



SCV
WATER



**SCV WATER AGENCY
TELECONFERENCE
ENGINEERING AND OPERATIONS COMMITTEE
MEETING**

THURSDAY, FEBRUARY 3, 2022

START TIME: 5:30 PM (PST)

Join the Board meeting from your
computer, tablet or smartphone:

<https://scvwa.zoomgov.com/j/1604219802>

-OR-

Listen in Toll Free by Phone

+1-(833)-568-8864

Webinar ID: 160 421 9802

To participate in public comment from your computer, tablet, or smartphone:

When the Chair announces the agenda item you wish to speak on, click the “**raise hand**” feature in **Zoom***. You will be notified when it is your turn to speak.

To participate in public comment via phone:

When the Chair announces the agenda item you wish to speak on, **dial *9 to raise your hand**. Phone participants will be called on by the **LAST TWO digits** of their phone number. **When it is your turn to speak, dial *6 to unmute**. When you are finished with your public comment dial ***6 to mute**.

Can't attend? If you wish to still have your comments/concerns addressed by the Committee, all written public comments can be submitted by 4:00 PM the day of the meeting by either e-mail or mail.** Please send all written comments to Elizabeth Adler. Refer to the Committee Agenda for more information.

*For more information on how to use Zoom go to support.zoom.us or for “raise hand” feature instructions, visit <https://support.zoom.us/hc/en-us/articles/205566129-Raise-Hand-In-Webinar>

**All written comments received after 4:30 PM the day of the meeting will be posted to [yourscvwater.com](https://www.yourscvwater.com) the next day. Public comments can also be heard the night of the meeting.

Please Note: Pursuant to the provisions of AB 361 this meeting is being held remotely. The SCV Water Board will continue to hold remote Board and Committee meetings due to the continuing State of Emergency for COVID-19 and state and local official's continuance to impose or recommend measures to promote social distancing. The public may not attend meetings in person. The public may use the above methods to attend and participate in the public Committee meetings.

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Date: January 25, 2022

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

From: Courtney Mael, Chief Engineer
Keith Abercrombie, Chief Operating Officer

The **Engineering and Operations Committee** is scheduled to meet via teleconference on **Thursday, February 3, 2022 at 5:30 PM**, call-in information is listed below.

**TELECONFERENCE ONLY
NO PHYSICAL LOCATION FOR MEETING**

TELECONFERENCING NOTICE

Pursuant to the provisions of AB 361 this meeting is being held remotely. The SCV Water Board will continue to hold remote Board and Committee meetings due to the continuing State of Emergency for COVID-19 and state and local official's continuance to impose or recommend measures to promote social distancing. Any Director may call into the Agency Committee meeting using the **Agency's Call-In Number 1-(833)-568-8864, Webinar ID: 160 421 9802 or Zoom Webinar by clicking on the link <https://scvwa.zoomgov.com/j/1604219802>** without otherwise complying with the Brown Act's teleconferencing requirements.

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

If the State of Emergency for COVID-19 expires prior to this meeting and after the posting of this Agenda, this meeting will be held in person at the Santa Clarita Valley Water Agency, 27234 Bouquet Canyon Road, Santa Clarita, CA 91350 in the Board and Training Rooms.

We request that the public submit any comments in writing if practicable, which can be sent to **eadler@scvwa.org** or mailed 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 will be 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 Pipeline Improvements Associated with Pinetree Booster Station #3	1
4. * Recommend Approval of Resolution Awarding Construction Contract for Commerce Center Tanks No. 1 and No. 2 Exterior Recoat Project	13
5. * 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	25
6. * Recommend Approval of a Purchase Order to Hazen and Sawyer Inc. for Final Design Services for the New T7, U4 and U6 Wells PFAS Treatment, Saugus 1 and 2 Wells VOC Treatment and Disinfection Facility at the Existing Rio Vista Intake Pump Station	43
7. * Recommend Adopting a Resolution Approving Funding for Construction Cost of the Pitches Pipeline Modifications During the I-5 North Capacity Enhancement Project to the Los Angeles County Metropolitan Transportation Authority	73
8. * Monthly Operations and Production Report	83
9. * Capital Improvement Projects Construction Status Report	189
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11. * Committee Planning Calendar	199
12. General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities	
13. General Report on Engineering Services Section Activities	
14. 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 January 27, 2022.


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COMMITTEE MEMORANDUM

DATE: January 19, 2022

TO: Engineering and Operations Committee

FROM: Mike Alvord 
Director of Operations & Maintenance

SUBJECT: Recommend Approval of Pipeline Improvements Associated with Pinetree
Booster Station No. 3

SUMMARY

In October 2021, a pipeline leak occurred in the access road to Pinetree Booster Station No. 3. The leak occurred on the suction pipeline of the booster station, which feeds the Mammoth Lane Pinetree Tank 3. The suction and discharge pipelines are 12" diameter steel and are in need of replacement.

DISCUSSION

Pinetree is the most eastern portion of the SCV Water service area. It consists of four (4) pressure zones with Zone 3 at the highest elevation. Mammoth Lane Pinetree Tank 3 has a base elevation of 2252 above mean sea level (MSL). Pinetree Booster Station No. 3 is the sole source of supply for this zone. The tank and booster station were constructed in 1993. Most of the piping within this zone is constructed of ductile iron pipe. However, the suction and discharge pipelines are steel and have reached their useful operating life. In October 2021, the suction pipe had a leak and during repairs it was noted that both suction and discharge pipelines need to be replaced. In order to accomplish the replacement, by-pass piping also needs to be constructed along Grandifloras Road where a portable potable water booster pump can be installed to bring Zone 2 water into Zone 3 and the Mammoth Lane Pinetree Tank 3.

SCV Water crews will be responsible for completing this project with the exception of paving. Since the paving estimate is more than \$30,000 a formal request for proposal process will be followed in accordance with the Purchasing Policy. The total project estimated cost is approximately \$460,000 with internal labor and equipment comprising approximately 30% of the estimated cost.

According to Section 15282(k) of the California Environmental Quality Act, the installation of new pipelines as set forth in Section 21080.21 of the Public Resources Code is considered statutorily exempt as long as the project does not exceed one mile in length. Therefore, a Notice of Exemption for CEQA under Section 15282(k) will be filed for this project.

FINANCIAL CONSIDERATIONS

Funds for this project are included in the Pipeline and Pipeline Improvements Pay Go FY 2021/22 Capital Pipeline Improvement Budget in the amount of \$460,000.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors find the pipeline improvements associated with Pinetree Booster Station No. 3 to be exempt from CEQA and authorize the General Manager to direct staff to complete this project in an amount not to exceed \$460,000.

Attachment

MBS

NOTICE OF EXEMPTION

To: Registrar-Recorder/County Clerk
Los Angeles County
12400 Imperial Highway
Norwalk, CA 90650

From: Santa Clarita Valley Water Agency
27234 Bouquet Canyon Road
Santa Clarita, CA 91350

To: County Clerk and Recorder
Ventura County
800 S. Victoria Ave, Location #1260
Ventura, CA 93009

Project Title:

Pipeline Improvements Associated with Pinetree Booster Station No. 3

Location -- Specific:

Pinetree Booster Station 3 Access Road and Grandifloras Road in the City of Santa Clarita.

Location -- Counties:

Los Angeles County

Description of Activity:

Replace ~450 feet of 12" DIP with 12" DIP in Pinetree Booster Station access road as well as install ~75 feet of 6" DIP in Grandifloras Road for a bypass.

Name of Public Agencies Approving or Carrying Out Activity: Santa Clarita Valley Water Agency (Lead Agency).

Exempt Status:

- Ministerial
- Declared Emergency
- Emergency Project
- Categorical Exemption.** State type and section number: See CEQA Guidelines Section 15301.
- Statutory Exemption.** State code number: See CEQA Guidelines Section 15061(b)3.

Reasons why activity is exempt:

The proposed action qualifies for an exemption under Section 15282(k), the installation of new pipelines as set forth in Section 21080.21 of the Public Resources Code is considered statutorily exempt as long as the project does not exceed one mile in length.

Lead Agency Contact Person:

Telephone:

Signature: _____

Title: _____ **Date:** _____

- Signed by Lead Agency
- Signed by Applicant

Date received for filing by County Clerk:

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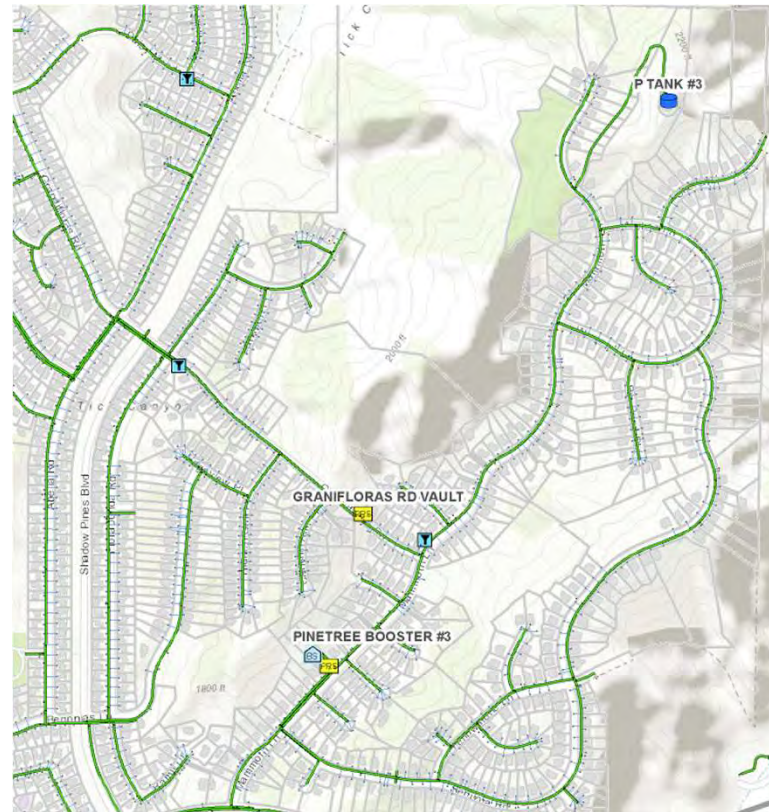
February 3, 2022

Pipeline Improvements Associated with Pinetree Booster Station No. 3

Engineering and Operations
Committee Meeting

Pinetree Service Area

- Consists of 4 Pressure Zones
- Zone 3 is at the highest hydraulic grade
- Tank 3 has a base elevation of 2252 above MSL
- Booster Station 3 supplies water to Tank 3



Pinetree Booster Station No. 3 Suction Pipeline Leak

- A leak occurred on the suction pipeline in October 2021
- SCV Water crews repaired the leak and noted both suction and discharge piping need to be replaced



Construction Details

- Replace ~450 feet of 12” with 12” DIP in Pinetree Booster Station 3 access road
- Install ~75 feet of 6” DIP in Grandifloras Road for a bypass
- Public works bidding for asphalt paving
- SCV Water labor and equipment equate to ~35% of total estimated project cost of \$460,000



CEQA Exempt

- According to Section 15282(k) of the California Environmental Quality Act, the installation of new pipelines as set forth in Section 21080.21 of the Public Resources Code is considered statutorily exempt as long as the project does not exceed one mile in length. Therefore, a Notice of Exemption for CEQA under Section 15282(k) will be filed for this project.



Financial Considerations

- Funds for this project are included in the Pipeline and Pipeline Improvements CIP Pay Go FY 2021/22 Budget in the amount of \$460,000.

Recommendation

- That the Engineering and Operations Committee recommend that the Board of Directors find the pipeline improvements associated with Pinetree Booster Station No. 3 to be exempt from CEQA and authorize the General Manager to direct staff to complete this project in an amount not to exceed \$460,000.



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COMMITTEE MEMORANDUM

DATE: January 12, 2022

TO: Engineering and Operations Committee

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

SUBJECT: Recommend Approval of Resolution Awarding Construction Contract for Commerce Center Tanks No. 1 and No. 2 Exterior Recoat Project

SUMMARY

Staff recommends that the exterior coating system of the Commerce Center No. 1 and No. 2 Tanks be repaired, including spot paint repair, and overcoating using epoxy and acrylic/urethane protective coatings to maintain the integrity and service life, based on a condition assessment and inspection by CSI Services, Inc. (CSI). The tanks were constructed in 1999 and the original coating systems of the tanks are reaching the end of their service life. Staff received bids from seven (7) qualified contractors and recommends awarding the contract to Tony Painting as the lowest responsible bidder in the amount of \$118,650. The original budget estimate, which is included in the FY21/22 Capital Improvement Program (CIP) for Storage Tank Improvements was \$160,000. The most recent engineering estimate was \$150,000.

DISCUSSION

The CIP includes periodic tank inspections and recoating (as required), in accordance with AWWA D101-53 (79) Standards, to maintain the integrity and extend the service life of storage tanks. The Commerce Center No. 1 and No. 2 Tanks are the two (2) tanks located in the II-D pressure zone. Erected in 1999, each tank is 93 ft diameter, 32 ft tall, welded steel above-ground tank with a capacity at overflow of 1.5 million gallons. The exterior coating systems are the original coatings applied. The typical service life of an epoxy coating is 20 to 25 years. All of the exterior steel surfaces and appurtenances are coated with an epoxy primer and urethane finish coat.

Inspections of the tanks were performed by CSI to assess the condition of the tanks in February of 2020. The tank exterior coating systems are weathered and chalked, and the topcoat on the roof has weathered away. Based on the CSI condition assessment and the evidence that the coatings are near the end of their service life, staff recommends that the exterior coatings be overcoated to maintain the integrity and service life of the tank.

Staff contracted with CSI for the coating technical specifications and engineering estimate. Staff issued a Request for Bids by posting to PlanetBids on December 13, 2021. Seven (7) bids were received January 5, 2022. Staff reviewed the bids and recommends awarding the contract to Tony Painting as the lowest responsible bidder.

Bid results are as follows:

Contractor	Bid Amount
Tony Painting	\$118,650
Unified Field Services	\$122,429
Advanced Industrial Services	\$131,900
PPS Coatings	\$146,690
Associated Tank Constructors, Inc.	\$157,500
Cal Sierra Construction	\$163,300
Harbor Coating	\$169,600

FINANCIAL CONSIDERATIONS

Funding for the Commerce Center No. 1 and No. 2 Water Storage Tanks Coating Project is provided through the CIP Storage Tank Improvement budget and is included in the FY2021/22 Budget.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors approve the attached resolution awarding for Commerce Center No. 1 and No. 2 Water Storage Tank Coating Project to Tony Painting for \$118,650.

Attachment

M65

RESOLUTION NO. ____

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
AWARDING A CONTRACT TO TONY PAINTING FOR THE COMMERCE CENTER
TANKS NO. 1 AND NO. 2 EXTERIOR RECOAT PROJECT
IN THE AMOUNT OF \$118,650**

WHEREAS, all bid proposals submitted to the Agency pursuant to the Agency's specifications for the Commerce Center Tanks No. 1 and No. 2 Exterior Recoat Project were received at the Agency's offices on Wednesday, January 5, 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 Tony Painting in the amount of \$118,650 is the lowest responsible bid of seven bids submitted, and that said bid substantially meets the requirements of said construction contract documents; and

WHEREAS, it is in the Agency's best interest that the Board of Directors, on behalf of the Agency, authorize its General Manager to accept the \$118,650 bid.

NOW, THEREFORE, BE IT RESOLVED that the Agency's Board of Directors does authorize its General Manager to accept said low bid and does therefore authorize the Agency's General Manager or its Chief Operating Officer to issue a Notice of Award to Tony Painting hereby found to be the "lowest responsible bidder" for the Commerce Center Tanks No. 1 and No. 2 Exterior Recoat Project for the total sum of \$118,650.

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

RESOLVED FURTHER that the Agency's General Manager or Chief Operating Officer are thereafter authorized to execute and forward to Tony Painting an appropriate Notice to Proceed.

President

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February 3, 2022

SCV Water

Commerce Center No. 1 and No. 2 Water Storage
Tanks Coating Project

Engineering & Operations Committee Meeting

SCV Water Storage Tank Information

- 99 storage tanks
- Combined distribution storage of more than 160 MG (does not include Sand Cyn Reservoir or treatment plant storage)
- Periodic general inspections - weekly
- Inspection and cleaning - every 3 - 5 years (internal and external)



Steel Storage Tank Coatings

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

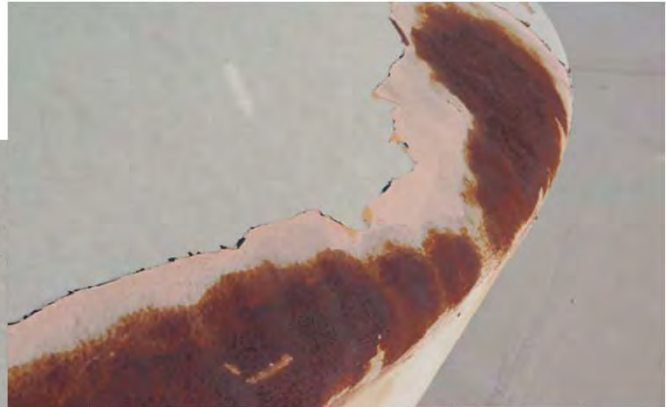


Commerce Center 1 and 2 Tanks Overview

- Constructed in 1999
- Condition assessment by CSI Services, Inc.
 - Conducted February 2020
 - Exterior coating is original
 - Repairs- spot repair and overcoat
- Bids received January 5, 2022
- Complete work in Quarter 4, FY 21/22



Commerce Center Tanks



YOURSCVWATER.COM



Bid Results

Contractors	Bid Amount
Tony Painting	\$118,650
Unified Field Services	\$122,429
Advanced Industrial Services	\$131,900
PPS Coatings	\$146,690
Associated Tank Constructors, Inc.	\$157,500
Cal Sierra Construction	\$163,300
Harbor Coating	\$169,600

- Lowest Responsible Bid is \$118,650 by Tony Painting
- Engineer's Estimate is \$150,000
- Project Funds were approved in FY 2021/2022 Budget



Recommendations

- That the Engineering & Operations Committee recommends that the Board of Directors approve a resolution authorizing the General Manager to enter into contract with Tony Painting, for the Commerce Center No. 1 and No. 2 Water Storage Tanks Coating Project in the amount of \$118,650.



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COMMITTEE MEMORANDUM

DATE: January 24, 2022

TO: Engineering and Operations Committee

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

SUBJECT: 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

SUMMARY

Sections IV.(D)(14) and (15) of the current Policies and Procedures for the Board of Directors of the Santa Clarita Valley Water Agency (Exhibit A) describe the General Manager's authority as it relates to the disposal and acceptance of interests in real and personal property, including easements in the regular course of the Agency's operations. As written, these sections are difficult to follow and there is a desire to clarify and update the sections to provide more clarity, including clarifying that the policy applies to license agreements for access and use that are becoming more common.

Staff has worked closely with Best, Best & Krieger on the proposed revisions, which are attached as Exhibit B and are described in more detail below. Staff recommends that the Board of Directors approve the attached revisions that update the Policies and Procedures for the Board of Directors of the Santa Clarita Valley Water Agency.

DISCUSSION

Section IV.(D) of the Policies and Procedures of the Board of Directors describes the duties and responsibilities of the General Manager. Section IV.(D)(14) and (15) specifically authorize the General Manager to grant easements and accept interests in real property subject to certain criteria. Specifically, the General Manager is authorized to grant easements where the value is less than \$100,000, subject to an appraisal for interests reasonably believed to be valued at more than \$25,000, and to accept real property, including easements, where the value is estimated to be less than \$100,000. A primary purpose of these authorizations is to allow the Agency to efficiently grant and accept easements and interests in real property that become necessary in the regular course of Agency projects. The current policy also authorizes the General Manager to dispose of tangible personal property that is surplus and similarly has a value of less than \$100,000.

As written however, these sections are hard to follow and amending them to provide clear headings and simplifying language will make it easier to understand for staff and the public. In addition, staff has found the appraisal requirement threshold of \$25,000 for granting of easements to be challenging. Appraisals can be expensive and are not always practical, especially since most of the transactions involve the granting of unique easements during the regular course of projects. In some cases, the cost of an appraisal can be close to the value of the easement. There is no independent legal requirement to do an appraisal, but in cases where

the policy does not require one, staff does an internal analysis to reasonably determine the value. The proposed revisions would raise the formal appraisal requirement for granting of easements to \$100,000, which is what it currently is in the policy for accepting real property and is consistent with the General Manager's overall purchasing authority. In addition, the current sections do not specifically address license agreements related to the use of real property, which are becoming more common, especially as it relates to the use of Agency property for wireless providers. As a result, the proposed revisions add a section to make it clear that the Board must approve license agreements related to the use of real property with a value above \$100,000, which is consistent with the General Manager's current authority. The other proposed changes are clarifying and technical. The revisions without redlines are attached as Exhibit C.

CEQA DETERMINATION

The proposed 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 do not, pursuant to California Environmental Quality Act ("CEQA") Guideline section 15378 (b)(5), constitute a "project" as they are an "organizational or administrative activit[y]" that "will not result in direct or indirect physical changes to the environment" and alternatively are exempt from environmental review under CEQA pursuant to the CEQA Guidelines Section 15061(b)(3), the "common sense exemption," which provides that CEQA applies only to projects that have the potential for causing a significant effect on the environment. Here, the Agency finds the revisions to the Policies and Procedures are not a "project" under CEQA as they are only an organizational act, or alternatively, are exempt from CEQA as it "can be seen with certainty that there is no possibility that the activity in question" as it provides only procedural guidance concerning the General Manager Authority to Accept and Convey Interests in Real and Personal Property, and so it will have no "significant effect on the environment."

FINANCIAL CONSIDERATIONS

None.

RECOMMENDATION

That the Engineering and Operations Committee recommend that the Board of Directors approve the attached proposed revisions (Exhibit C) to the Policies and Procedures for the Board of Directors of the Santa Clarita Valley Water Agency.

Attachments

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Exhibit A - Existing SCV Water Board Policy

- (b) The General Manager shall inform the Board of such emergency, as well as the steps and expenditures incurred.
14. Except as set forth in Section 14.a and 14.b, the Board reserves for itself the sole authority to (1) convey any and all interests in real property, (2) authorize the disposal of Agency real property, and (3) authorize the disposal of surplus property (other than real property) that has a fair market value over \$100,000.
- (a) The General Manager may dispose of surplus property, other than real property, of the Agency that has a fair market value of \$100,000 or less, subject to California's laws concerning disposal of surplus property.
- (b) The General Manager is authorized to grant easements upon real property, including easements for construction, inspection, access, storage, and emergency service, subject to appraisal, as follows: (1) temporary easements not to exceed five years in duration; and (2) permanent grants of interest or easements upon real property, including by way of quitclaim, for compatible access and use of Agency property and rights-of-way with a fair market value of \$100,000 or less. No appraisal is required if the General Manager reasonably determines that the value of the easement to be granted is less than \$25,000.
15. The General Manager is authorized to accept deeds and grants of interests in and easements upon real property, on behalf of the Agency and in a form approved by General Counsel to the Agency, which are acquired by dedication or purchase for the purposes of maintaining and operating the Agency and its water system and have a fair market value of \$100,000 or less.
16. Perform all functions and activities which the Board shall direct the General Manager to perform, regardless of whether such functions or activities are included herein. In so doing, the General Manager may delegate responsibilities and obligations to other employees and representatives of the Agency as the General Manager deems appropriate.
17. The Board shall provide policy direction and instructions to the General Manager on matters within the authority of the Board during duly-convened Board and Committee meetings.
18. The Board has a duty to ensure that the General Manager is operating the Agency according to law and the policies approved by the Board.
19. Directors shall disclose to the General Manager, and the General Manager shall disclose to the Board, to the extent not expressly prohibited by law, improper activities within their knowledge. Directors shall not interfere with the General Manager's responsibilities in identifying, investigating, and correcting improper

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Exhibit B - Existing Policy Revisions - Red Line

14. Tangible Personal Property. The General Manager may dispose of tangible personal property of the Agency that has a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less subject to compliance with any applicable legal requirements. Disposal of tangible personal property with a fair market value of \$100,000 or more must be authorized by the Board of Directors.

~~Except as set forth in Section 14.a and 14.b, the Board reserves for itself the sole authority to (1) convey any and all interests in real property, (2) authorize the disposal of Agency real property, and (3) authorize the disposal of surplus property (other than real property) that has a fair market value over \$100,000.~~

~~a. The General Manager may dispose of surplus property, other than real property, of the Agency that has a fair market value of \$100,000 or less, subject to California's laws concerning disposal of surplus property.~~

15. Real Property.

a. The Board reserves for itself the sole authority to convey and dispose of all interests in real property, except as provided below.

b. Easements. The General Manager is authorized to grant easements upon real property, including, but not limited to, easements for construction, inspection, access, storage, operations, maintenance, and emergency service, subject to appraisal, as follows:

(1) Temporary easements not to exceed five years in duration; and

(2) Permanent grants of interest or easements upon real property, including by way of quitclaim, for compatible access and use of Agency property and rights-of-way with a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less. No appraisal is required if the General Manager reasonably determines that the value of the easement to be granted is less than \$25,000.

15c. Accepting and Acquiring Real Property. The General Manager is authorized to accept and acquire, by dedication or purchase, real property, which includes but is not limited to deeds, and grants of interests in and easements upon real property, on behalf of the Agency and in a form approved by General Counsel to the Agency, ~~which are acquired by dedication or purchase~~ for the purposes of expanding, maintaining and operating the Agency and its water system and have a fair market value, as reasonably determined by the General Manager or his/her representative of \$100,000 or less.

16. License Agreements. The General Manager is authorized to enter into license agreements related to the access and/or use of real property, and amendments to such license agreements, that have a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less. All other such license agreements require Board authorization.

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Exhibit C - Revised Policy

14. **Tangible Personal Property.** The General Manager may dispose of tangible personal property of the Agency that has a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less subject to compliance with any applicable legal requirements. Disposal of tangible personal property with a fair market value of \$100,000 or more must be authorized by the Board of Directors.

15. **Real Property.**

- a. The Board reserves for itself the sole authority to convey and dispose of all interests in real property, except as provided below.
- b. Easements. The General Manager is authorized to grant easements upon real property, including, but not limited to, easements for construction, inspection, access, storage, operations, maintenance, and emergency service, as follows:
 - (1) Temporary easements not to exceed five years in duration; and
 - (2) Permanent grants of easements upon real property, including by way of quitclaim, for access and use of Agency property and rights-of-way with a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less.
- c. **Accepting and Acquiring Real Property.** The General Manager is authorized to accept and acquire, by dedication or purchase, real property, which includes but is not limited to deeds, and grants of interests in and easements upon real property, on behalf of the Agency and in a form approved by General Counsel to the Agency, for the purposes of expanding, maintaining and operating the Agency and its water system and have a fair market value, as reasonably determined by the General Manager or his/her representative of \$100,000 or less.

16. **License Agreements.** The General Manager is authorized to enter into license agreements related to the access and/or use of real property, and amendments to such license agreements, that have a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less. All other such license agreements require Board authorization.

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February 3, 2022

Proposed Revisions to the SCVWA Policies and Procedures for the Board of Directors

Engineering and Operations
Committee Meeting

Existing Policies and Procedures for the Board of Directors Section 14

14. Except as set forth in Section 14.a and 14.b, the Board reserves for itself the sole authority to (1) convey any and all interests in real property, (2) authorize the disposal of Agency real property, and (3) authorize the disposal of surplus property (other than real property) that has a fair market value over \$100,000.

(a) The General Manager may dispose of surplus property, other than real property, of the Agency that has a fair market value of \$100,000 or less, subject to California's laws concerning disposal of surplus property.

(b) The General Manager is authorized to grant easements upon real property, including easements for construction, inspection, access, storage, and emergency service, subject to appraisal, as follows: (1) temporary easements not to exceed five years in duration; and (2) permanent grants of interest or easements upon real property, including by way of quitclaim, for compatible access and use of Agency property and rights-of-way with a fair market value of \$100,000 or less. No appraisal is required if the General Manager reasonably determines that the value of the easement to be granted is less than \$25,000.



Existing Policies and Procedures for the Board of Directors Section 15

15. The General Manager is authorized to accept deeds and grants of interests in and easements upon real property, on behalf of the Agency and in a form approved by General Counsel to the Agency, which are acquired by dedication or purchase for the purposes of maintaining and operating the Agency and its water system and have a fair market value of \$100,000 or less.



Proposed Policies and Procedures for the Board of Directors

Section 14

14. **Tangible Personal Property.** The General Manager may dispose of tangible personal property of the Agency that has a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less subject to compliance with any applicable legal requirements. Disposal of tangible personal property with a fair market value of \$100,000 or more must be authorized by the Board of Directors.

~~Except as set forth in Section 14.a and 14.b, the Board reserves for itself the sole authority to (1) convey any and all interests in real property, (2) authorize the disposal of Agency real property, and (3) authorize the disposal of surplus property (other than real property) that has a fair market value over \$100,000.~~

~~a. The General Manager may dispose of surplus property, other than real property, of the Agency that has a fair market value of \$100,000 or less, subject to California's laws concerning disposal of surplus property.~~



Proposed Policies and Procedures for the Board of Directors

Section 15

15. Real Property.

- a. The Board reserves for itself the sole authority to convey and dispose of all interests in real property, except as provided below.
- b. Easements. The General Manager is authorized to grant easements upon real property, including, but not limited to, easements for construction, inspection, access, storage, operations, maintenance, and emergency service, subject to appraisal, as follows:
 - (1) Temporary easements not to exceed five years in duration; and
 - (2) Permanent grants of ~~interest or~~ easements upon real property, including by way of quitclaim, for compatible access and use of Agency property and rights-of-way with a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less. ~~. No appraisal is required if the General Manager reasonably determines that the value of the easement to be granted is less than \$25,000.~~
- ~~15c.~~ Accepting and Acquiring Real Property. The General Manager is authorized to accept and acquire, by dedication or purchase, real property, which includes but is not limited to deeds, and grants of interests in and easements upon real property, on behalf of the Agency and in a form approved by General Counsel to the Agency, ~~which are acquired by dedication or purchase~~ for the purposes of expanding, maintaining and operating the Agency and its water system and have a fair market value, as reasonably determined by the General Manager or his/her representative of \$100,000 or less.



Proposed Policies and Procedures for the Board of Directors

Section 16

16. License Agreements. The General Manager is authorized to enter into license agreements related to the access and/or use of real property, and amendments to such license agreements, that have a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less. All other such license agreements require Board authorization.



Clean Policies and Procedures for the Board of Directors

Section 14

14. **Tangible Personal Property.** The General Manager may dispose of tangible personal property of the Agency that has a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less subject to compliance with any applicable legal requirements. Disposal of tangible personal property with a fair market value of \$100,000 or more must be authorized by the Board of Directors.



Clean Policies and Procedures for the Board of Directors

Section 15

15. Real Property.

- a. The Board reserves for itself the sole authority to convey and dispose of all interests in real property, except as provided below.
- b. Easements. The General Manager is authorized to grant easements upon real property, including, but not limited to, easements for construction, inspection, access, storage, operations, maintenance, and emergency service, as follows:
 - (1) Temporary easements not to exceed five years in duration; and
 - (2) Permanent grants of easements upon real property, including by way of quitclaim, for access and use of Agency property and rights-of-way with a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less.
- c. Accepting and Acquiring Real Property. The General Manager is authorized to accept and acquire, by dedication or purchase, real property, which includes but is not limited to deeds, and grants of interests in and easements upon real property, on behalf of the Agency and in a form approved by General Counsel to the Agency, for the purposes of expanding, maintaining and operating the Agency and its water system and have a fair market value, as reasonably determined by the General Manager or his/her representative of \$100,000 or less.



Clean Policies and Procedures for the Board of Directors

Section 16

16. **License Agreements.** The General Manager is authorized to enter into license agreements related to the access and/or use of real property, and amendments to such license agreements, that have a fair market value, as reasonably determined by the General Manager or his/her representative, of \$100,000 or less. All other such license agreements require Board authorization.



Recommendation

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

Approve the proposed revisions to the Policies and Procedures for the Board of Directors of the Santa Clarita Valley Water Agency.





COMMITTEE MEMORANDUM

DATE: January 24, 2022

TO: Engineering and Operations Committee

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

SUBJECT: Recommend Approval of a Purchase Order to Hazen and Sawyer Inc. for Final Design Services for the New T7, U4 and U6 Wells PFAS Treatment, Saugus 1 and 2 Wells VOC Treatment and Disinfection Facility at the Existing Rio Vista Intake Pump Station

SUMMARY

Staff recommends approval of a Work Authorization to Hazen and Sawyer, Inc., for the final engineering and design of the proposed Per- and Polyfluoroalkyl Substances (PFAS) groundwater treatment improvements for the existing T7, U4 and U6 Wells, Volatile Organic Compounds (VOC) groundwater treatment for the existing Saugus 1 and 2 Wells, and a new disinfection facility to be located at Santa Clarita Valley Water Agency's (SCV Water) existing Rio Vista Intake Pump Station facility (RVIPS).

DISCUSSION

Staff is proposing that the following three major capital improvement projects (CIP) be designed and constructed as one project at the existing Rio Vista Intake Pump Station facility, located at 25401 Bouquet Canyon Road:

1. A new Ion Exchange PFAS groundwater treatment system to treat water from the existing T7, U4 and U6 Wells.
2. A new Granular Activated Carbon (GAC) VOC groundwater treatment system to treat raw water from existing Saugus 1 and Saugus 2 Wells.
3. A new disinfection system building(s), including a liquid ammonium sulfate feed system and an on-site sodium hypochlorite generation system, to disinfect water from the existing T7, U4, U6, Q2, Saugus 1 and Saugus 2 Wells.

Staff assessed various design concepts and alternatives for the three CIP components and determined that the RVIPS would be a plausible site to construct the necessary improvements. It is anticipated that combining the design and construction of the three CIP components into a single engineering and construction contract will reduce overall project costs and maximize time and staff resource efficiency.

SCV Water contracted Hazen and Sawyer, Inc. to develop a site analysis and a Preliminary Engineering Design (Preliminary Site Plan attached as Attachment 1) of the proposed improvements at the RVIPS facility. Using the Preliminary Design as a basis of design, staff is recommending that final engineering services be authorized to commence final design and construction documents.

T7, U4 and U6 Wells

The existing T7, U4 and U6 Wells are located along the Santa Clara River approximately 1 to 1.5 miles east of the RVIPS property. In February 2020, the DDW set a response level (RL) of 10 ng/l for PFOA and 40 ng/l for PFOS, based on a running annual average (RAA). RL is the concentration at which DDW recommends that a well is taken out of service, pending treatment. The T7, U4 and U6 Wells were taken offline due to exceedances of the RL for PFOA. Staff has identified the T7, U4 and U6 Wells for PFAS treatment to restore up to 3,450 gallons per minute of lost groundwater production capacity.

The new PFAS treatment system will consist of a maximum of two trains (pre-filters and lead & lag ion exchange vessels) that are anticipated to fit at the eastern end of the site. Raw water from the T7, U4 and U6 existing wells are proposed to be diverted through an existing 16" water line (Ground Water Treated Pipeline or GWT) that runs westerly along Newhall Ranch Road and then southerly along Bouquet Canyon Road before it enters the RVIPS site. Treated waters from the proposed treatment facility will be ultimately discharged into Valencia Water Division's existing Zone IIA North pressure zone. Minimal offsite pipeline improvements are anticipated along the RVIPS east frontage within Bouquet Canyon Road.

Saugus No.1 and Saugus No.2 Wells

The Saugus 1 and Saugus 2 Wells are located near the intersection of Magic Mountain Parkway and Railroad Avenue. The wells are operational and groundwater from these wells are pumped to a perchlorate treatment system at RVIPS before the treated water enters the distribution system. SCV Water's Water Supply Permit for Saugus 1 and Saugus 2 Wells sets an operational goal of no VOCs above the State's detection limit for reporting (DLR) in its distribution system. VOCs (primarily TCE and PCE) have been measured in Saugus 1 and Saugus 2 Wells at trace levels (slightly above the DLR), but well below the State's Maximum Contaminant Levels (MCL's). SCV Water performed a VOC identification study in July 2015 which concluded that the likely source was the former Whittaker Bermite Site, located east and southeast of the Saugus 1 and 2 Wells. The costs of VOC treatment for Saugus 1 and 2 have been identified as damages in a contamination claim against Whittaker Corporation.

Two GAC trains are proposed to be located just west of the existing RVIPS building to remove groundwater VOC contaminants from the Saugus 1 and Saugus 2 Wells. Treated waters from the GAC System will be connected to the existing onsite piping before it is pumped into the SCV Water's existing regional 84" treated water pipeline. It is anticipated that no offsite pipeline improvements will be required for the VOC Treatment System.

New Disinfection Facility

A disinfection facility, consisting of a bulk sodium hypochlorite and ammonium hydroxide tanks and feed system, exists at the northwest corner of RVIPS and is used for disinfection of water produced by the Saugus 1 and 2 Wells and Q2 Well. The tanks are currently housed in separate covered shed structures.

SCV Water intends to consolidate the disinfection systems into a central location at RVIPS to improve operation and cost efficiency. A new disinfection building, with an on-site sodium hypochlorite generation and liquid ammonium sulfate system is proposed to treat water from

the existing T7, U6, U4, Q2, Saugus 1 and Saugus 2 Wells. The new facility will ultimately replace the existing bulk chlorination and chloramination system. The existing system will need to remain operational during the construction of the new disinfection building to maintain uninterrupted treated water supply to our SCV Water customers.

On April 15, 2021, Request for Proposals (RFP) for final design were sent to four (4) of the Agency's on-call engineering firms based on their qualifications and experience. Only one fee proposal was received by Hazen and Sawyer, Inc. The RFP was rebid and distributed to four (4) additional on-call engineering firms on June 14, 2021. No additional fee proposals were received. A follow up call was made to all potential bidders by staff and confirmed that non-responsive bidders declined the RFP.

Staff recommends that Hazen and Sawyer, Inc. be awarded the Purchase Order to prepare the final design for the new T7, U4 and U6 Wells PFAS Treatment, Saugus 1 and 2 Wells VOC Treatment and Disinfection Facility at the existing Rio Vista Intake Pump Station. Hazen and Sawyer, Inc is a qualified firm with recent and relevant experience in working for SCV Water, including similar PFAS facilities and the completion of the preliminary design for this project.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) DETERMINATION

Based on the preliminary project design and anticipated final design, and because the project construction is a minor alteration of existing facilities limited to construction within the Agency's existing 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 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.
- None of the exemptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action.

FINANCIAL CONSIDERATIONS

The projects are included in the SCV Water's FY 2021/22 Capital Improvement Budget for design of the new T & U Wells PFAS Treatment Project, new Disinfection Facility and Saugus 1 and 2 VOC Treatment Improvements. The final design services will be completed on a time and expense basis for an amount of \$898,833. A design budget of \$1,000,000 has been allocated in the FY2021/22 Capital Improvements budget. The project will be partially funded by Bond proceeds (debt funding).

The VOC treatment system for Saugus 1 and 2 is the subject of SCVWA's contamination claim against Whittaker Corporation. All costs related to the VOC treatment system will be tracked separately from costs related to the T & U Well PFAS treatment system and new disinfection facility.

Staff is currently pursuing a \$1.1 million grant and a zero to low interest (0-1.5%) loan with the State Water Resources Control Board for funding (State Revolving Funds) of the T& U Wells

PFAS treatment system and new disinfection facility components as part of the Los Angeles Residential Community (LARC) consolidation incentive funds.

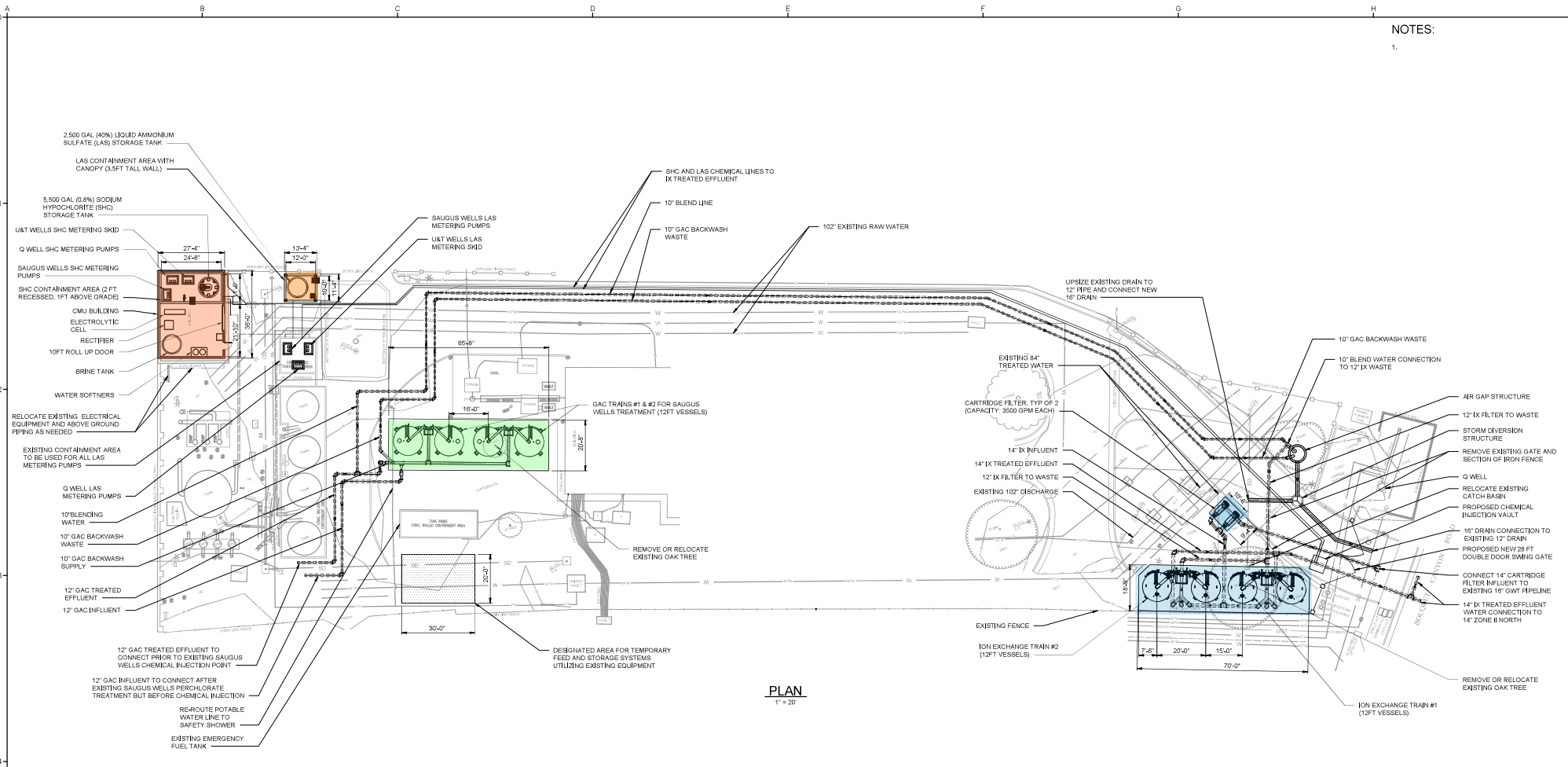
RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors authorize the General Manager to issue a purchase order to Hazen and Sawyer, Inc. in the amount not to exceed \$898,833 for final design services for the proposed PFAS groundwater treatment improvements for the existing T7, U4 and U6 Wells, VOC groundwater treatment for the existing Saugus 1 and 2 wells, and a new disinfection facility to be located at the existing SCVWA Rio Vista Intake Pump Station.

Attachment

M65

NOTES:
1.



PLAN
1" = 30'

SCALE: 1" = 20'

REVISIONS

NO.	DESCRIPTION	DATE	BY

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

DESIGNED BY: XXXXX
DRAWN BY: XXXXX
CHECKED BY: XXXXX

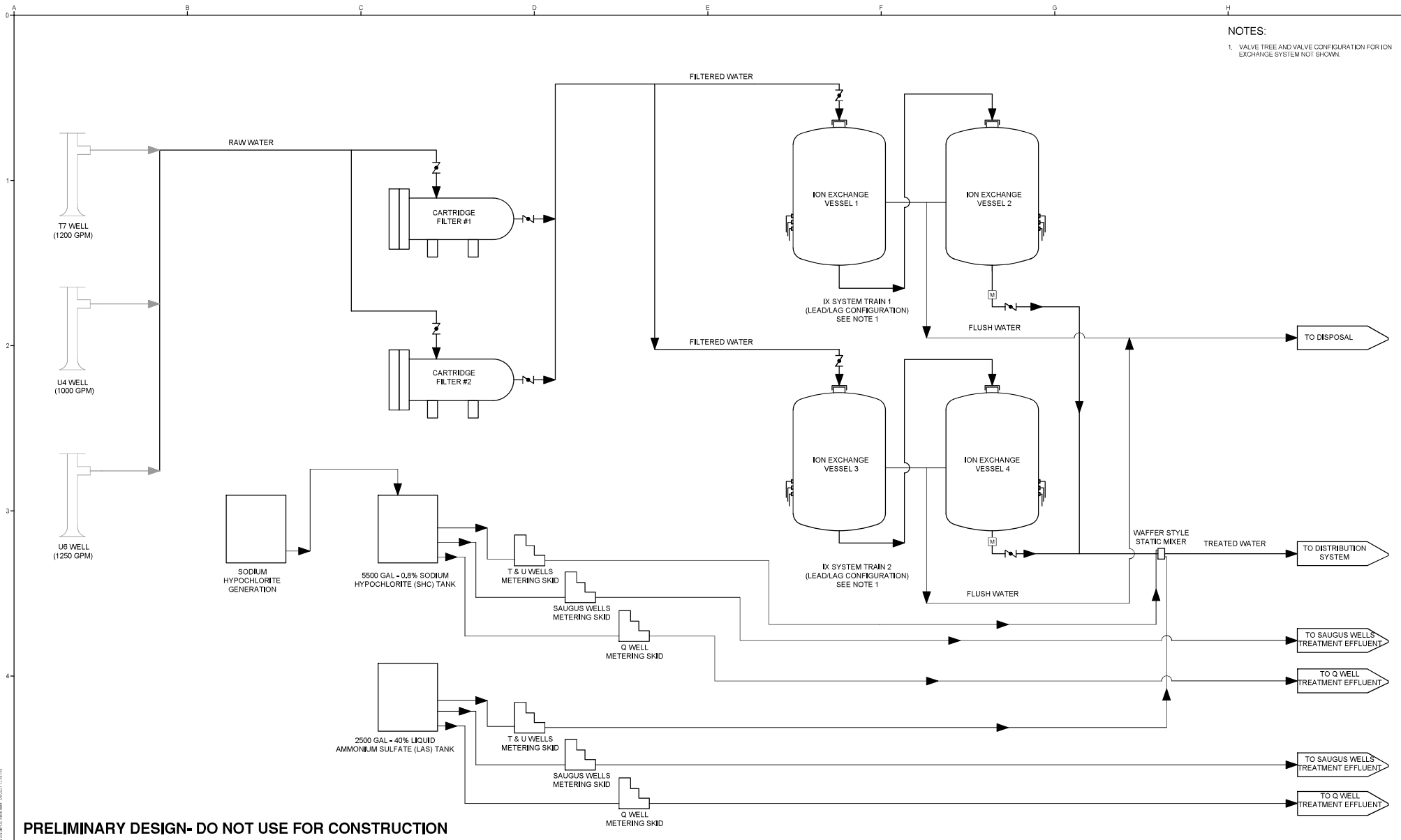
PLANS PREPARED BY:
Hazen
HAZEN AND SAWYER
7700 IRVING CENTER DRIVE, SUITE 200
IRVINE, CALIFORNIA 92618

SCV WATER
SANTA CLARITA VALLEY WATER AGENCY
ENGINEERING SERVICES SECTION
28521 SUMMIT CIRCLE
SANTA CLARITA, CA, 91350
(661) 259-2737

T7, U4, U6, SAUGUS 1, AND SAUGUS 2 WELLS GROUNDWATER TREATMENT IMPROVEMENTS AND NEW RVIPS DISINFECTION FACILITY

IX & GAC TREATMENT AND DISINFECTION FACILITY PRELIMINARY DESIGN

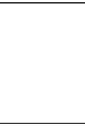
DATE: MARCH 2021
PROJECT NO.: HAZEN/ 20155-005
SOWVA: XXXXXX
SHEET: C-XX



NOTES:
 1. VALVE TREE AND VALVE CONFIGURATION FOR ION EXCHANGE SYSTEM NOT SHOWN.

PRELIMINARY DESIGN- DO NOT USE FOR CONSTRUCTION

REVISIONS			
NO.	DESCRIPTION	DATE	BY



DESIGNED BY: XXXX
 DRAWN BY: XXXX
 CHECKED BY: XXXX

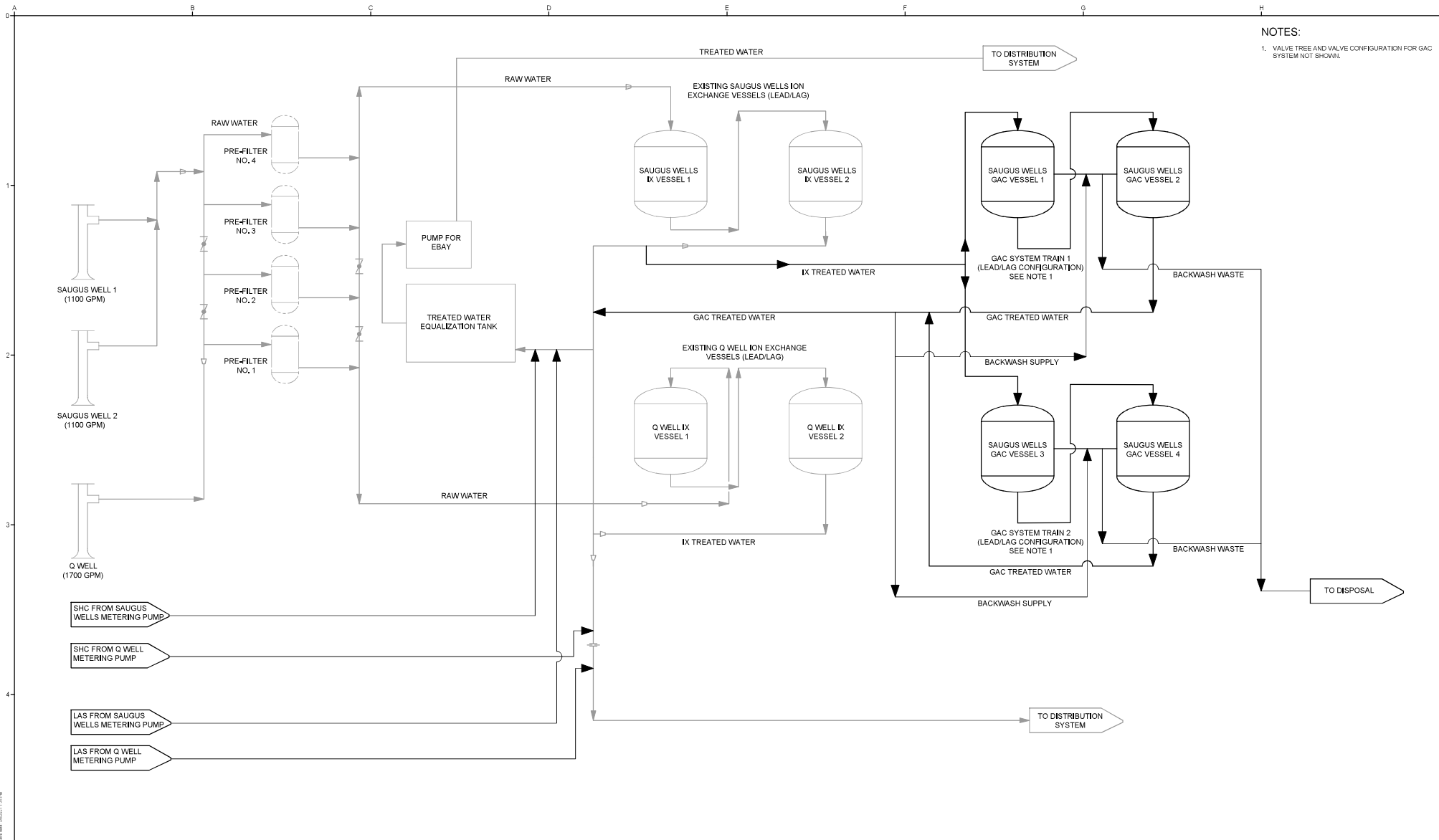
PLANS PREPARED BY:
Hazen
 HAZEN AND SAWYER
 7700 IRVING CENTER DRIVE, SUITE 200
 IRVINE, CALIFORNIA 92618

SCV WATER
 SANTA CLARITA VALLEY WATER AGENCY
 ENGINEERING SERVICES SECTION
 28521 SUMMIT CIRCLE
 SANTA CLARITA, CA, 91350
 (661) 259-2737

T7, U4, U6, SAUGUS 1, AND SAUGUS 2 WELLS GROUNDWATER TREATMENT IMPROVEMENTS AND NEW RVIPS DISINFECTION FACILITY

T7, U4, AND U6 ION EXCHANGE TREATMENT PROCESS FLOW DIAGRAM

DATE: MARCH 2021
 PROJECT NO.: HAZEN 20155-005
 SOWVA: XXXXXX
 SHEET: **G-XX**
 X OF X



NOTES:
 1. VALVE TREE AND VALVE CONFIGURATION FOR GAC SYSTEM NOT SHOWN.

PRELIMINARY DESIGN- DO NOT USE FOR CONSTRUCTION

REVISIONS			
NO.	DESCRIPTION	DATE	BY

SCALES
IF THIS BAR IS NOT DIMENSIONED PROPERLY, ADJUST SCALES ACCORDINGLY.

DESIGNED BY: XXXX
 DRAWN BY: XXXX
 CHECKED BY: XXXX

PLANS PREPARED BY:

HAZEN AND SAWYER
 7700 IRVING CENTER DRIVE, SUITE 200
 IRVINE, CALIFORNIA 92618

SANTA CLARITA VALLEY WATER AGENCY
 ENGINEERING SERVICES SECTION
 28521 SUMMIT CIRCLE
 SANTA CLARITA, CA, 91360
 (661) 259-2737

T7, U4, U6, SAUGUS 1, AND SAUGUS 2 WELLS GROUNDWATER TREATMENT IMPROVEMENTS AND NEW RVIPS DISINFECTION FACILITY

SAUGUS 1 AND SAUGUS 2 WELLS GAC TREATMENT PROCESS FLOW DIAGRAM

DATE: MARCH 2021
 PROJECT NO.: HAZEN/ 20155-005
 SOWWA: XXXXXX
 SHEET: **G-XX**
 X OF X



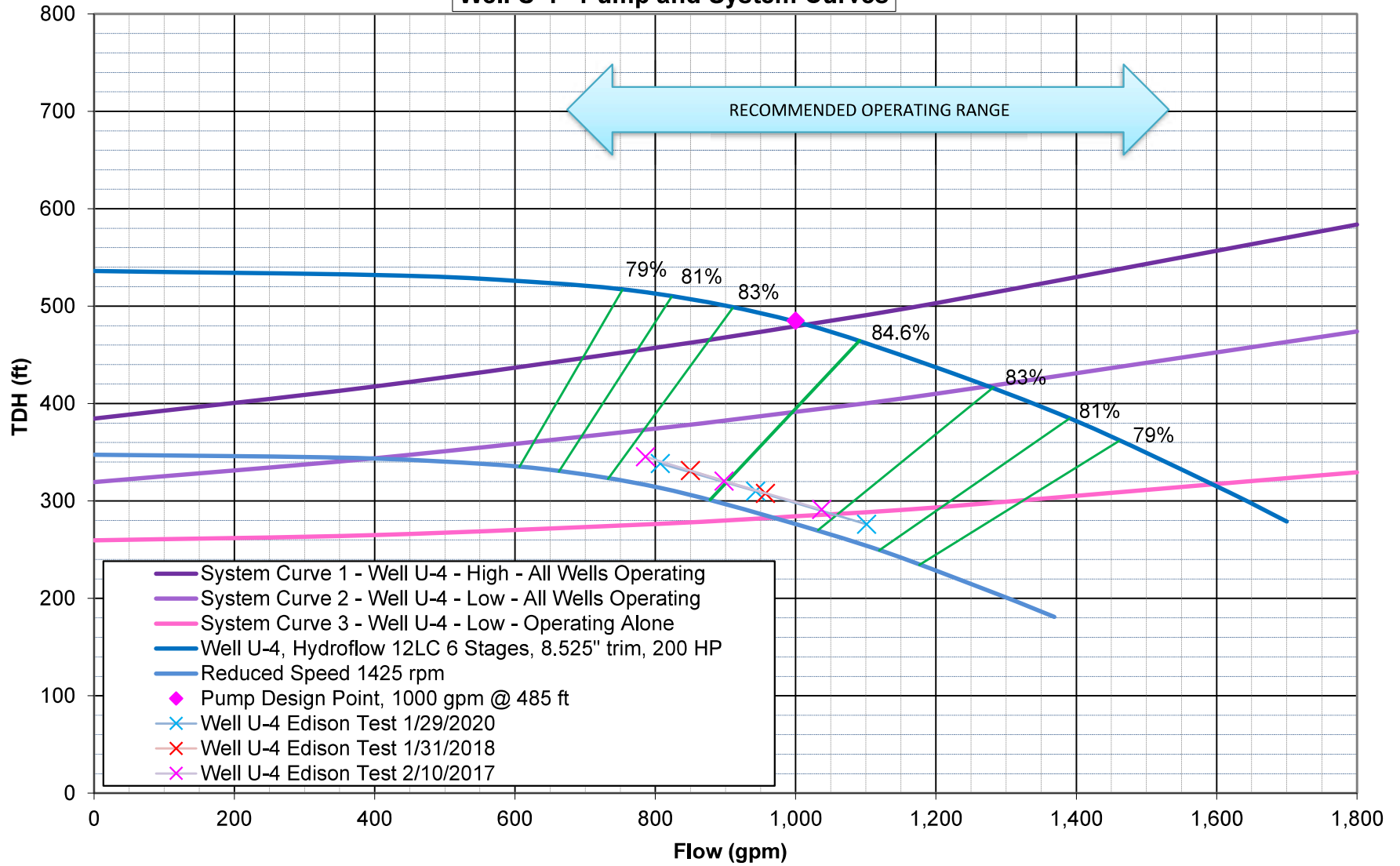
Santa Clarita Valley Water Agency
T7, U4, U6, Saugus 1, and Saugus 2 Well Pump Evaluation

Summary of Design Points, Motor Sizes, and Selected Pumps

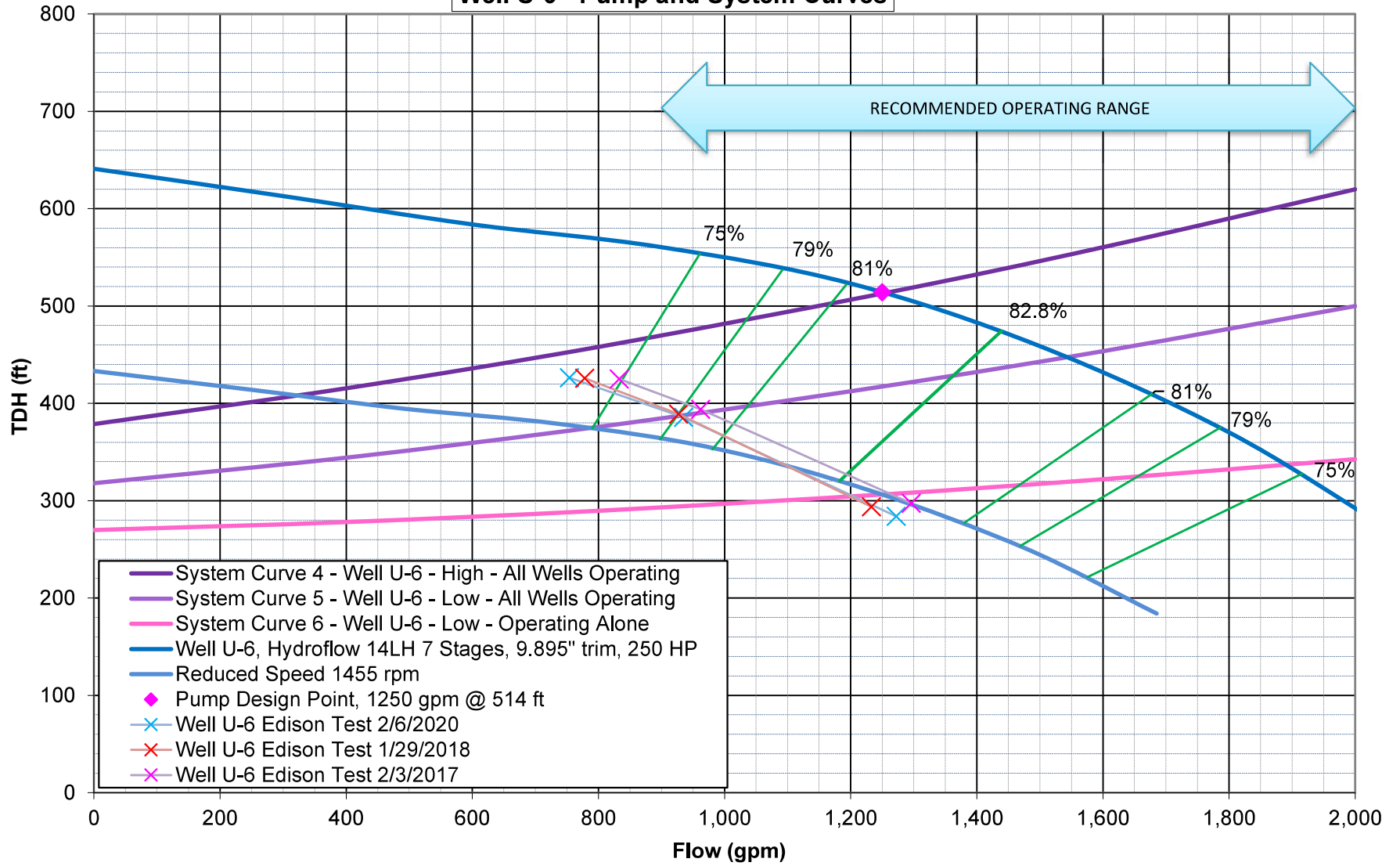
Well	Flow (gpm)	TDH (ft)	Motor Size (HP)	Selected Pump
Saugus 1	1100	486	250	Hydroflow 12LC, 7 Stages, 8.19" trim
Saugus 2	1100	470	250	Hydroflow 12LC, 7 Stages, 8.19" trim
U-4	1000	485	200	Hydroflow 12LC, 6 Stages, 8.525" trim
U-6	1250	514	250	Hydroflow 14LH, 7 Stages, 9.895" trim
T-7	1200	494	250	Hydroflow 14LH, 7 Stages, 9.895" trim

T7, U4, and U6 Wells
Pump and System Curves

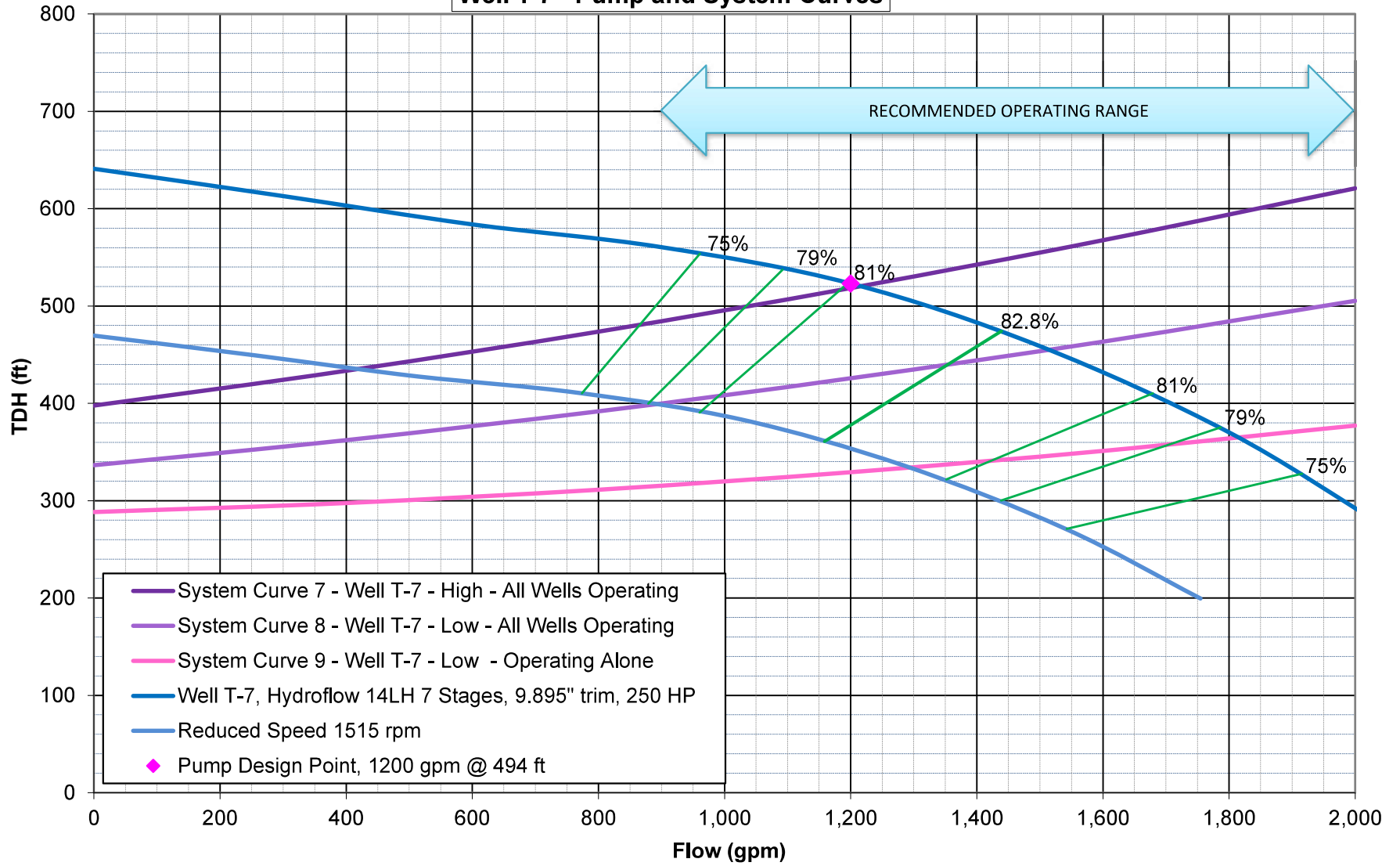
**Santa Clarita Valley Water Agency
Well U-4 - Pump and System Curves**



**Santa Clarita Valley Water Agency
Well U-6 - Pump and System Curves**

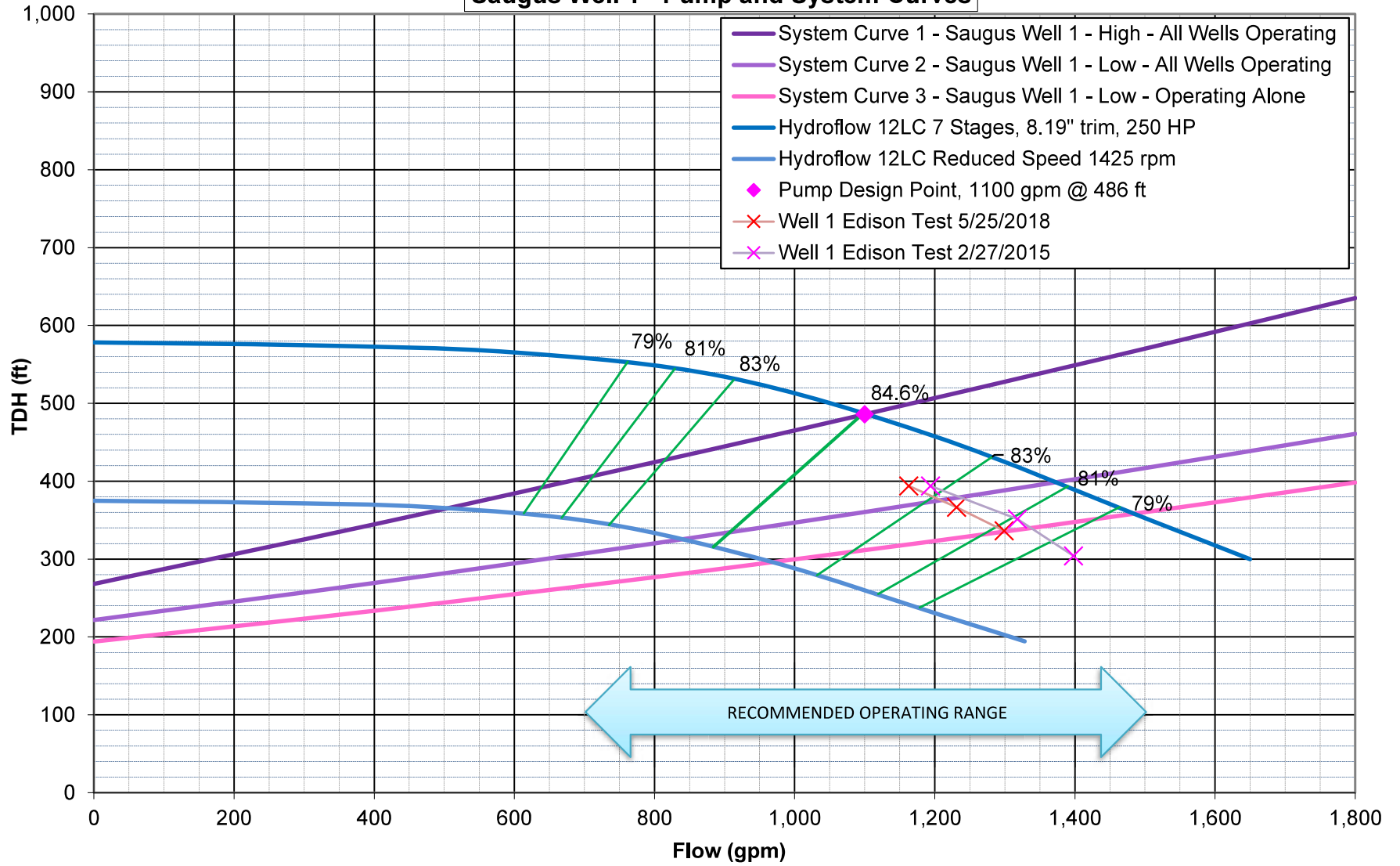


**Santa Clarita Valley Water Agency
Well T-7 - Pump and System Curves**

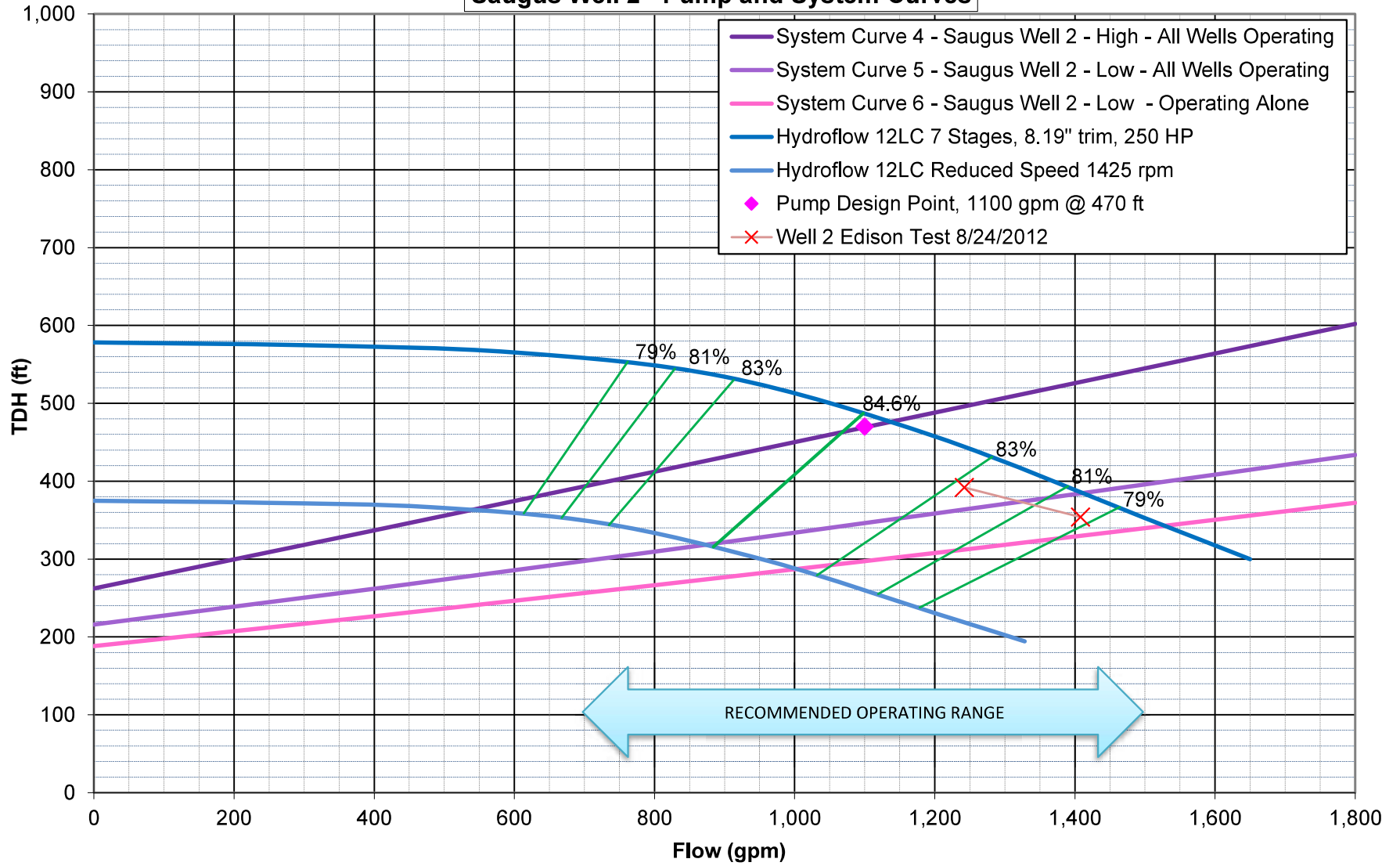


Saugus 1 and Saugus 2 Wells
Pump and System Curves

Santa Clarita Valley Water Agency Saugus Well 1 - Pump and System Curves



Santa Clarita Valley Water Agency Saugus Well 2 - Pump and System Curves



Hazen *Technical Memorandum (Draft)*

March 8, 2021

To: Orlando Moreno, PE
From: Alex Rahimian-Pour, PE
Alejandro Quiroz
Daniel Loza

T7, U4, U6, Saugus 1, and Saugus 2 Wells Groundwater Treatment Improvements and New RVIPS Disinfection Facility – Preliminary Electrical Evaluation

Introduction

This Technical Memorandum (TM) provides a preliminary evaluation of available power at the Rio Vista Intake Pump Station (RVIPS) site and provide recommendations for the electrical upgrades and/or infrastructure required to provide power to the proposed treatment facility.

SCV Water is planning to construct PFAS treatment improvements for T7, U4, and U6 wells, VOC treatment system for Saugus 1 and Saugus 2 Wells, and a new disinfection facility at the SCV Water RVIPS site. The major improvements include construction of a new PFAS groundwater treatment system to treat raw groundwater from T7, U4, and U6 Wells and VOC treatment system for removal of VOC compounds from Saugus 1 and Saugus 2 Wells. In addition, a new centralized disinfection facility is required to include a liquid ammonium sulfate feed and storage system and an on-site sodium hypochlorite generation system to disinfect treated water from T7, U4, U6, Q2, Saugus 1 and Saugus 2 Wells.

1. Proposed Improvements

1.1 Electrical Basis of Design

The anticipated new loads for this project are anticipated to be 208VAC or 120VAC, single phase. The anticipated new loads include – Sodium Hypochlorite Metering Skids and Pumps, Ammonium Sulfate Metering Skids and Pumps, Chlorine Analyzers, Flow Meters, Lighting, and some other miscellaneous electrical equipment.

1.2 Electrical Upgrades and Improvements

Electrical upgrades and improvements are a portion of the proposed improvements. A summary of the proposed improvements is provided herein.

Currently the site has two existing lighting panels that supply 208/120V power throughout the facility. One existing lighting panel (LP-A), see Figure 1.2.2 is located at the Pump Room and the other existing lighting panel (LP-C), see Figure 1.2.3 is located at the northwest area of the facility near the existing Chemical Storage Building. Existing Lighting Panel LP-A does not have spare breakers or space available for use. Existing lighting panel LP-C does have spare breakers available for use but due to the number of equipment that require power at the proposed project location of the northwest area of the facility. We recommend installing a new 208/120V lighting panel to serve the northwest area of the facility. The new lighting panel will be sub-fed from the existing lighting panel LP-C. Modification to existing lighting panel LP-C will need to be made to accommodate this work.

There is additional work at the proposed project location of the southeast area of the facility that does not have available power. We recommend installing a new dry type transformer and a new 208/120V lighting panel to serve the southeast area of the facility.

The existing 480VAC power distribution panel (DP-A), see Figure 1.2.4, located in the Pump Room will supply 480VAC to the new dry type transformer primary which will step down the voltage to 208/120VAC secondary. The 208/120VAC secondary of the dry type transformer will supply the new 208/120V lighting panel. Modification to existing power distribution panel DP-A will need to be made to accommodate this work.



Figure 1.2.2 – Existing Lighting Panel (LP-A) located at the Pump Room

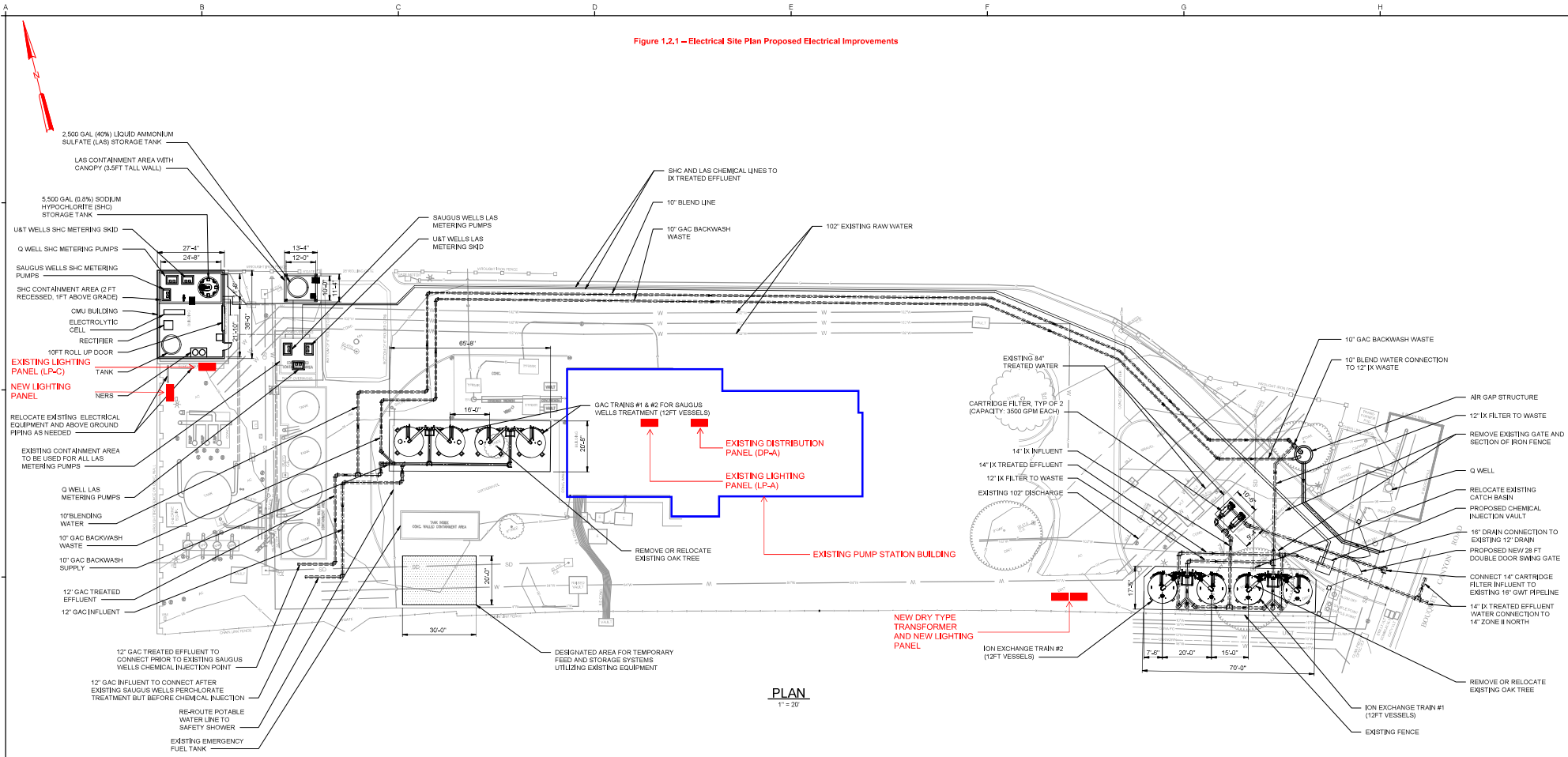


Figure 1.2.3 – Existing Lighting Panel (LP-C) located at Chemical Storage Building



Figure 1.2.4 – Existing Power Distribution Panel (DP-A) located at the Pump Room

Figure 1.2.1 – Electrical Site Plan Proposed Electrical Improvements



PLAN
1" = 30'

DRAFT COPY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'
20' 10' 0' 20'

REVISIONS				SCALES	DESIGNED BY: XXXXX	PLANS PREPARED BY: Hazen HAZEN AND SAWYER 7700 IRVINE GARDEN DRIVE, SUITE 200 IRVINE, CALIFORNIA 92618	SANTA CLARITA VALLEY WATER AGENCY ENGINEERING SERVICES SECTION 26521 SUMMIT CIRCLE SANTA CLARITA, CA, 91360 (661) 259-2737	T7, U4, U6, SAUGUS 1, AND SAUGUS 2 WELLS GROUNDWATER TREATMENT IMPROVEMENTS AND NEW RVIPS DISINFECTION FACILITY		DATE:
NO.	DESCRIPTION	DATE	BY					ELECTRICAL PROPOSED IMPROVEMENTS PRELIMINARY CONCEPTUAL LAYOUT		MARCH 2021
									PROJECT NO: HAZEN: 20155-005	
									SOWWA: XXXXXX	
									SHEET:	



February 3, 2022

T & U Wells PFAS Treatment, Saugus 1 and 2 Wells VOC Treatment and New Disinfection Facility at the Existing Rio Vista Intake Pump Station

Approval of a Work Authorization for Final Design Services

**Engineering and Operations
Committee Meeting**

Facilities Vicinity Map

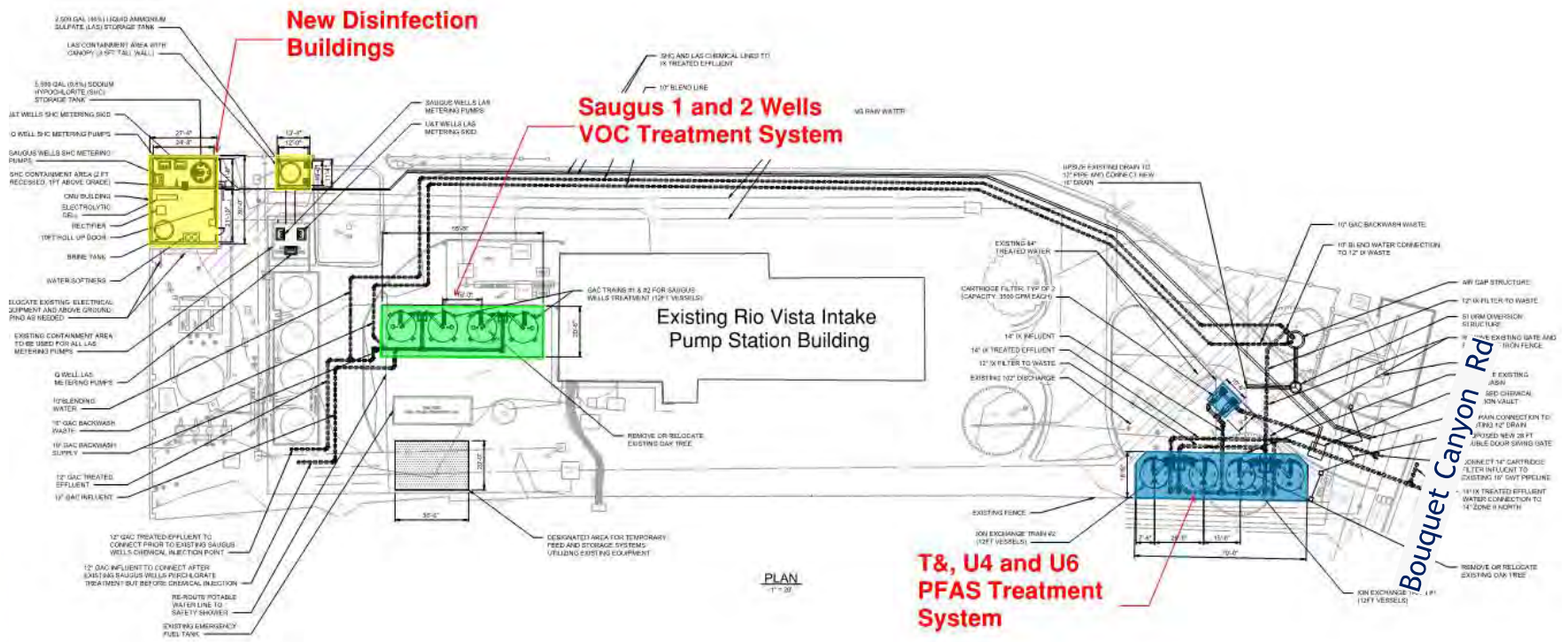


Rio Vista Intake Pump Station

Existing Site Conditions



Preliminary Site Plan of Proposed Improvements



Rendering of Proposed Improvements at RVIPS



Final Design Proposals and Consultant Selection

- ❖ RFP was issued to 4 of the engineering firms from the on-call list. Staff received 1 proposal from Hazen and Sawyer, Inc.
- ❖ RFP was rebid and reissued to 4 additional engineering firms. No additional fee proposals were received.
- ❖ Hazen & Sawyer, Inc. selected as consultant to complete Final Design.



Design Project Budget

Final Engineering & Design Budget

Total Final Engineering Fee: \$898,833

Total Design Fee ⁽¹⁾	Estimated Design Costs for T7, U4 and U6 Wells PFAS Treatment System ⁽²⁾	Estimated Design Cost for New Disinfection Facility ⁽²⁾	Estimated Design Cost for Saugus 1 and 2 Well VOC Treatment ⁽³⁾
\$898,833	\$270,188	\$378,826	\$249,819

- 1) FY 2021/22 CIP Budget for Design is \$1,000,000
- 2) Potential Funding available through grant or zero/low interest loan by SWRCB State Revolving Fund (LARC Incentive)
- 3) The costs of VOC Treatment for Saugus 1 and 2 have been identified as damages in a contamination claim against Whittaker Bermite

Total Estimated Construction Budget (Planning Level): \$11.75 Million



Project Schedule

- **Estimated Final Design Timeline**

- E&O Approval 2/3/2022
- Board of Director's Approval 3/1/2022
- Commence Final Design 3/7/2022
- Complete Final Design 1/28/2023

- **Estimated Construction Award Timeline**

- Public Bidding 3/3/2023
- E&O Approval 4/6/2023
- Board of Director's Approval 5/2/2023
- Start Construction 6/5/2023
- Substantial Completion 7/5/2024



Project Recommendation

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

Authorize the General Manager to issue a purchase order to Hazen and Sawyer, Inc. in the amount not to exceed \$898,833 for final design services for the proposed PFAS groundwater treatment improvements for the existing T7, U4 and U6 Wells, VOC groundwater treatment for the existing Saugus 1 and 2 wells, and a new disinfection facility to be located at the existing SCVWA Rio Vista Intake Pump Station.



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COMMITTEE MEMORANDUM

DATE: January 24, 2022

TO: Engineering and Operations Committee

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

SUBJECT: Recommend Adopting a Resolution Approving Funding for Construction Cost of the Pitchess Pipeline Modifications During the I-5 North Capacity Enhancement Project to the Los Angeles County Metropolitan Transportation Authority

SUMMARY

The Los Angeles County Metropolitan Transportation Authority (Metro) acting by and through the Department of Transportation is in process of widening the Interstate 5 Freeway in North County, from the State Route 14 Interchange in Santa Clarita to south of Parker Road in Castaic. This Capacity Enhancements Project (I-5 Project) generally includes the construction of high occupancy vehicles lanes, truck lanes, retaining walls, sound-walls and a median barrier. The Agency's existing Pitchess Pipeline is in the area where the I-5 Project improvements will be constructed. During design of the I-5 Project, it was determined that the steel casing on the Pitchess Pipeline will need to be extended to account for the freeway widening and new walls. On May 29, 2019, SCV Water executed a Utility Agreement with Metro for a reimbursement of its share of the actual cost of the work completed based on the actual bid price of the construction contract. Metro awarded the construction contract to OHL USA, Inc. dba Group OHL North America (OHL). The contractor's bid amount for the Pitchess Pipeline Modifications work is \$139,000.

Staff recommends that the SCV Water Board of Directors approve the funding for construction of the Pitchess Pipeline Modifications to Metro.

DISCUSSION

The 24-inch diameter steel Pitchess Pipeline was constructed in 2006. The portion of the Pitchess Pipeline that crosses under the I-5 freeway is installed inside a 42-inch diameter steel casing for pipeline protection. The existing pipeline casing currently ends near the existing edge of the freeway and will need to be extended when the freeway is widened as part of the I-5 Project.

In 2019, SCV Water executed a Utility Agreement with Metro, which requires SCV Water to pay the actual cost of the pipeline modification work. At the time the agreement was prepared, the estimated cost of the pipeline work was \$49,895. Metro advertised the project for construction, and received three (3) construction bids from OHL, Flatiron Security Paving and Skanska. Metro determined that the lowest responsive bid of three (3) bids submitted was from OHL. Metro awarded the construction contract to OHL in amount of \$379,957,231.73 on June 15, 2021, and on August 18, 2021 Metro issued their Notice to Proceed to OHL. OHL's bid item price for the Pitchess Pipeline modification work is \$139,000.

Metro will manage the construction of the I-5 Project, including the Pitchess Pipeline work. Any change order request for the Pitchess Pipeline work shall be submitted by the Metro to SCV Water for review and approval prior to the change order work. Upon completion of the Pitchess Pipeline work, and following SCV Water's acceptance of the construction work, Metro will invoice SCV Water for the actual costs of the Pitchess Pipeline work, in accordance with the Utility Agreement, and SCV Water will reimburse the construction costs to Metro. According to the Contractor's current construction schedule, the Pitchess Pipeline work is scheduled to be constructed between February 29, 2024 and March 27, 2024.

CEQA DETERMINATION

The proposed action today is authorizing the funding for the construction of the Pitchess Pipeline Modifications to Metro. The whole of the action also includes the 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. Therefore, the project is subject to CEQA.

The California Department of Transportation, District 7 (Caltrans) served as lead agency for the environmental review, analysis, and approval of the I-5 HOV/Truck Lanes Project (SCH #2007051028), including the Pitchess Pipeline Modification Project pursuant to the requirements of CEQA and the State CEQA Guidelines. Caltrans certified the Environmental Impact Report for the I-15 HOV/Truck Lanes Project in October of 2009. The Board has limited approval and implementing authority over the project and, thus, is a "responsible agency" for the project pursuant to the requirements of CEQA Guidelines Section 15096. All the procedures of CEQA have been met, and the EIR, prepared in connection with the I-5 HOV/Truck Lanes Project, is sufficiently detailed so that all the potential effects of the Pitchess Pipeline Modification Project on the environment and measures necessary to avoid or substantially lessen such effects have been evaluated in accordance with CEQA. Accordingly, staff recommends that, as a responsible agency under CEQA, the Board finds that, as to those potential environmental impacts within the Board's powers and authorities as responsible agency, that the EIR, and supporting environmental documentation contain a complete, objective, and accurate reporting of those potential impacts, and that these findings reflect the independent judgment and analysis of the Board.

FINANCIAL CONSIDERATIONS

Although the current bid amount for the pipeline work is \$139,000, staff is requesting an approval amount up to \$159,000 to account for miscellaneous pipeline work and/or price adjustments. The Pitchess Pipeline modification is funded in the Agency's FY 2021/22 Budget for the Pipeline Relocations Project, and there are adequate funds remaining for this work. The Pipeline Relocations budget in FY 2021/21 Budget is \$300,000. As of January 12, 2022, the total project expenditures are \$81,798.32.

The Utility Agreement requires that SCV Water shall reimburse Metro for the actual construction costs of the Pitchess Pipeline modifications work after the construction work is completed and has been accepted by the Agency. The construction of Pitchess Pipeline modifications is scheduled to be completed by April 2024, in two years, during the fiscal year 2023/24. The construction cost of the Pitchess Pipeline will be budgeted in the FY 2023/24 Budget.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors adopt the attached resolution approving funding for construction costs in an amount not to exceed \$159,000 for the Pitchess Pipeline modifications to the Los Angeles County Metropolitan Transportation Authority.

Attachments

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RESOLUTION NO. _____

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
APPROVING, PURSUANT TO THE I-5 HOV/TRUCK LANES PROJECT EIR,
FUNDING FOR A CONSTRUCTION COST OF PITCHESS PIPELINE
MODIFICATIONS DURING THE I-5 NORTH CAPACITY ENHANCEMENTS PROJECT
TO LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

WHEREAS, The Los Angeles County Metropolitan Transportation Authority (Metro) acting by and through the Department of Transportation is in process of constructing the Capacity Enhancements on the Interstate 5 Freeway in North County, from the State Route 14 Interchange in Santa Clarita to south of Parker Road in Castaic; and

WHEREAS, The I-5 North Capacity Enhancement Project is expected to construct improvements that will impact the Santa Clarita Valley Agency's (SCV Water) Pitchess Pipeline resulting in a need for pipeline modifications work; and

WHEREAS, Metro will be constructing the Pitchess Pipeline modifications as a part of its I-5 North Capacity Enhancement Project; and

WHEREAS, SCV Water has determined that it is in the public interest and for public benefits that the Pitchess Pipeline modifications will be constructed as a part of the I-5 North Capacity Enhancement Project; and

WHEREAS, on May 29, 2019, SCV Water executed a Utility Agreement with Metro for reimbursement of its share of the actual cost of the Pitchess Pipeline modifications work; and

WHEREAS, on June 15, 2021, Metro awarded the construction contract to OHL USA, Inc. dba Group OHL North Marica (OHL) in an amount of \$379,957,231.73 and the bid item for the Pitchess Pipeline Modifications work is \$139,000.00; and

WHEREAS, the Board of Directors of the Santa Clarita Valley Water Agency has reviewed and evaluated the Staff Report and related agenda materials, and staff has verified that any utility modifications are within the scope of work of the I-5 HOV/Truck Lane Project EIR, and has provided opportunities for and received public comment; and

WHEREAS, the Pitchess Pipeline Modification (Project) proposes to extend the existing pipeline casing currently ending near the existing edge of the freeway when the freeway is widened as part of the I-5 Project; and

WHEREAS, the California Department of Transportation, District 7 (Caltrans) served as lead agency for the environmental review, analysis, and approval of the I-15 HOV/Truck Lanes Project (SCH #2007051028), including the Pitchess Pipeline Modification Project pursuant to the requirements of the California Environmental Quality Act (Public Resources Code section 21000 et seq.) and the State CEQA Guidelines (14 Cal. Code Regs., § 15000 et seq.) (CEQA); and

WHEREAS, the Board has limited approval and implementing authority over the Project and, thus, is a “responsible agency” for the Project pursuant to the requirements of CEQA Guidelines Section 15096; and

WHEREAS, all the procedures of CEQA have been met, and the EIR, prepared in connection with the I-5 HOV/Truck Lanes Project, is sufficiently detailed so that all of the potential effects of the Pitchess Pipeline Modification Project on the environment and measures necessary to avoid or substantially lessen such effects have been evaluated in accordance with CEQA; and

WHEREAS, the environmental documents including the original EIR are posted and available for review on the Santa Clarita Valley Water Agency website “Document Library” at <https://yourscvwater.com/wp-content/uploads/2022/01/2332E-Signed-Revalidation-03.16.2019.pdf> and <https://yourscvwater.com/wp-content/uploads/2022/01/Final-EIR-I-5-HOV-Truck-Lanes-Project-Sept-2009.pdf>; and

WHEREAS, in acting upon this matter, the Board has exercised its independent judgment based on substantial evidence in the record and adopts and relies upon the facts, data, analysis, and findings set forth in the Staff Report, and in related agenda materials and in testimony received.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

Section 1. As a responsible agency under CEQA, the Board has reviewed and considered the information contained in the EIR, and all supporting documentation. Based on this review, the Board finds that, as to those potential environmental impacts within the Board’s powers and authorities as responsible agency, that the EIR, and supporting environmental documentation contain a complete, objective, and accurate reporting of those potential impacts, and that these findings reflect the independent judgment and analysis of the Board.

Section 2. That the Board does authorize its General Manager or its Chief Engineer to approve the funding to the Los Angeles County Metropolitan Transportation Authority costs in an amount not to exceed \$159,000 for construction costs of the Pitchess Pipeline Modifications.

Section 3. The Board directs staff to file a Notice of Determination if the Project is approved.

Section 4. This resolution shall become effective immediately upon adoption by the Board.



February 3, 2022

**Approval of the Funding for a Construction
of the Pitchess Pipeline Modifications
During the I-5 North Capacity Enhancement
Project to Los Angeles County Metropolitan
Authority**

**Engineering and Operations
Committee Meeting**

Pitchess Pipeline Modification during I-5 N. Capacity Enhancement Project Location Map



YOURSCVWATER.COM



Pitchess Pipeline Modifications Project Schedule

- May 29, 2019 - Utility Agreement executed with the LA County Metropolitan Transportation Authority (Metro)
- June 15, 2021 - Metro awarded construction contract for the I-5 N. Capacity Enhancement Project to OHL USA, Inc. in an amount of \$379,957,231.73. Bid Item for the Pitchess Pipeline Modifications work is \$139,000.
- August 18, 2021 - Metro issued the Notice to Proceed to OHL USA, Inc.
- August 2021 to October 2026 - I-5 N. Capacity Enhancement Project Construction
- February 2024 to March 2024 - Pitchess Pipeline Modifications Construction



Recommendation

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

Adopt a resolution approving the funding for the construction costs in an amount to not exceed \$159,000 for the Pitchess Pipeline Modifications to the Los Angeles Metropolitan Transportation Authority.





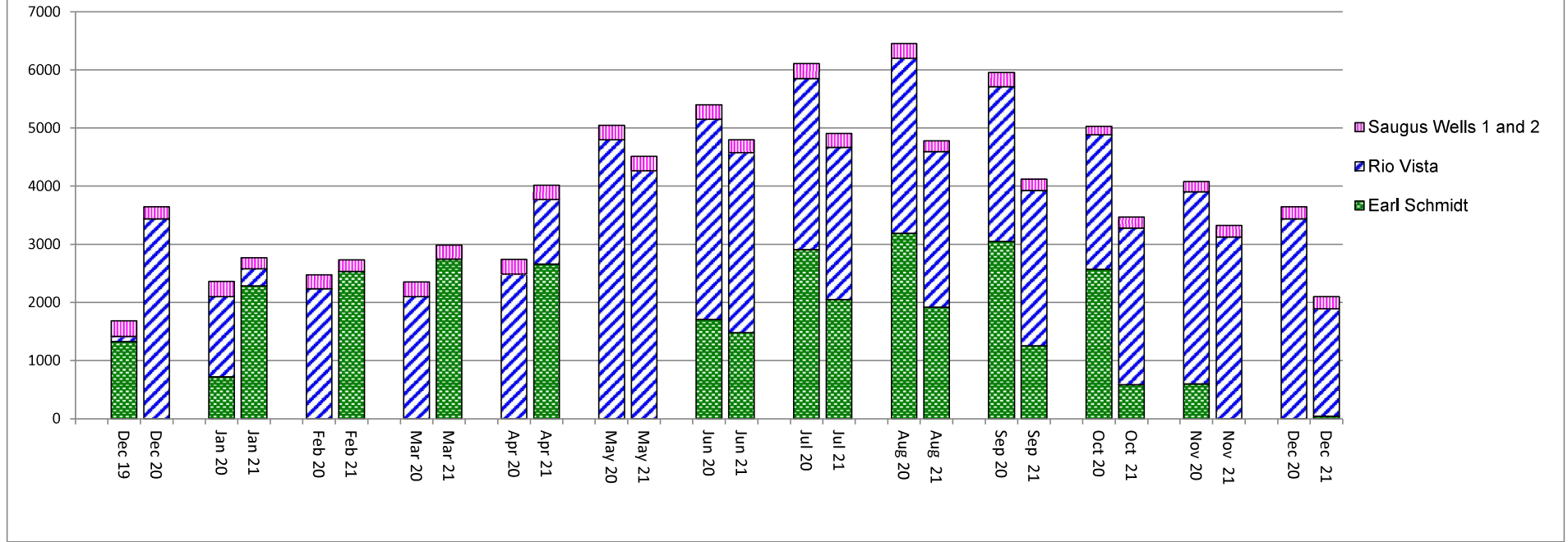
Monthly Operations & Production Report

December 2021

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SANTA CLARITA VALLEY WATER AGENCY
December 2021 Regional Operations Report

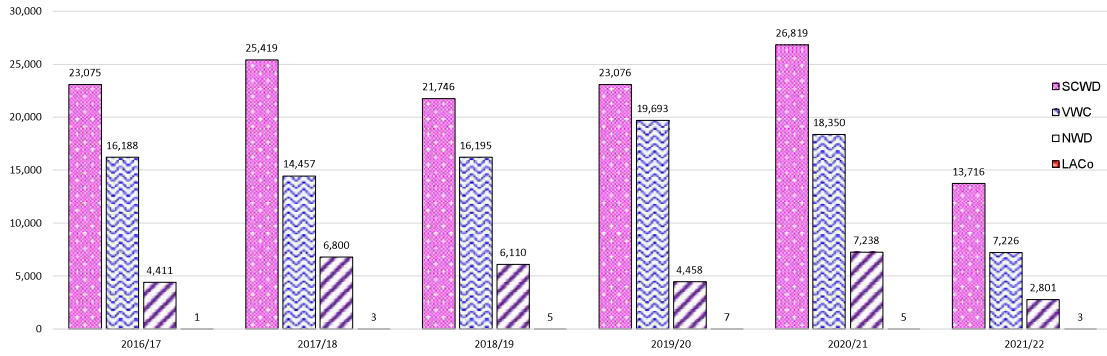
Water Supply (acre-feet)



Source	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
Earl Schmidt	0	2289	2533	2748	2659	0	1484	2049	1922	1252	587	0	43	17566
Rio Vista	3436	292	0	0	1115	4265	3098	2620	2675	2671	2689	3127	1847	27835
Saugus 1 and 2	211	189	197	239	241	251	218	239	183	200	193	200	205	2766
Total	3647	2770	2730	2987	4015	4516	4800	4908	4780	4123	3469	3327	2095	46072
Total Sold	3605	2766	2662	2871	3887	4500	4809	5030	5069.61	4559	3585	3390	2113	48846.61
RWTP Use/Storage	42.02	-39.16	7.31	4.66	34.82	29.93	48.12	-26.35	89.5	8.6	24.69	22.18	59.27	305.59
Total Use	3647.02	2726.84	2669.31	2875.66	3921.82	4529.93	4857.12	5003.65	5159.11	4567.6	3609.69	3412.18	2172.27	46979.93
Water Loss	-0.01%	-1.56%	-2.22%	-3.73%	-2.32%	0.31%	1.19%	1.95%	7.93%	10.78%	4.06%	2.56%	3.69%	1.58%
Recycled Water	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
Valencia	20	16	15	23	38	51	66	71	66	56	42	28	9	501

* 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	1,882	1,274	1,110	493	1,177	1,770	1,632	2,189	21,746
VWC	1,921	2,026	1,743	1,300	1,084	459	513	232	1,205	1,819	1,701	2,193	16,195
NWD	1,023	1,012	881	537	382	214	181	76	352	428	422	603	6,110
LACo	1	0	0	1	0	0	1	1	1	1	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
VWC	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
VWC	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	0	0	0	0	0	0	13,716
VWC	1,381	1,439	1,386	1,172	1,158	690	0	0	0	0	0	0	7,226
NWD	700	705	581	358	291	167	0	0	0	0	0	0	2,801
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	0	0	0	0	0	0	23,747
Cum. FYTD	5,030	10,100	14,660	18,244	21,634	23,747	23,747	23,747	23,747	23,747	23,747	23,747	

*Total does not include recycled water.

SANTA CLARITA VALLEY WATER AGENCY

Record of Weather Observations

December 2021

DATE	High Temperature (°F)	Low Temperature (°F)	Precipitation (inches) 2021	Precipitation (inches) 2020
1-Dec	82	46	0.00	0.00
2-Dec	78	41	0.00	0.00
3-Dec	69	36	0.00	0.00
4-Dec	70	36	0.01	0.00
5-Dec	79	36	0.00	0.00
6-Dec	75	40	0.00	0.00
7-Dec	62	43	0.03	0.00
8-Dec	67	39	0.01	0.00
9-Dec	54	48	0.09	0.00
10-Dec	58	33	0.00	0.00
11-Dec	63	32	0.00	0.00
12-Dec	63	28	0.00	0.00
13-Dec	52	35	0.16	0.00
14-Dec	54	32	3.53	0.00
15-Dec	55	29	0.01	0.00
16-Dec	53	29	0.03	0.00
17-Dec	59	35	0.01	0.00
18-Dec	61	34	0.00	0.00
19-Dec	67	30	0.00	0.00
20-Dec	64	28	0.00	0.00
21-Dec	63	38	0.00	0.00
22-Dec	63	37	0.01	0.00
23-Dec	52	48	3.00	0.01
24-Dec	57	47	0.56	0.00
25-Dec	51	45	0.77	0.00
26-Dec	55	35	0.01	0.00
27-Dec	48	36	0.08	0.03
28-Dec	51	35	0.00	1.35
29-Dec	49	35	1.52	0.01
30-Dec	49	43	4.03	0.00
31-Dec	57	37	0.00	0.00

TOTAL

13.86

1.40

2021-2022

2020-2021

Total Precipitation (inches) of Current Month

13.86

1.40

Total Precipitation (inches) End of Previous Month

1.26

0.18

Total Precipitation (inches) Since October 1st

15.12

1.58

Temperature (°F) Averages for Current Month

HIGH

60.6

66.7

LOW

37.0

37.5

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

	<i>2000-01</i>	<i>2001-02</i>	<i>2002-03</i>	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>
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
	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>2019-20</i>	<i>2020-21</i>	<i>2021-22</i>
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	
Feb	0.13	0.42	5.26	0.74	0.69	8.98	0.35	8.56	0.12	0.03	
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	15.12

SANTA CLARITA VALLEY WATER AGENCY
 WATER PRODUCTION BY WELL 2021 (ACRE-FEET)

NEWHALL WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
N12	108	70	132	160	190	212	227	218	210	164	150	96	1937
N13	120	77	146	178	215	237	259	249	239	186	169	108	2182
C1	27	30	33	39	0	1	57	57	53	41	36	25	398
C2	13	14	15	19	24	25	26	26	24	19	17	12	232
C7	36	39	44	56	67	72	74	74	69	54	48	34	668
P1	0	0	0	0	0	0	0	0	21	28	21	22	92
P3	0	0	0	0	0	32	63	60	49	53	47	54	359
P4	0	0	0	0	0	0	0	0	0	0	0	0	0
P5	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NWD	303	230	371	462	495	678	704	684	666	644	489	351	5867

SANTA CLARITA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LOST CANYON NO.2	23	21	23	27	32	31	34	37	26	21	15	8	298
LOST CANYON NO.2A	48	23	52	69	76	69	75	84	70	30	32	17	645
SAND CANYON	50	48	58	58	68	71	76	85	72	52	24	16	678
MITCHELL 5A	0	0	0	0	0	0	39	26	34	47	37	22	205
MITCHELL 5B	0	0	0	0	0	0	0	0	0	0	0	0	0
SIERRA	0	0	0	0	0	0	65	88	87	73	65	40	418
NORTH OAKS EAST	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH OAKS CENTRAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0	0	0	0	0
HONBY	0	0	0	0	0	0	0	0	0	0	0	0	0
GUIDA	16	47	51	57	67	72	74	74	69	43	39	32	640
CLARK	0	0	0	0	0	0	0	0	0	0	0	0	0
SANTA CLARA	0	0	0	0	0	0	0	0	0	0	0	0	0
VALLEY CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SCWD	137	139	184	211	243	243	363	394	358	266	211	135	2884

VALENCIA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	0	0	0	0	0	0	0	0	0	0	0	0	0
E15	47	54	69	103	90	129	141	154	115	85	63	67	1115
E17	34	41	44	81	76	105	121	121	83	69	73	60	909
N	77	117	107	99	123	114	105	94	84	96	92	89	1198
N7	116	165	158	100	139	105	143	145	178	177	169	146	1741
N8	74	128	145	169	173	193	173	156	121	135	134	162	1763
Q2	0	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0	0
U6	0	0	0	0	0	0	0	0	0	0	0	0	0
U4	0	0	0	0	0	0	0	0	0	0	0	0	0
S6	0	0	0	0	0	0	0	0	0	0	0	0	0
S7	0	0	0	0	0	0	0	0	0	0	0	0	0
S8	0	0	0	0	0	0	0	0	0	0	0	0	0
W11	2	51	66	97	66	131	133	136	126	126	65	20	1021
W9	31	32	48	90	107	103	106	108	100	96	49	16	885
W10	0	0	0	0	0	0	153	194	181	154	90	29	802
159 (GOLF COURSE IRRIGATION)	0	1	2	0	4	12	2	5	4	1	2	0	34
160 (SYSTEM)	1	9	6	6	2	65	110	15	0	4	64	24	306
160 (GOLF COURSE IRRIGATION)	22	33	37	65	74	85	87	83	55	85	36	10	671
201 (SYSTEM)	0	0	0	0	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0	0	0	0	0
206	76	95	145	205	118	199	256	267	213	85	91	18	1767
207	82	2	0	39	163	220	280	279	219	92	97	20	1494
TOTAL VWD	562	728	827	1053	1134	1462	1809	1758	1480	1207	1023	662	13706

S1	113	114	132	134	137	125	130	100	103	96	100	102	1387
S2	76	84	107	106	114	92	109	83	97	96	100	103	1167
TOTAL S1 & S2	189	197	239	241	251	218	239	183	200	193	200	206	2554

TOTAL WELL PRODUCTION	1192	1294	1621	1957	2124	2502	3116	3019	2703	2210	1923	1363	25071
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WELL 201 (NON-SYSTEM)	106	97	98	86	0	0	0	0	0	0	0	0	387
WELL 205 (NON-SYSTEM)	0.00	0.00	0.00	5.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.42
HONBY (NON-SYSTEM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MITCHELL 5B (NON-SYSTEM)	0.19	0.42	0.00	0.43	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22
N (NON-SYSTEM)	4.13	0.01	0.00	0.00	0.10	0.00	0.00	0.00	0.02	0.00	0.00	0.00	4.26
N7 (NON-SYSTEM)	4.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.08
N8 (NON-SYSTEM)	2.04	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.05	0.00	0.00	0.00	2.31
NORTH OAKS CENTAL (NON-SYSTEM)	0.00	0.59	0.00	0.60	0.21	0.00	0.00	0.25	0.00	0.16	0.14	0.00	1.96
Q2 (NON SYSTEM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S8 (NON-SYSTEM)	0.72	0.31	0.00	0.19	0.09	0.00	0.25	0.11	0.00	0.03	0.28	0.01	1.99
T7 (NON-SYSTEM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VALLEY CENTER (NON-SYSTEM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W10 (NON-SYSTEM)	0.00	0.42	0.00	0.00	0.39	0.61	0.00	0.00	0.00	0.00	0.00	0.00	1.43
P3 (NON-SYSTEM)	0.00	0.11	0.00	0.35	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48

NEWHALL WATER DIVISION
WATER PRODUCTION 2021 (ACRE-FEET)

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NEWHALL SYSTEM													
N12	108	70	132	160	190	212	227	218	210	164	150	96	1937
N13	120	77	146	178	215	237	259	249	239	186	169	108	2182
CASTAIC SYSTEM													
C1	27	30	33	39	0	1	57	57	53	41	36	25	398
C2	13	14	15	19	24	25	26	26	24	19	17	12	232
C7	36	39	44	56	67	72	74	74	69	54	48	34	668
PINETREE SYSTEM													
P1	0	0	0	0	0	0	0	0	21	28	21	22	92
P3	0	0	0	0	0	32	63	60	49	53	47	54	359
P4	0	0	0	0	0	0	0	0	0	0	0	0	0
P5	0	0	0	0	0	0	0	0	0	0	0	0	0
S1 & S2	51	53	64	64	67	58	64	49	54	52	54	55	684
TOTAL GROUNDWATER	354	283	435	517	563	637	768	733	719	596	542	406	6552
SURFACE WATER + S1 & S2													
NEWHALL SYSTEM													
N-3	43	125	38	58	33	28	46	62	28	43	35	47	585
CASTAIC SYSTEM													
N-1	32	20	26	35	95	100	57	53	49	38	35	33	571
PINETREE SYSTEM													
N-2	122	111	127	169	202	185	179	175	145	86	84	19	1604
TESORO SYSTEM													
N-4	117	91	127	311	359	393	418	416	359	191	137	67	2988
TOTAL SURFACE WATER + S1 & S2	313	347	318	573	689	705	700	705	581	358	291	167	5747
TOTAL GROUNDWATER (INCLUDES S1 & S2)	354	283	435	517	563	637	768	733	719	596	542	406	6552
TOTAL SURFACE WATER (NO S1 & S2)	263	294	254	508	621	647	636	656	527	307	237	112	5063
TOTAL PRODUCTION (GW + SURFACE WATER)	617	578	689	1025	1184	1284	1404	1389	1246	902	779	518	11615
% BY SOURCE													
GROUNDWATER	57%	49%	63%	50%	48%	50%	55%	53%	58%	66%	70%	78%	56%
SURFACE WATER	43%	51%	37%	50%	52%	50%	45%	47%	42%	34%	30%	22%	44%
P3 (NON-SYSTEM) *	0.00	0.11	0.00	0.35	0.02	0	0	0	0	0	0	0	0.48

* Not used in the calculation for % by Source

**SANTA CLARITA WATER DIVISION
WATER PRODUCTION 2021 (ACRE-FEET)**

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LOST CANYON NO.2	23	21	23	27	32	31	34	37	26	21	15	8	298
LOST CANYON NO.2A	48	23	52	69	76	69	75	84	70	30	32	17	645
SAND CANYON	50	48	58	58	68	71	76	85	72	52	24	16	678
MITCHELL 5A (online 7/7)	0	0	0	0	0	0	39	26	34	47	37	22	205
MITCHELL 5B	0	0	0	0	0	0	0	0	0	0	0	0	0
SIERRA (online 7/6)	0	0	0	0	0	0	65	88	87	73	65	40	418
NORTH OAKS EAST	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH OAKS CENTRAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0	0	0	0	0
HONBY	0	0	0	0	0	0	0	0	0	0	0	0	0
GUIDA	16	47	51	57	67	72	74	74	69	43	39	32	640
CLARK	0	0	0	0	0	0	0	0	0	0	0	0	0
SANTA CLARA	0	0	0	0	0	0	0	0	0	0	0	0	0
VALLEY CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ALLUVIUM	137	139	184	211	243	243	363	394	358	266	211	135	2884
SAUGUS WELLS S1 & S2	139	144	175	176	184	159	175	134	146	141	146	150	1870
TOTAL GROUNDWATER	276	283	359	387	427	402	538	528	504	407	358	285	4754
SURFACE + S1 & S2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
SC-1 BOUQUET	326	227	189	200	175	183	209	202	171	157	193	140	2372
SC-2 HONBY	0	0	0	0	0	0	0	0	0	0	0	0	0
SC-3 WILEY	73	76	93	128	143	145	159	158	149	114	77	5	1321
SC-4 HONBY #2	356	404	486	450	602	657	658	650	624	497	442	232	6059
SC-5 RIO VISTA	20	0	0	74	192	177	216	217	185	166	171	115	1533
SC-6 LOST CANYON	64	83	91	123	177	201	207	219	152	149	119	79	1665
SC-7	175	97	119	356	405	393	416	456	404	259	198	126	3406
SC-8	159	169	173	231	254	327	427	404	336	211	238	117	3045
SC-9	87	94	106	119	211	279	286	288	261	275	285	271	2561
SC-10	35	45	52	60	40	57	77	24	58	39	32	41	560
SC-11	0	0	0	0	0	0	0	0	0	0	0	0	0
SC-12	126	113	115	162	84	122	108	127	107	75	89	41	1267
SC-13	127	114	166	178	144	168	185	180	145	112	97	88	1705
TOTAL SURFACE WATER + S1 & S2	1548	1,423	1,690	2,080	2,428	2,709	2,950	2,924	2,593	2,053	1,941	1,255	25,494
METERING ADJUSTMENT	-4.8	-4.6	-3.9	-7.99	0	0	0	0	0	0	0	0	-21.2
NET SURFACE WATER + S1 & S2	1,543	1,418	1,586	2,072	2,428	2,709	2,950	2,924	2,593	2,053	1,941	1,255	25,472
TOTAL GROUNDWATER (INCLUDES S1 & S2)	276	283	359	387	427	402	538	528	504	407	358	285	4754
TOTAL SURFACE WATER (NO S1 & S2)	1,409	1,278	1,415	1,904	2,244	2,549	2,775	2,790	2,447	1,912	1,795	1,105	23,624
TOTAL PRODUCTION (GW + SURFACE WATER)	1,685	1,562	1,774	2,291	2,671	2,952	3,313	3,318	2,951	2,319	2,152	1,390	28,378
% BY SOURCE													
GROUNDWATER	16%	18%	20%	17%	16%	14%	16%	16%	17%	18%	17%	20%	17%
SURFACE WATER	84%	82%	80%	83%	84%	86%	84%	84%	83%	82%	83%	80%	83%
HONBY (NON-SYSTEM) *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MITCHELL 5B (NON-SYSTEM) *	0.19	0.42	0.00	0.43	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22
NORTH OAKS CENTRAL (NON-SYSTEM) *	0.00	0.59	0.00	0.60	0.21	0.00	0.00	0.25	0.00	0.16	0.14	0.00	1.95
VALLEY CENTER (NON-SYSTEM) *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

* Not used in the calculation for % by Source

VALENCIA WATER DIVISION
WATER PRODUCTION 2021 (ACRE-FEET)

ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	0	0	0	0	0	0	0	0	0	0	0	0	0
E15	47	54	69	103	90	129	141	154	115	85	63	67	1115
E17	34	41	44	81	76	105	121	121	83	69	73	60	909
N	77	117	107	99	123	114	105	94	84	96	92	89	1198
N7	116	165	158	100	139	105	143	145	178	177	169	146	1741
N8	74	128	145	169	173	193	173	156	121	135	134	162	1763
Q2	0	0	0	0	0	0	0	0	0	0	0	0	0
T7	0	0	0	0	0	0	0	0	0	0	0	0	0
U6	0	0	0	0	0	0	0	0	0	0	0	0	0
U4	0	0	0	0	0	0	0	0	0	0	0	0	0
S6	0	0	0	0	0	0	0	0	0	0	0	0	0
S7	0	0	0	0	0	0	0	0	0	0	0	0	0
S8	0	0	0	0	0	0	0	0	0	0	0	0	0
W11	2	51	66	97	66	131	133	136	126	126	65	20	1021
W9	31	32	48	90	107	103	106	108	100	96	49	16	885
W10 (online 7/6)	0	0	0	0	0	0	153	194	181	154	90	29	802
TOTAL ALLUVIUM	381	588	637	739	774	882	1074	1108	989	939	734	590	9435
SAUGUS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
159	0	1	2	0	4	12	2	5	4	1	2	0	34
160 - DOM	1	9	6	6	2	65	110	15	0	4	64	24	306
160 - VGC*	22	33	37	65	74	85	87	83	55	85	36	10	671
201	0	0	0	0	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0	0	0	0	0
206	76	95	145	205	118	199	256	267	213	85	91	18	1767
207	82	2	0	39	163	220	280	279	219	92	97	20	1494
TOTAL SAUGUS	181	140	190	315	360	581	735	650	491	268	289	73	4271
SURFACE WATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
V-1	81	90	116	114	159	128	130	141	167	143	146	73	1489
V-2	120	238	230	176	262	435	407	404	313	184	368	157	3294
V-4	75	80	110	140	173	176	124	155	112	55	51	28	1279
V-5	219	260	194	213	228	244	357	362	366	416	173	164	3196
V-6	136	68	58	55	96	100	125	124	140	167	134	125	1327
V-7	111	68	66	76	142	85	56	94	74	23	71	61	928
V-8	162	88	188	459	323	227	182	159	215	184	215	83	2483
TOTAL SURFACE WATER	904	892	962	1,233	1,383	1,395	1,381	1,439	1,386	1,172	1,158	690	13,996
TOTAL GROUNDWATER	562	728	827	1,053	1,134	1,462	1,809	1,758	1,480	1,207	1,023	662	13,706
TOTAL SURFACE WATER	904	892	962	1,233	1,383	1,395	1,381	1,439	1,386	1,172	1,158	690	13,996
TOTAL PRODUCTION (GW + SURFACE WATER)	1,466	1,620	1,789	2,286	2,517	2,858	3,190	3,198	2,865	2,380	2,181	1,352	27,702
% BY SOURCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
GROUNDWATER	37%	44%	45%	44%	43%	50%	56%	54%	51%	49%	46%	49%	48%
SURFACE WATER	63%	56%	55%	56%	57%	50%	44%	46%	49%	51%	54%	51%	52%
RECYCLED WATER	16	15	23	38	51	66	71	65	56	42	28	9	480
Well 201 Discharge *	106	97	98	86	0	0	0	0	0	0	0	0	387
Well 205 Non-System *	0.00	0.00	0.00	5.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.42
Well N Non-System *	4.13	0.01	0.00	0.00	0.10	0.00	0.00	0.00	0.02	0.00	0.00	0.00	4.25
Well N7 Non-System *	4.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.08
Well N8 Non-System *	2.04	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.05	0.00	0.00	0.00	2.31
Well Q2 Non-System *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well S8 Non-System *	0.72	0.31	0.00	0.19	0.09	0.00	0.25	0.11	0.00	0.03	0.28	0.01	1.99
Well T7 Non-System *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Well W10 Non-System *	0.00	0.42	0.00	0.00	0.39	0.61	0.00	0.00	0.00	0.00	0.00	0.00	1.43

*Not used in the calculation for % by source

LOS ANGELES COUNTY WATERWORKS DISTRICT 36

SOURCE

TURNOUT	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	TOTAL
LA 1	0.00	0	0	0	0	0.00	0	0	0	0	0	0	0.00
LA 3	0.40	0.31	0.38	0.40	0.39	0.47	0.67	0.68	0.47	0.43	0.31	0.28	5.17
TOTAL	0.40	0.31	0.38	0.40	0.39	0.47	0.67	0.68	0.47	0.43	0.31	0.28	5.17

RAW WATER

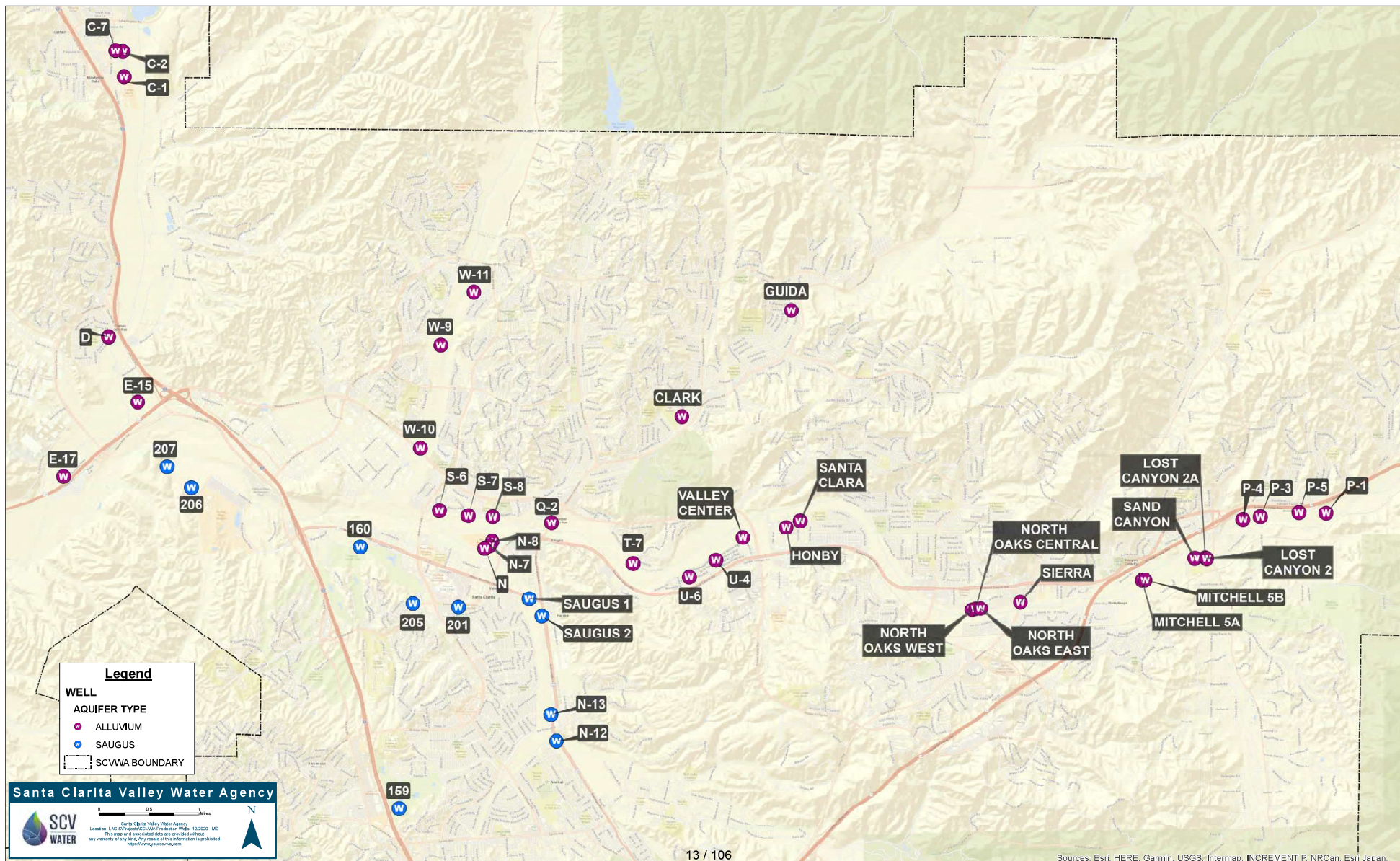
SOURCE	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	TOTAL
RVTP	292	0	0	1,115	4265	3098	2,620	2,675	2,671	2,689	3,127	1,847	24,398.21
ESTP	2,289	2,533	2,748	2,659	0	1484	2,049	1,922	1,252	587	0	43	17,565.40
Wells	189	197	239	241	251	218	239	183	200	193	200	205	2,554.00
TOTAL	2,770	2,730	2,987	4,014	4,516	4,799	4,908	4,780	4,123	3,469	3,327	2,095	44,517.61

S1/S2 TREATMENT

SOURCE	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	TOTAL
S1	113.09	113.79	131.86	134.46	137.35	125.44	129.6	99.914	102.98	96.391	100.12	102.42	1387.41
S2	76.197	83.52	107.11	106.16	113.7	92.294	109.2	82.851	96.808	96.311	99.92	102.56	1166.59
TOTAL	189.29	197.31	238.97	240.62	251.05	217.74	238.8	182.76	199.79	192.7	200.04	204.98	2554.00

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SCVWA PRODUCTION WELLS



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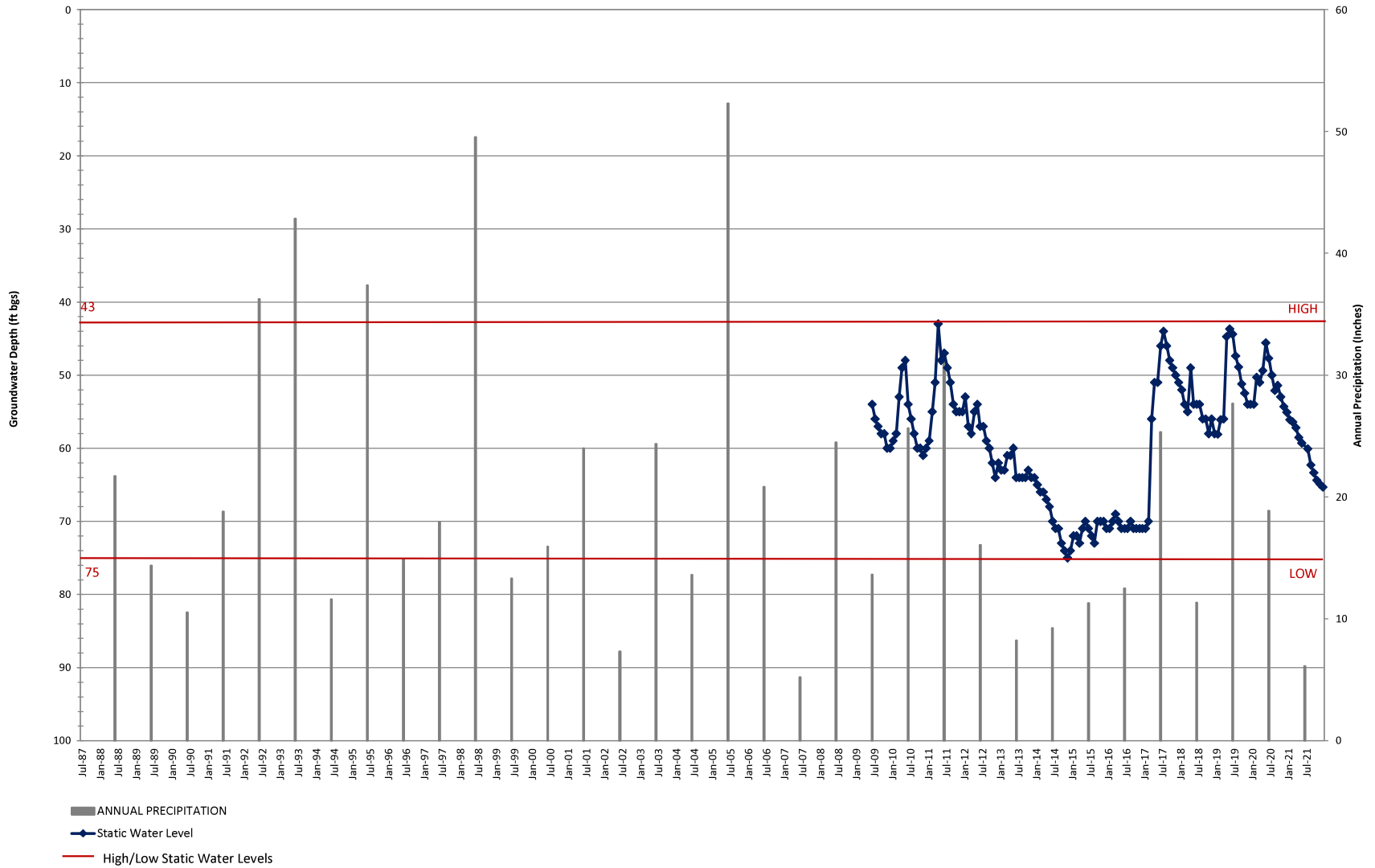
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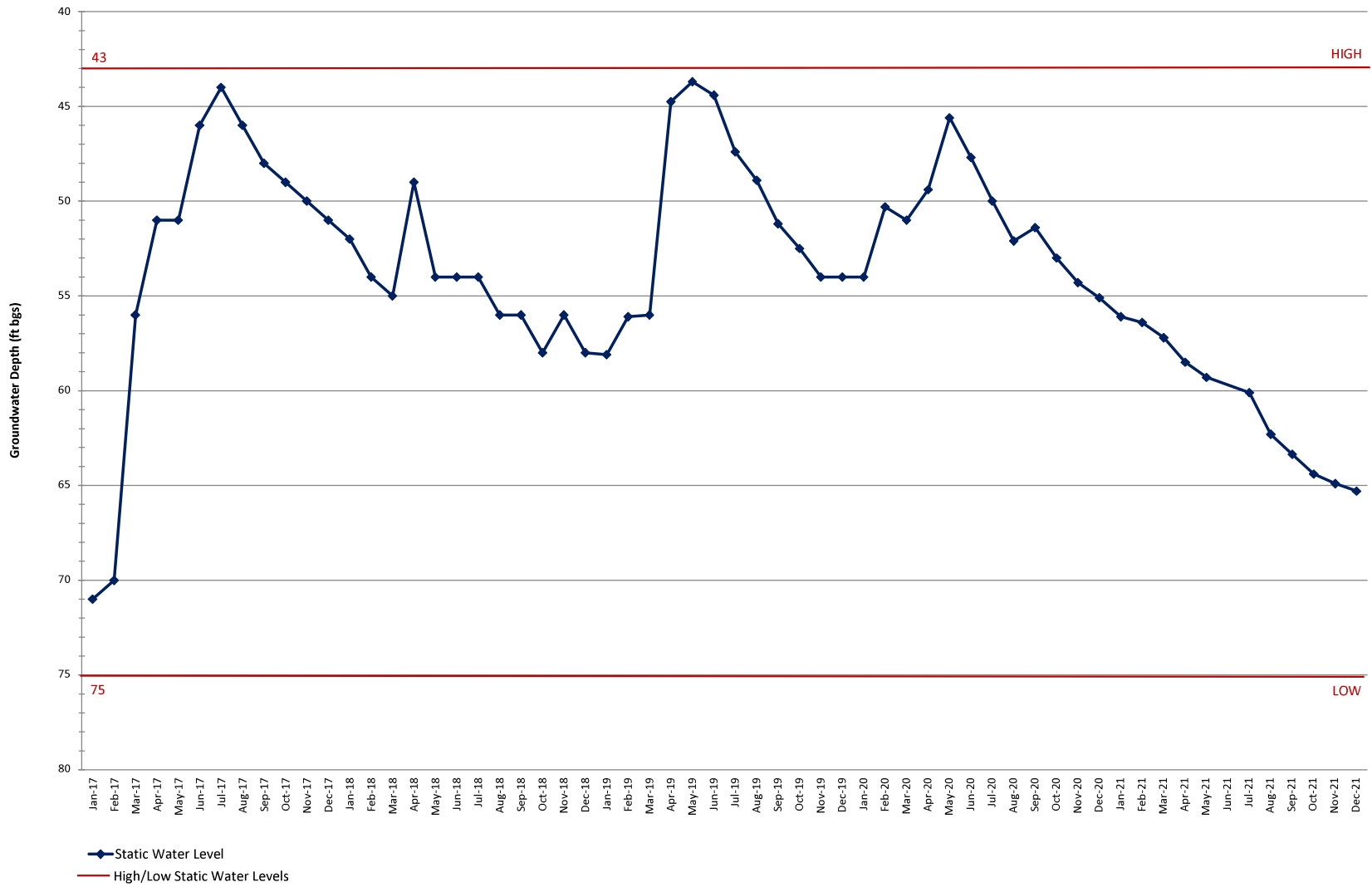
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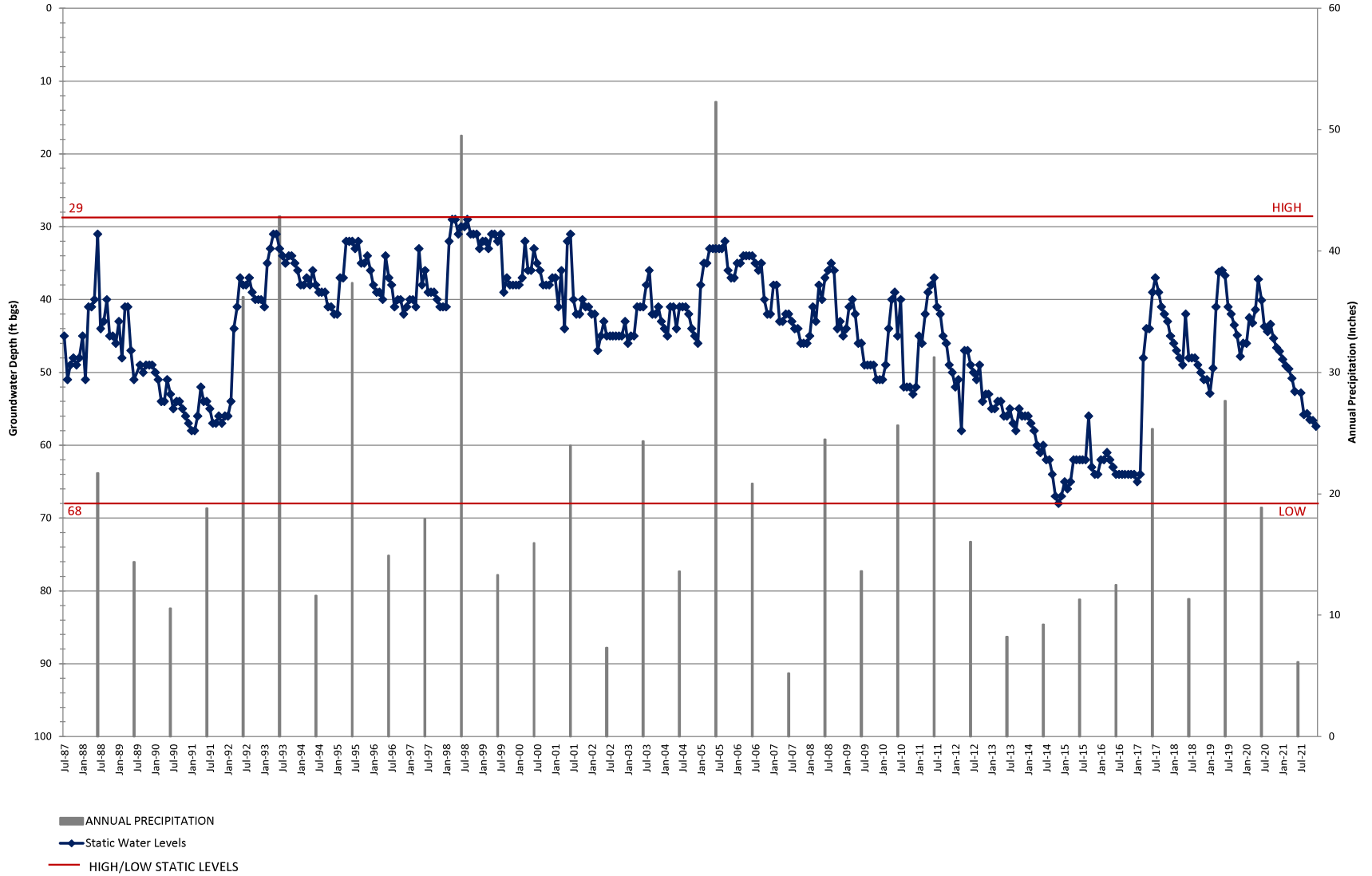
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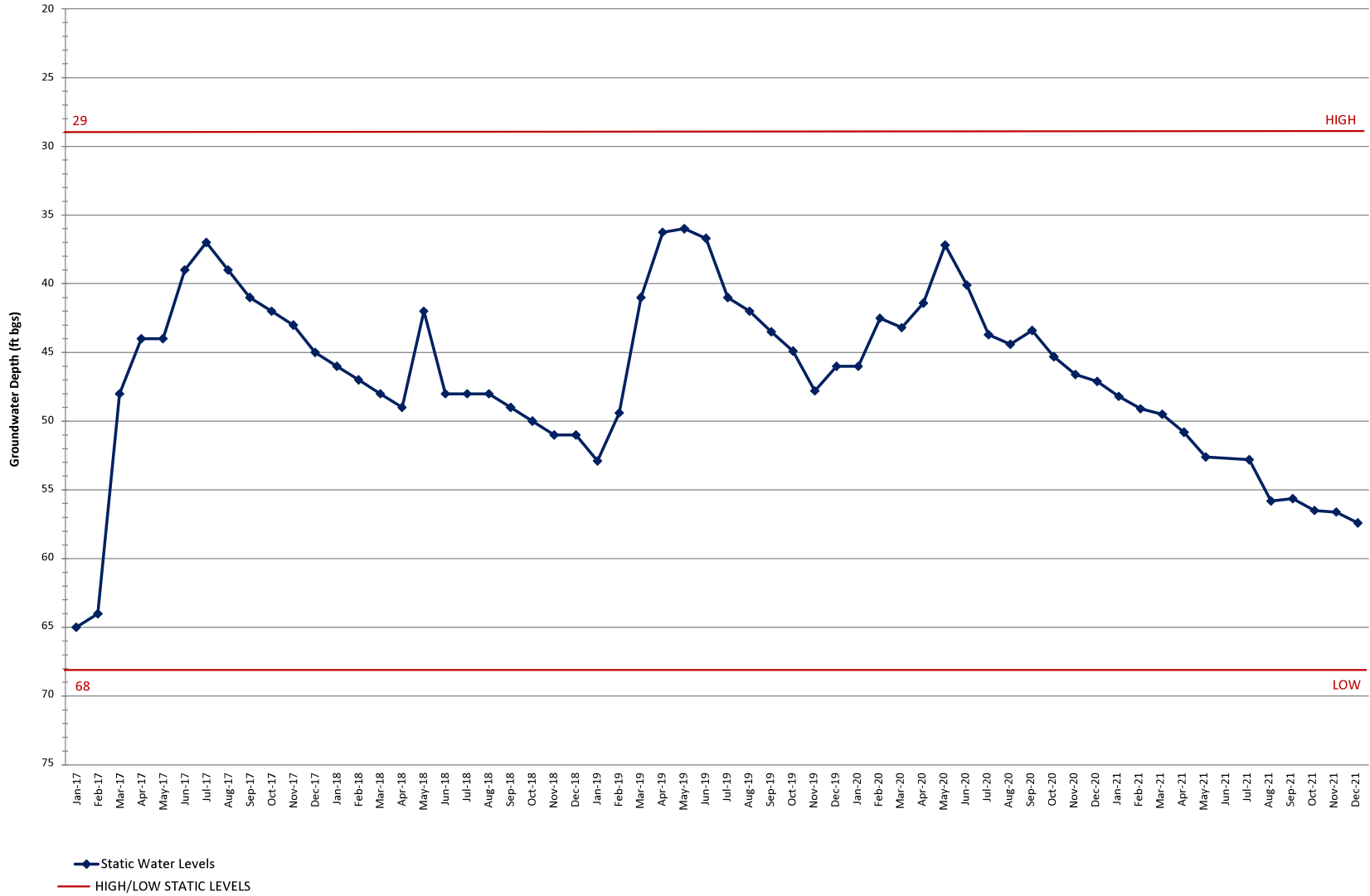
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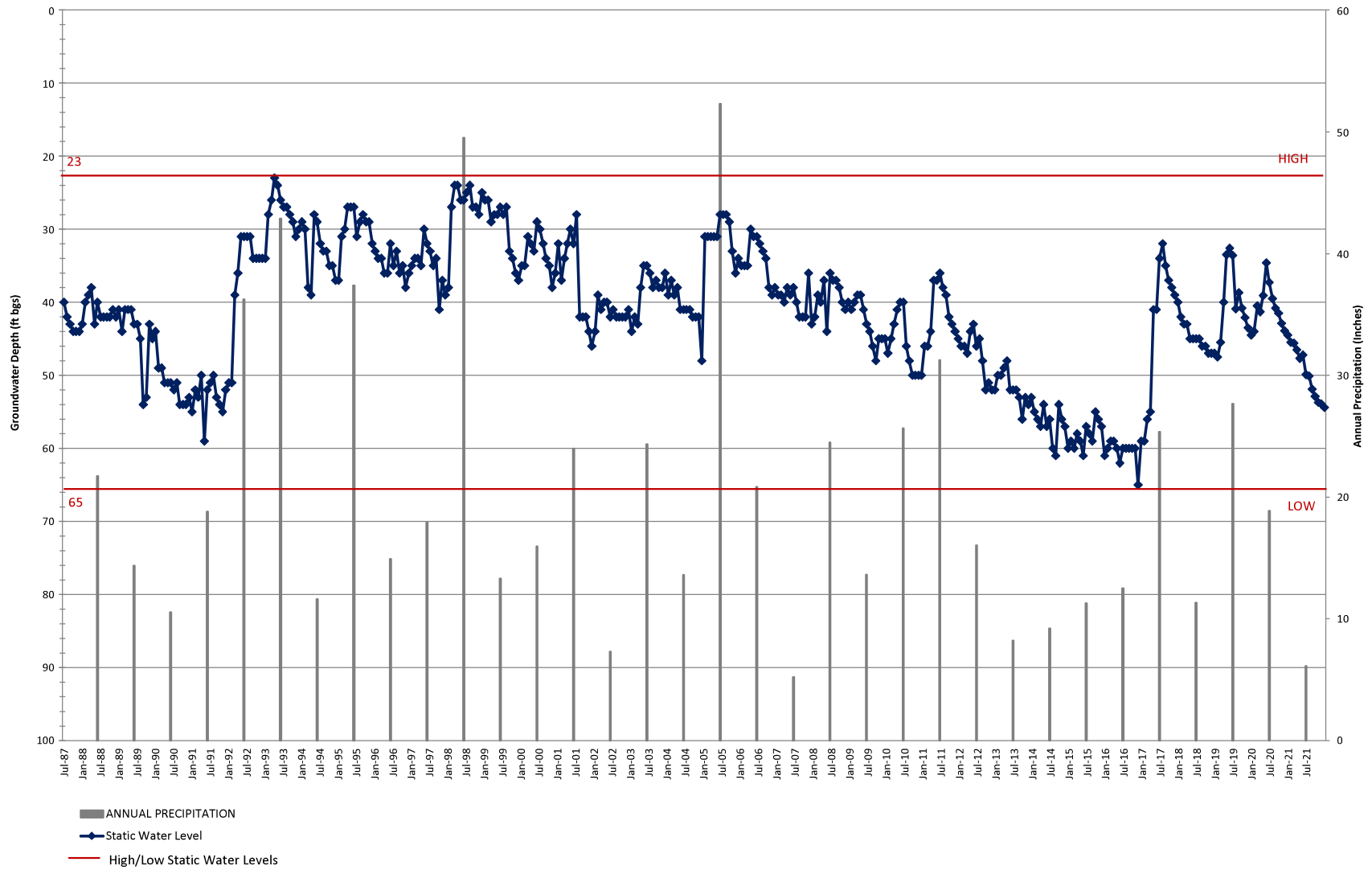
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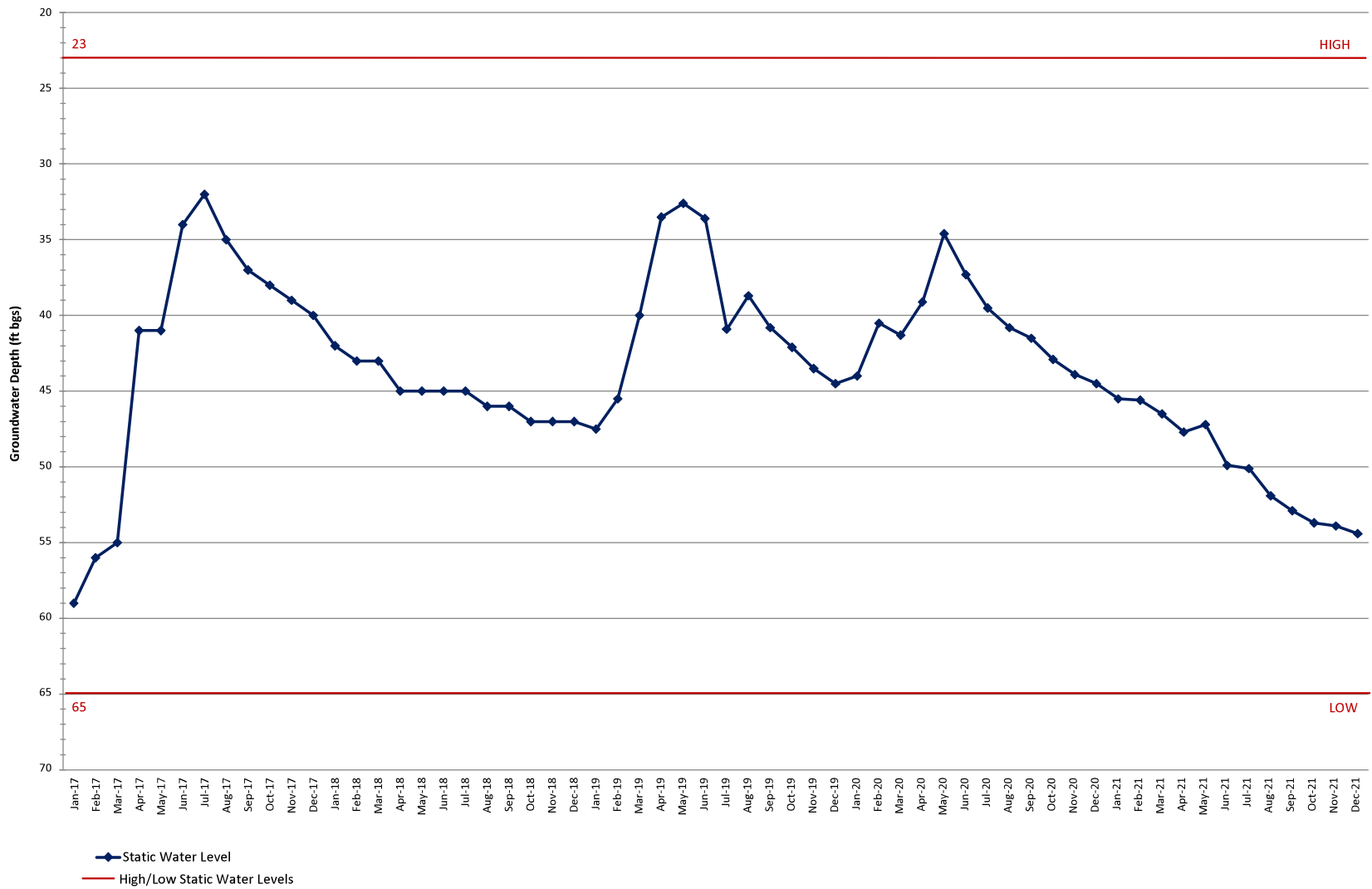
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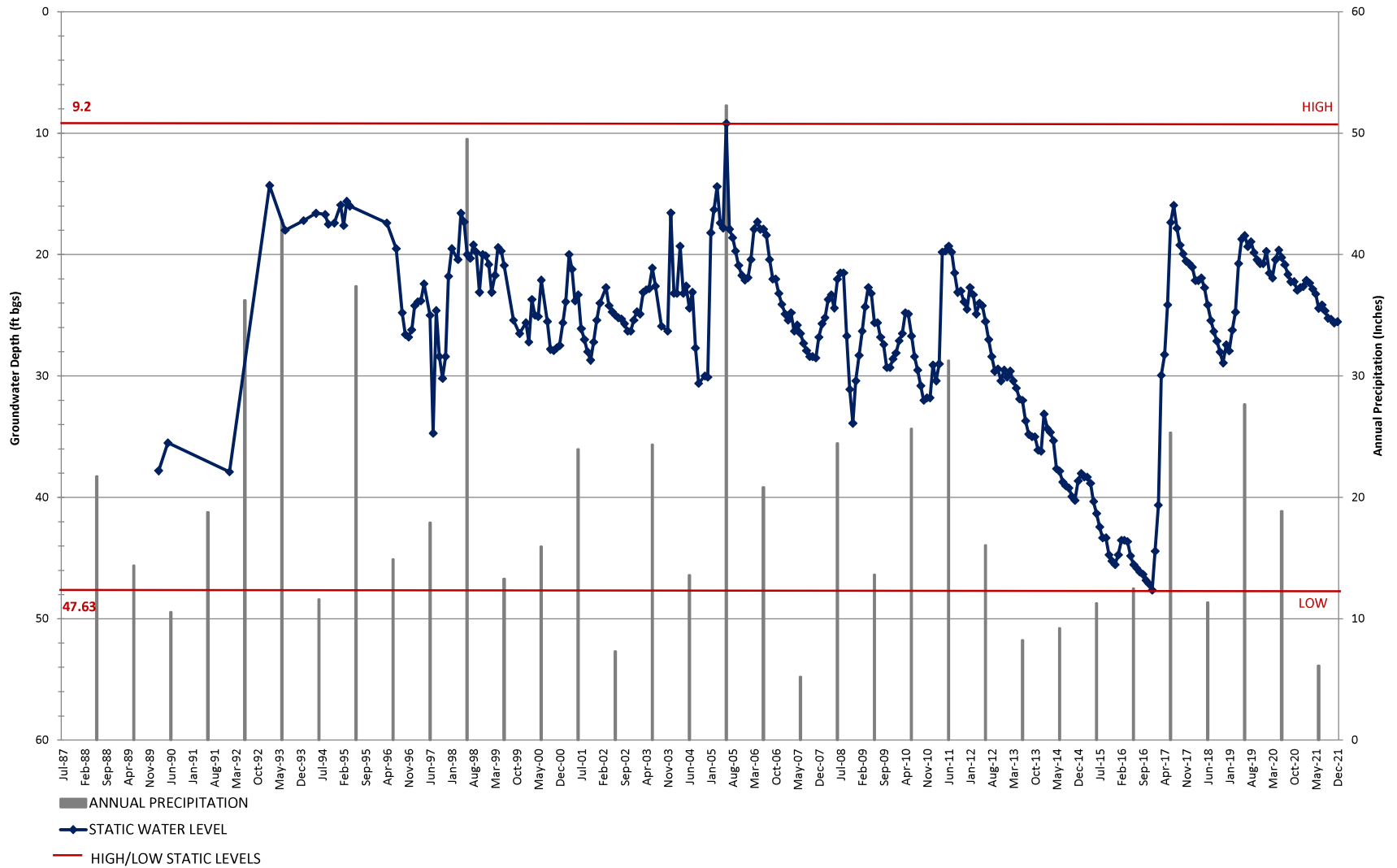
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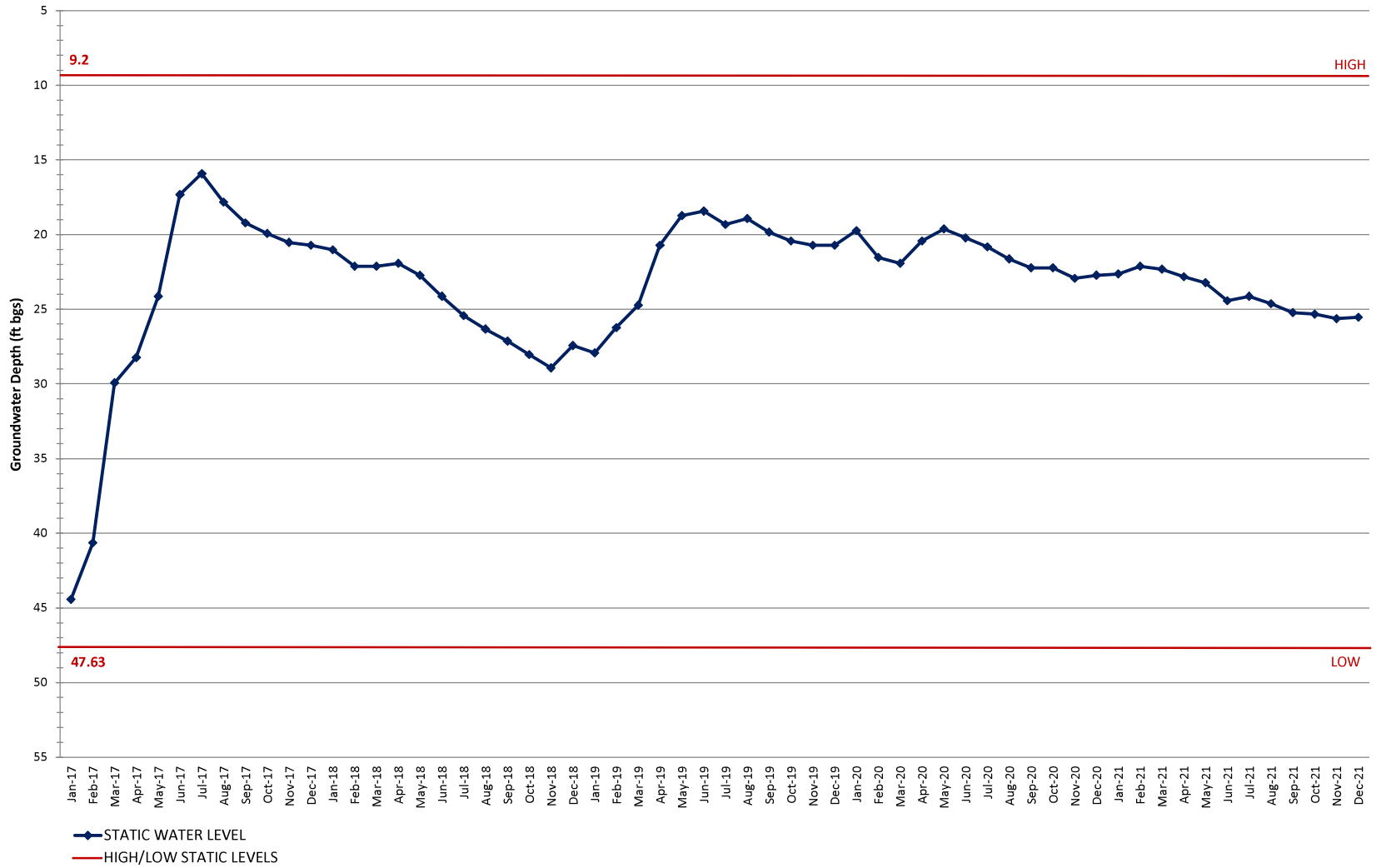
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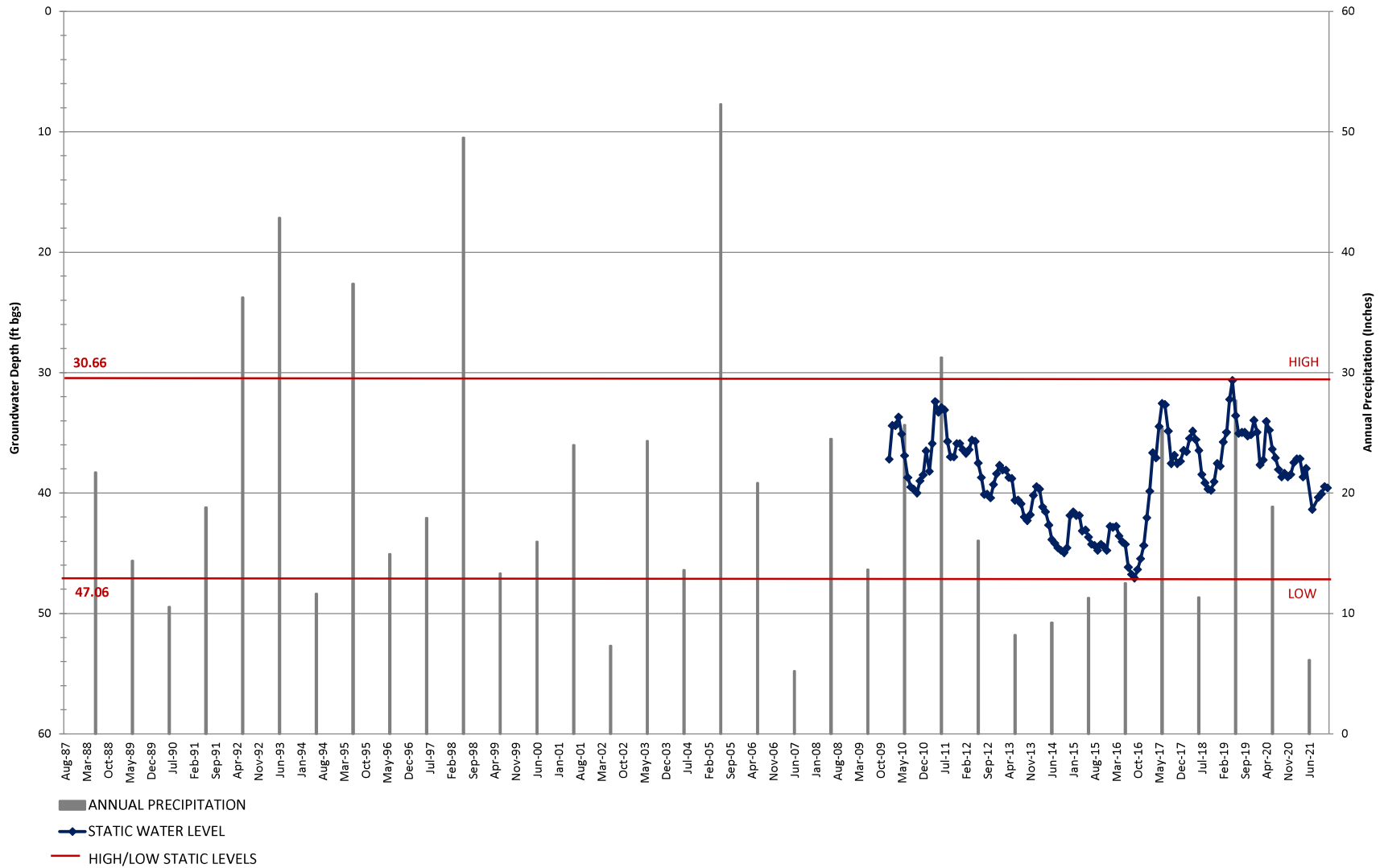
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SCV WATER WELL D
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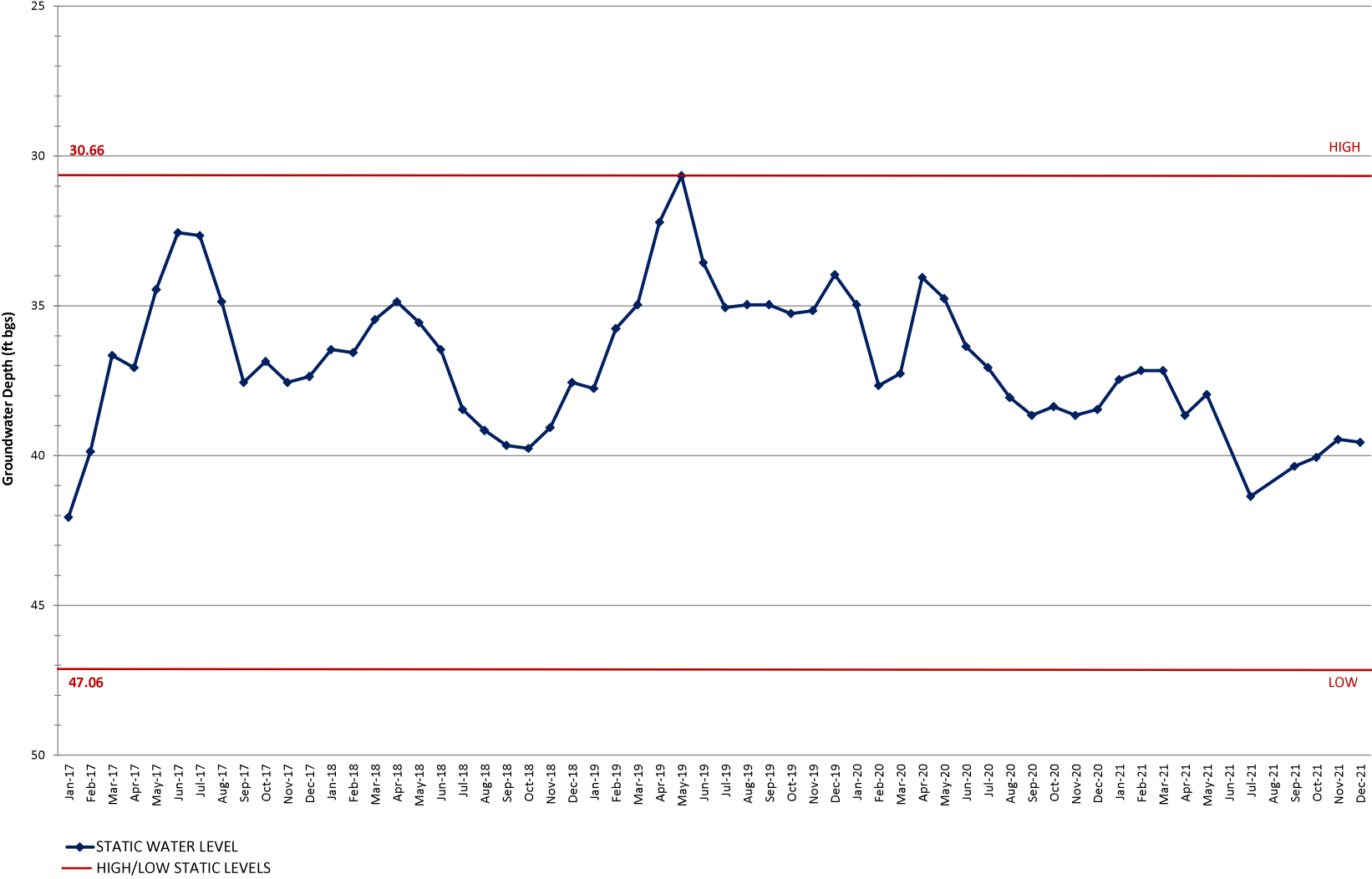


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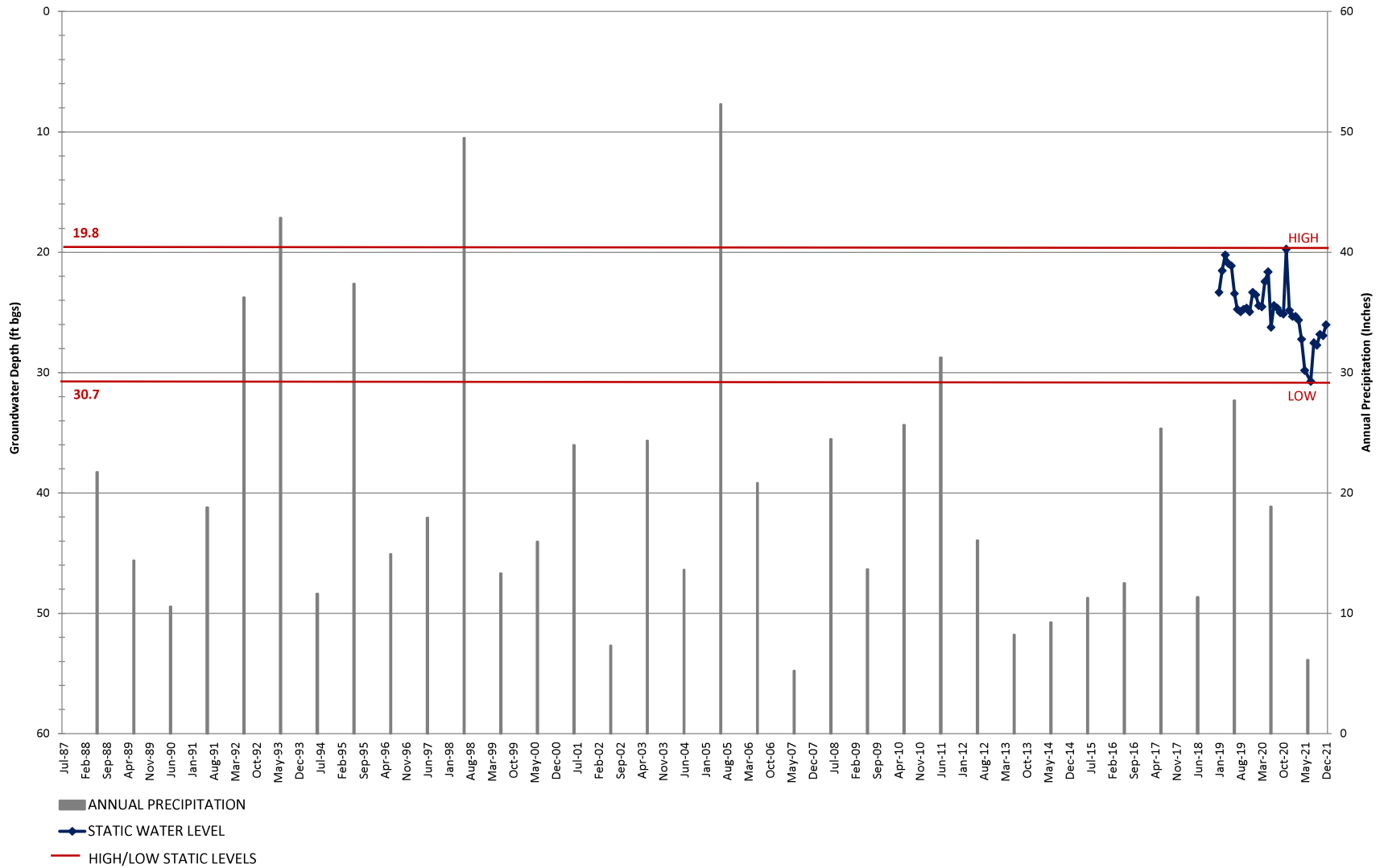


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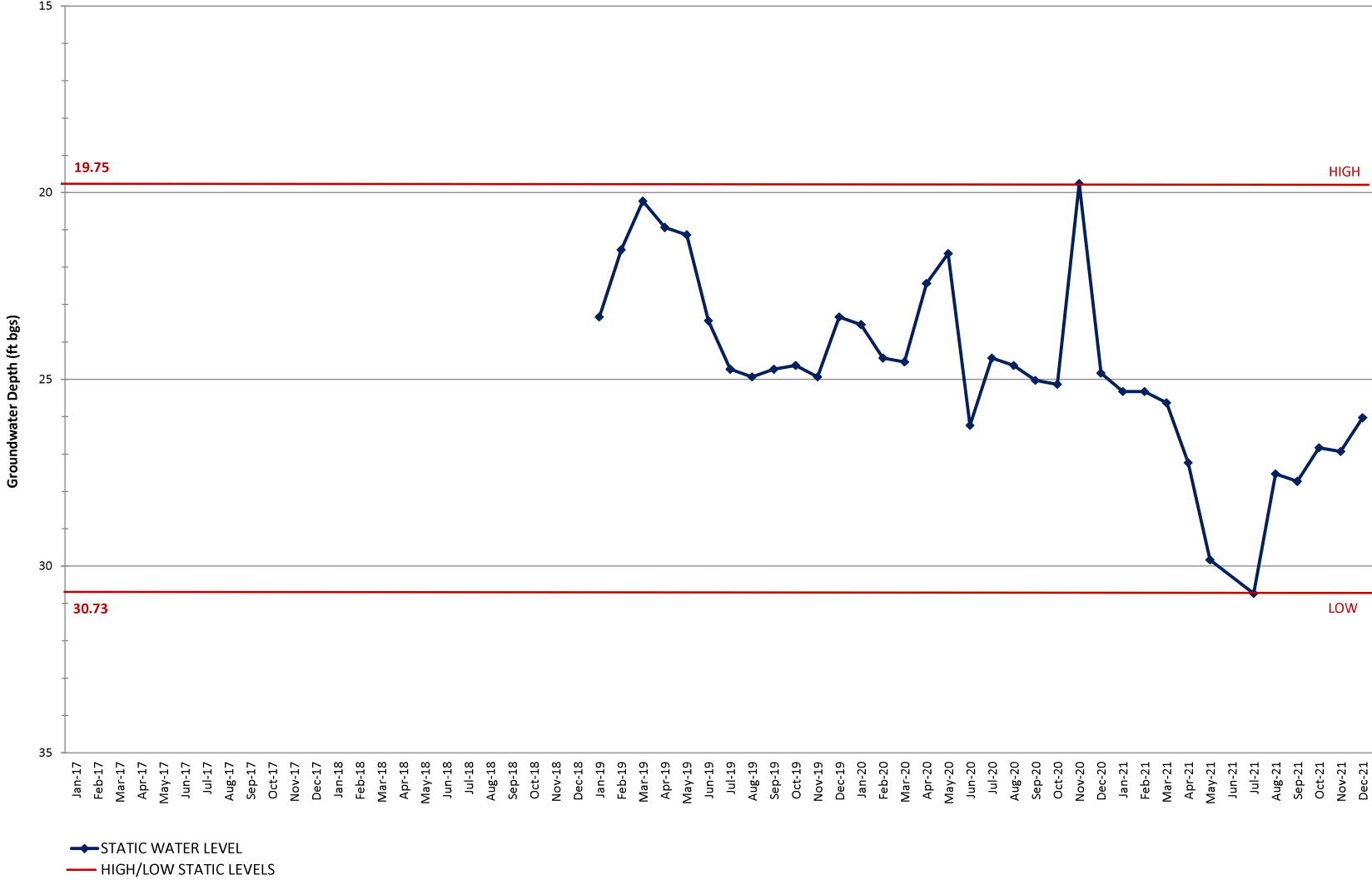
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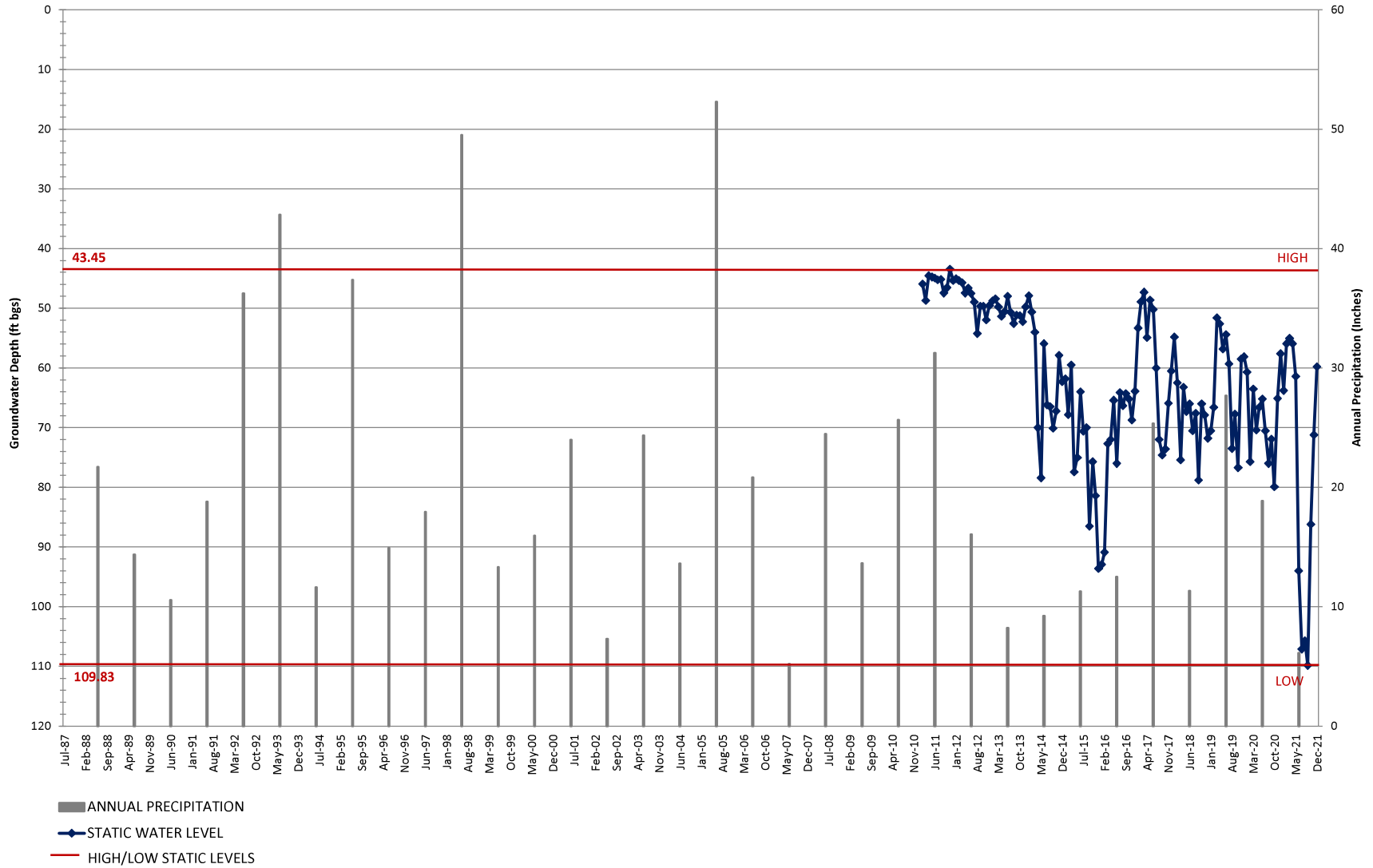
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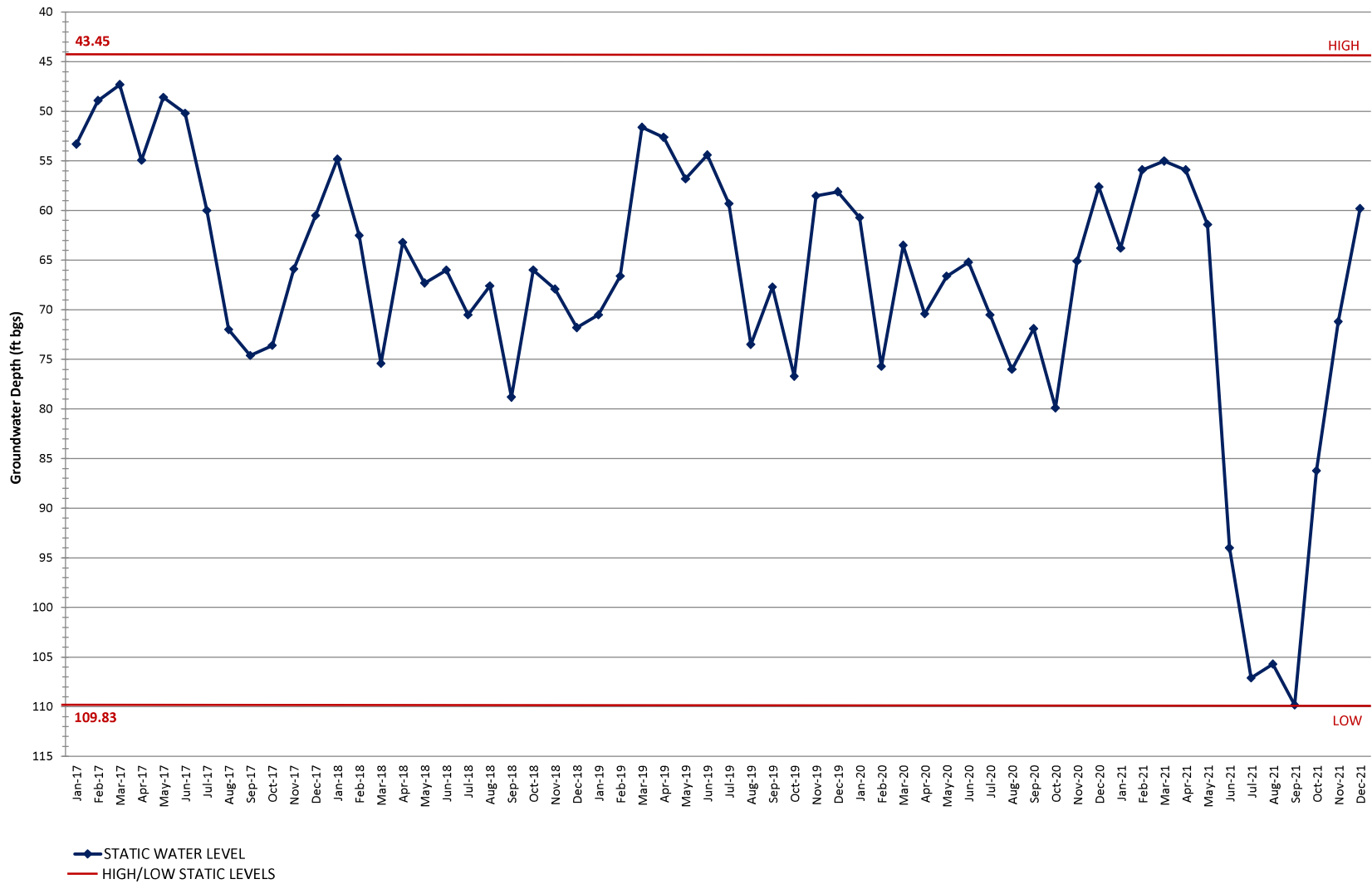
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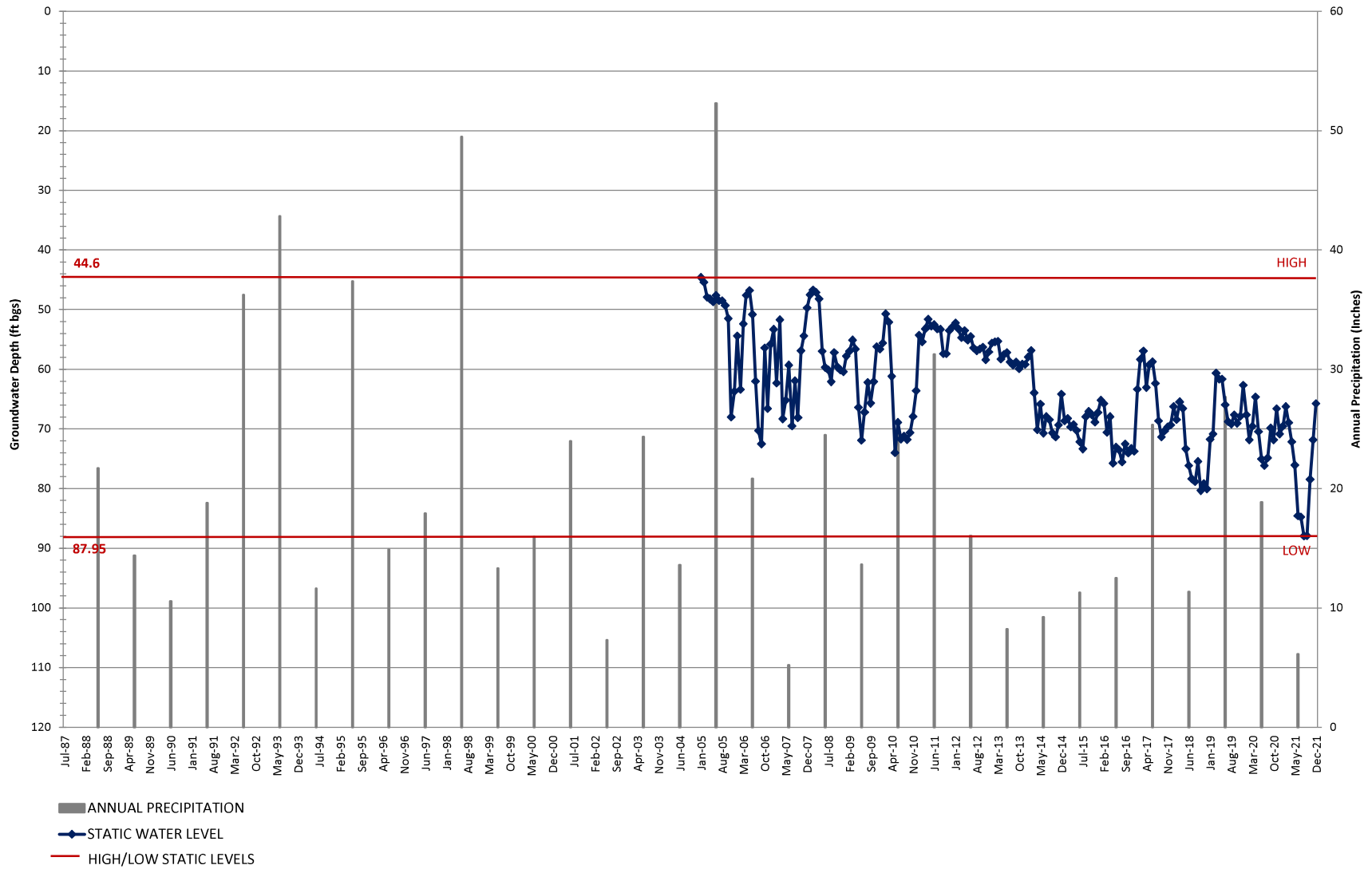
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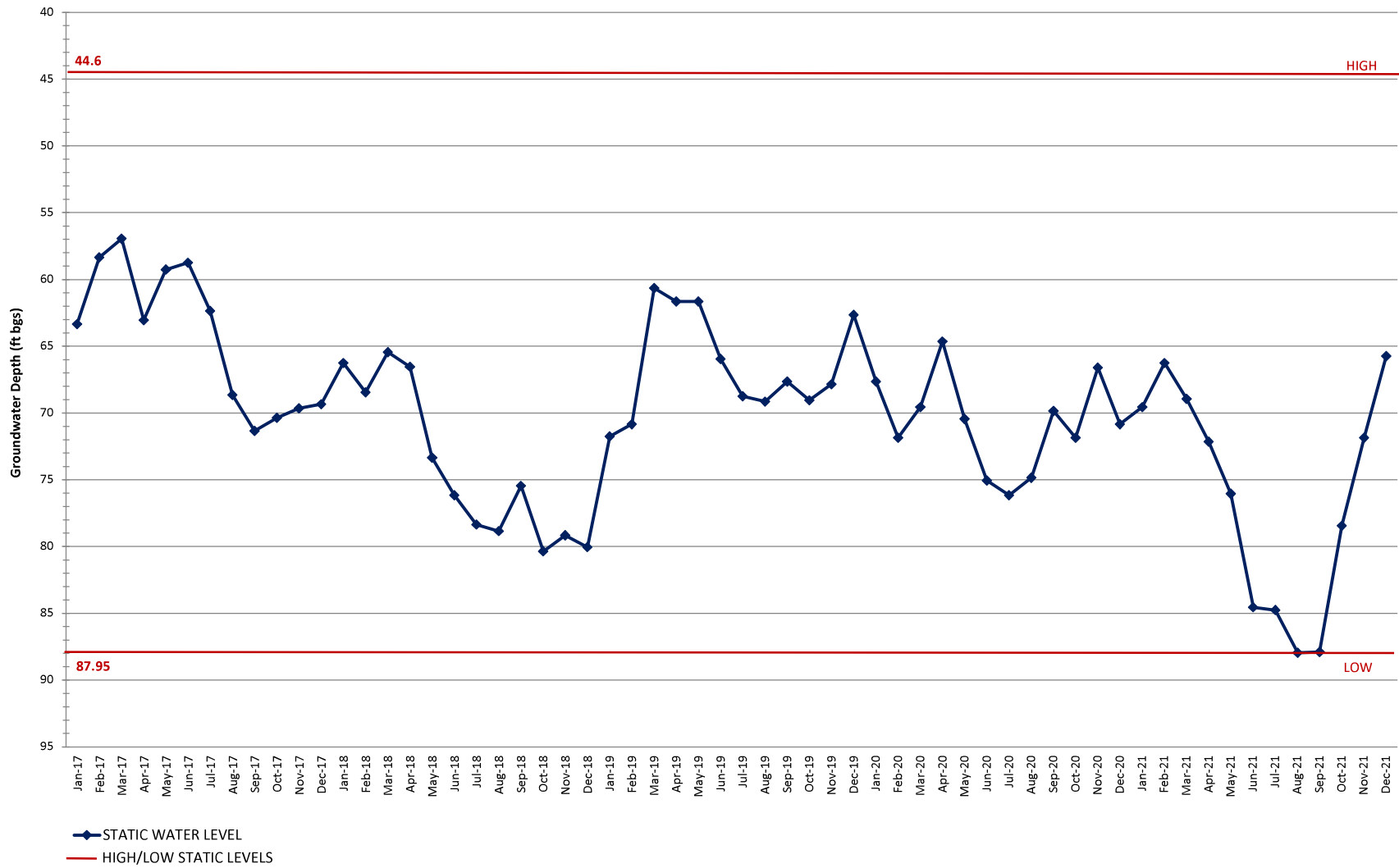
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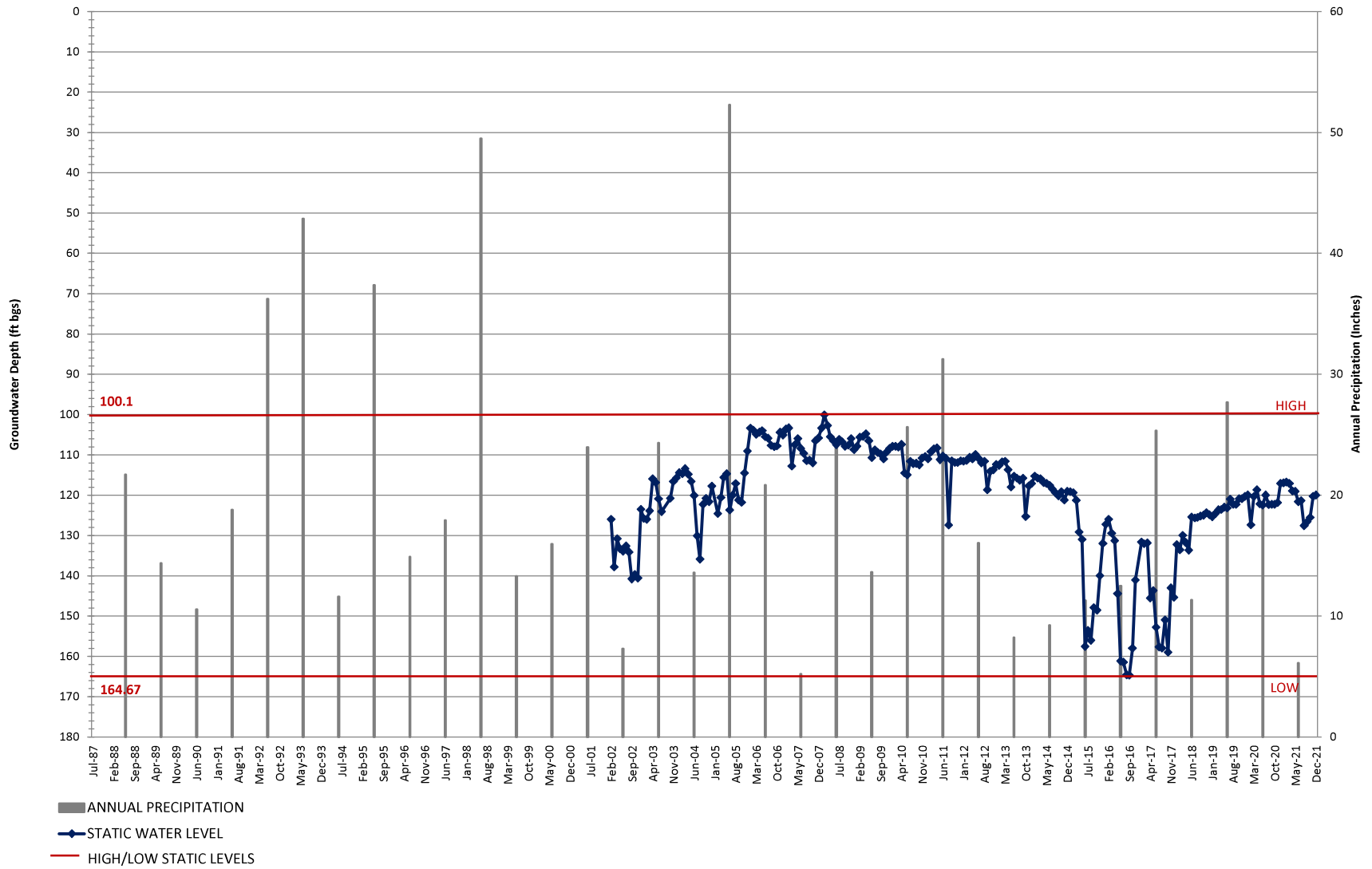
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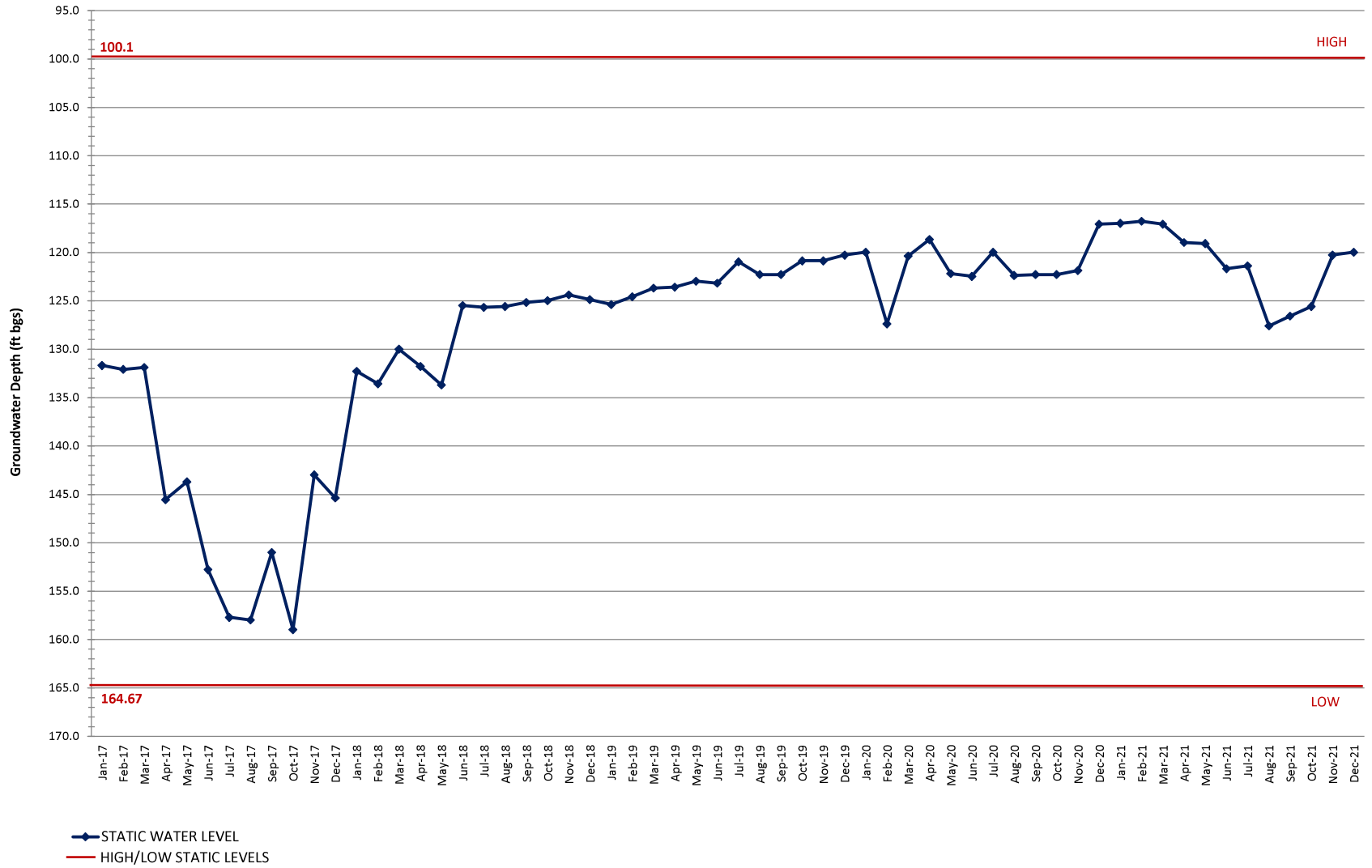
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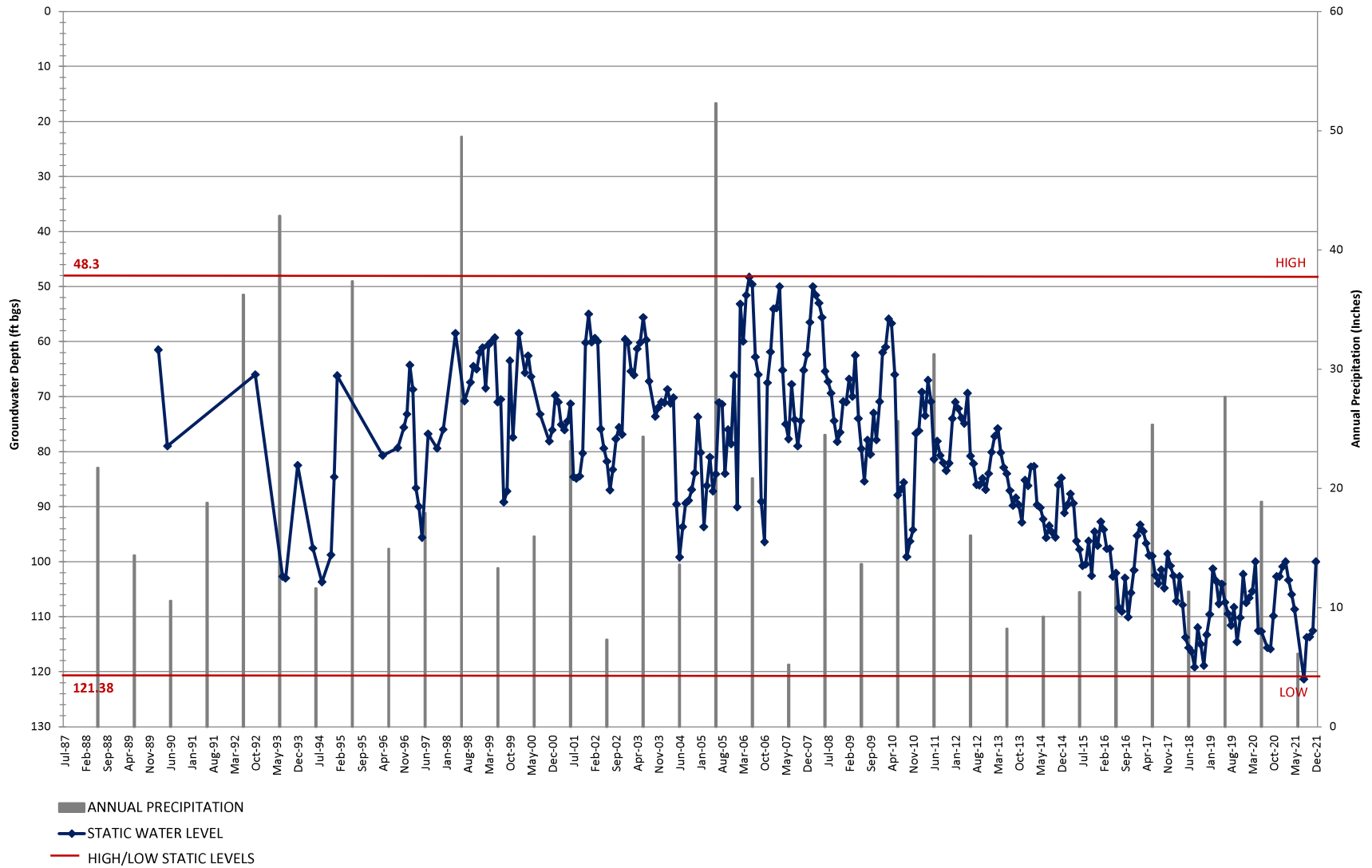
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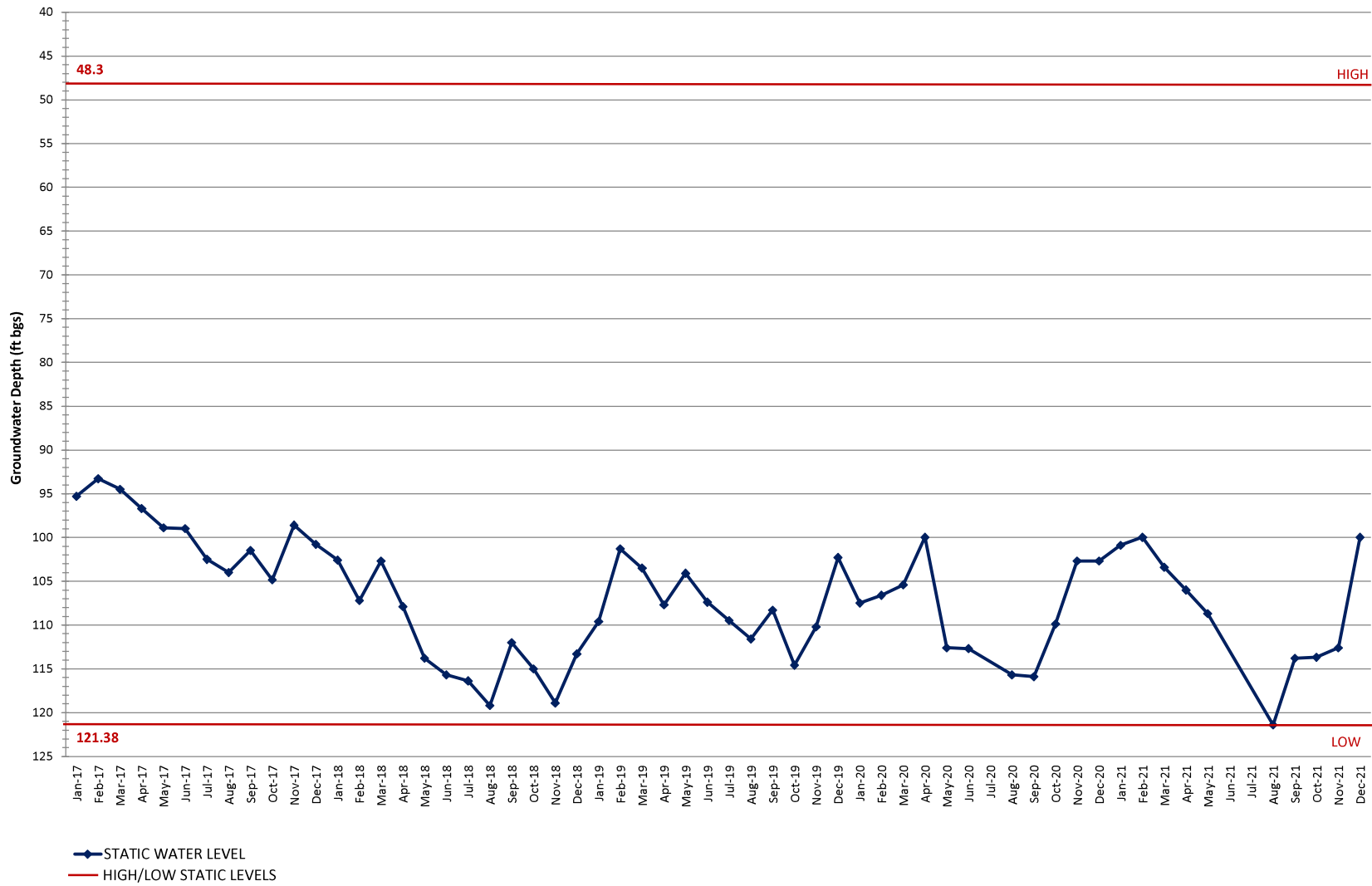
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 STATIC WATER LEVEL



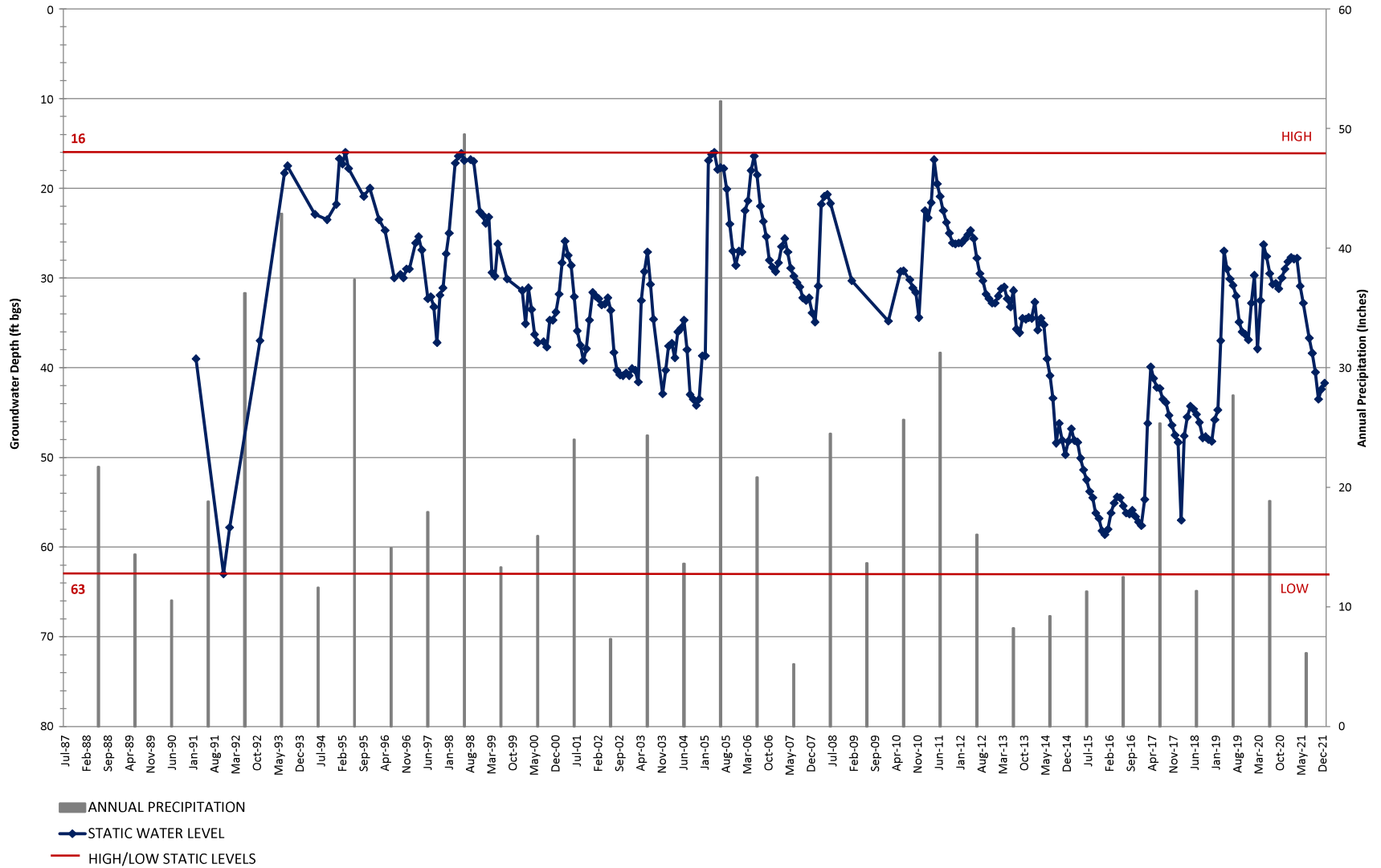
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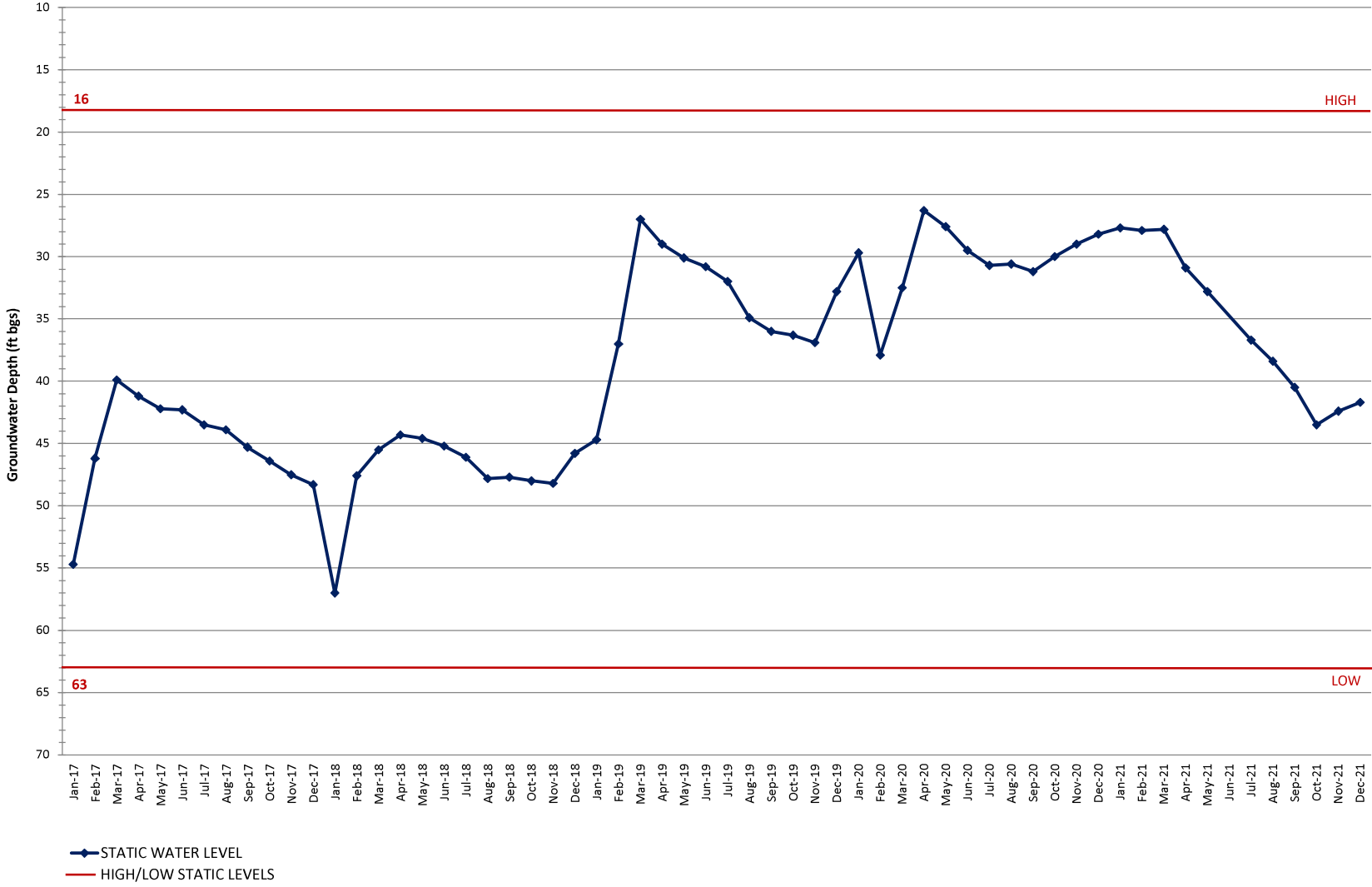
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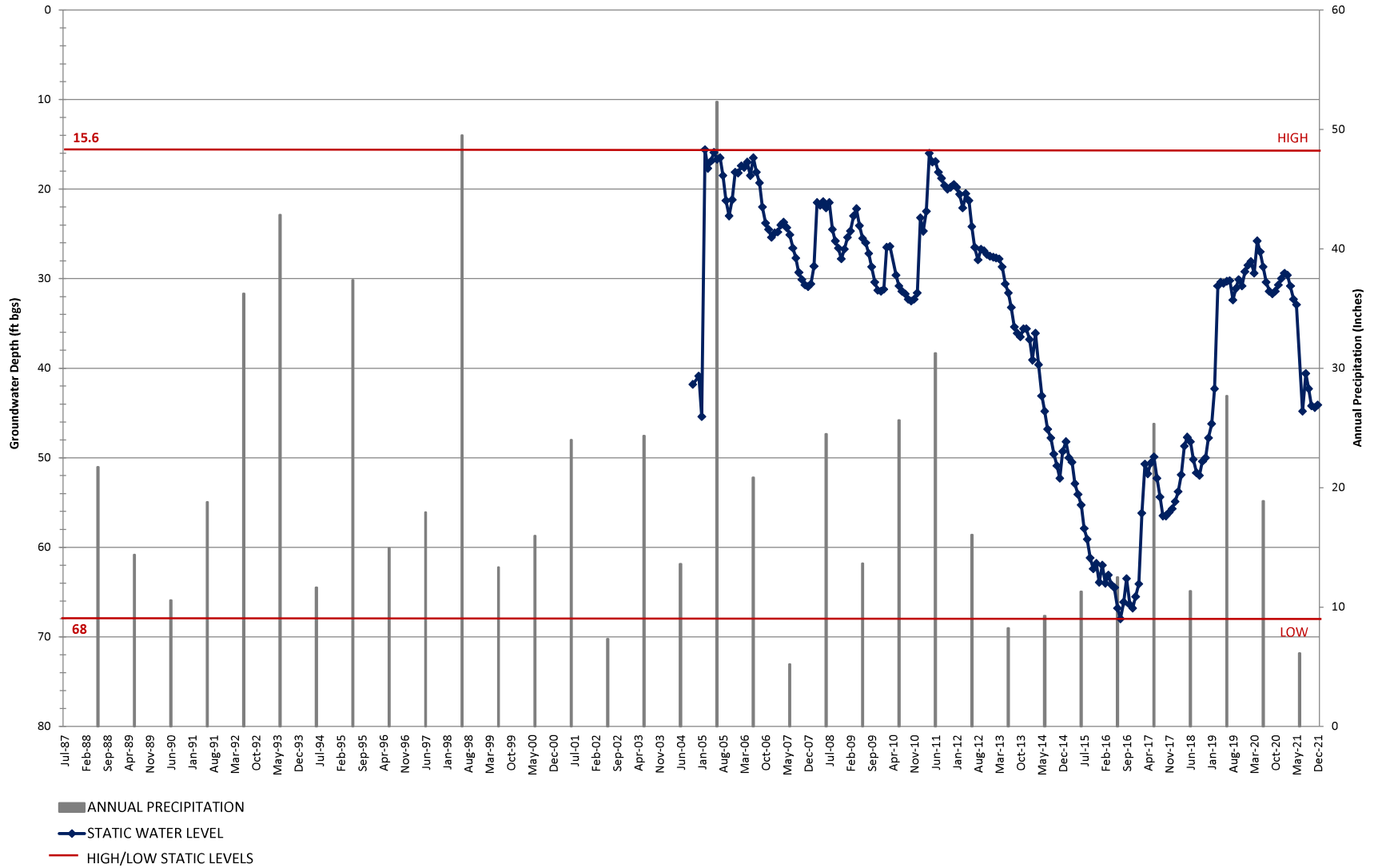
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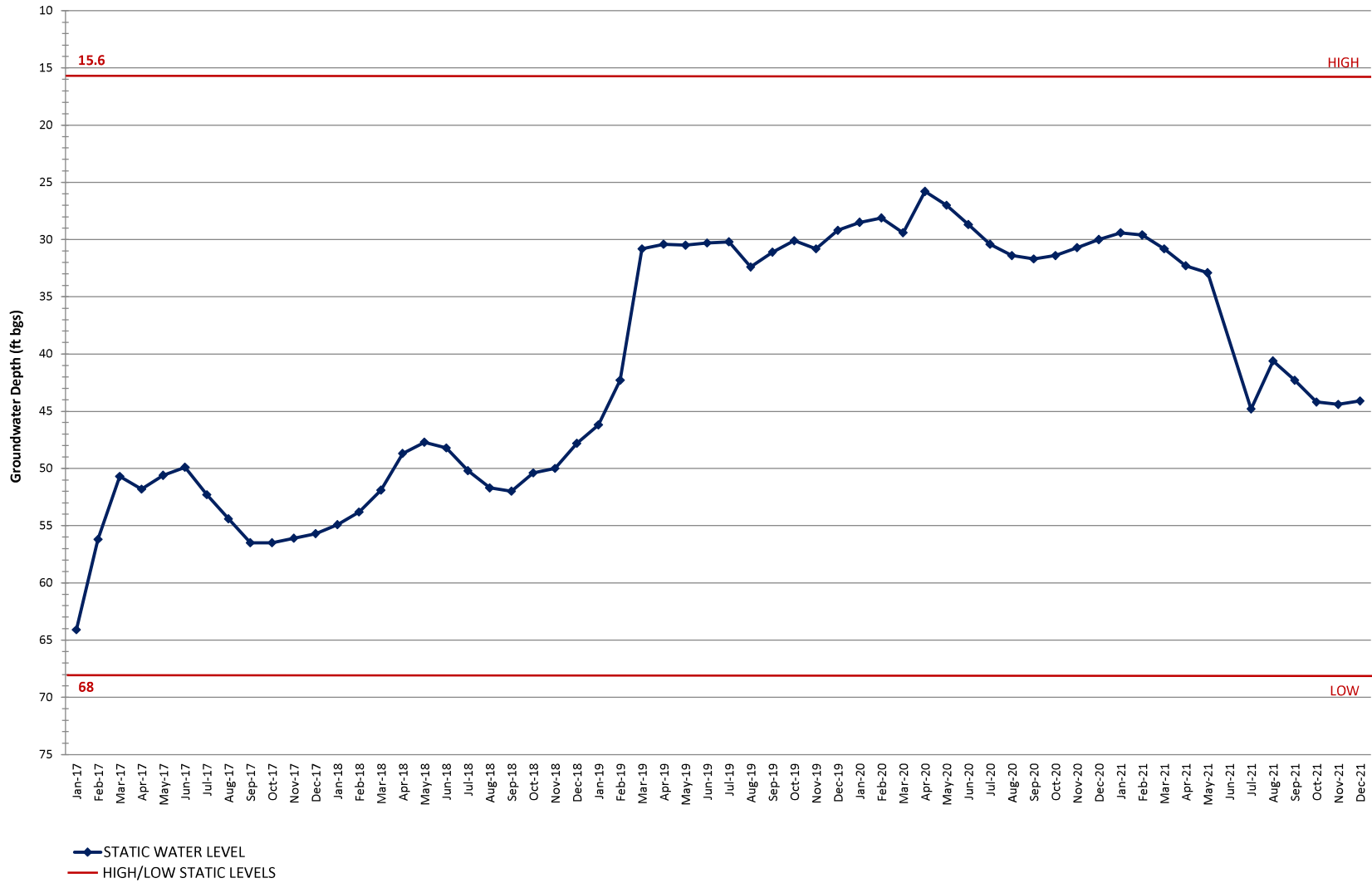
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STATIC WATER LEVEL



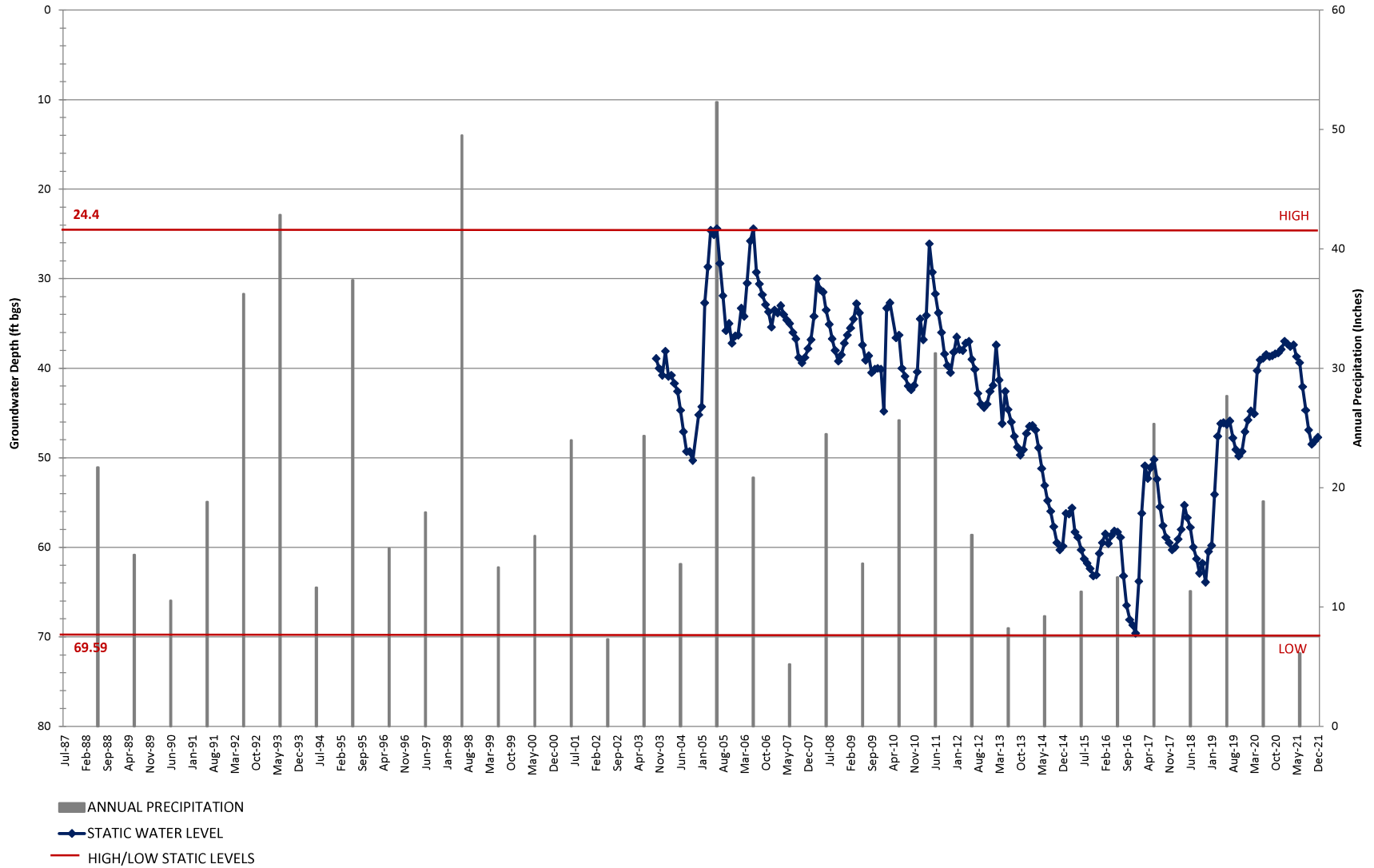
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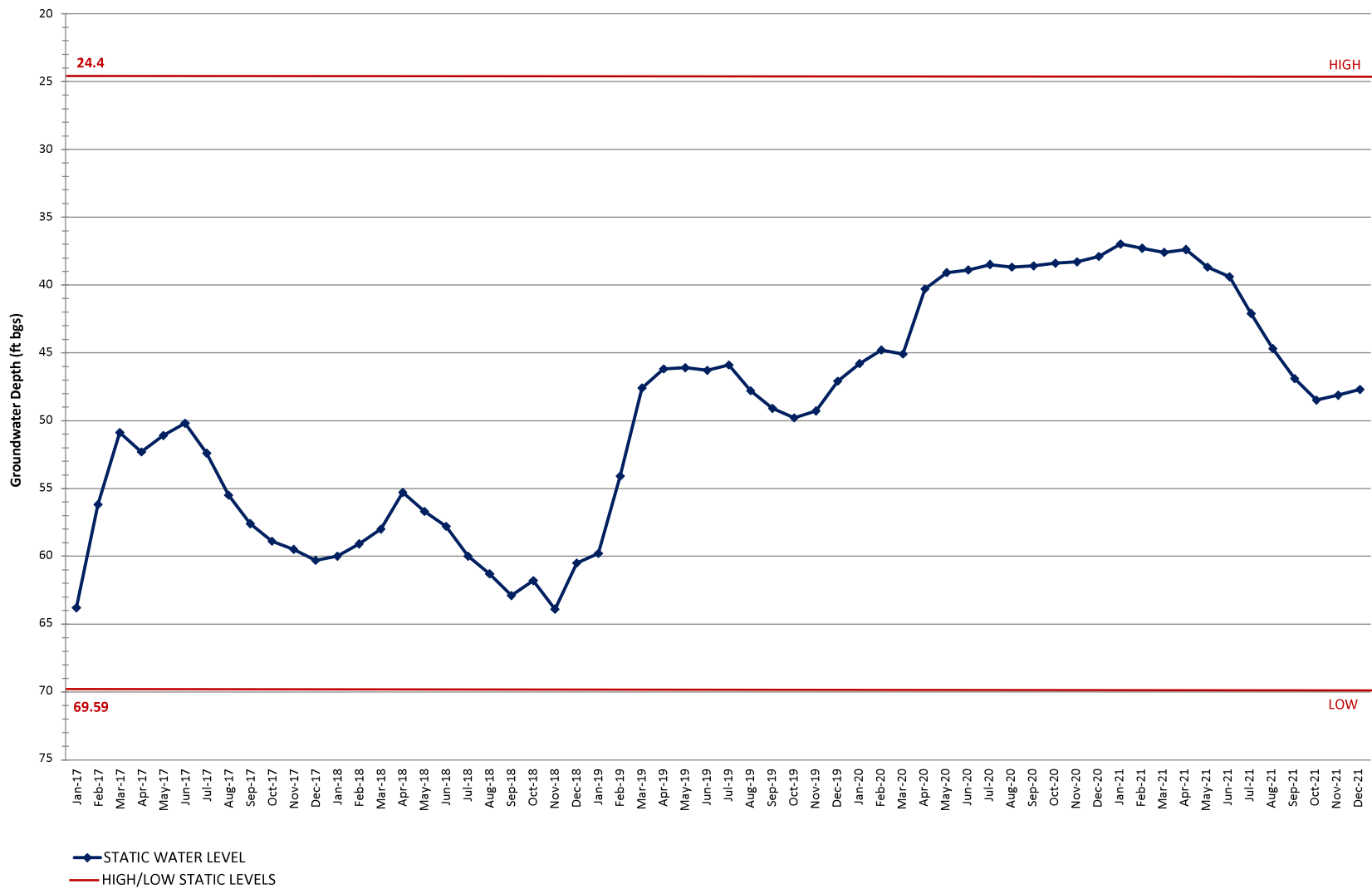
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STATIC WATER LEVEL



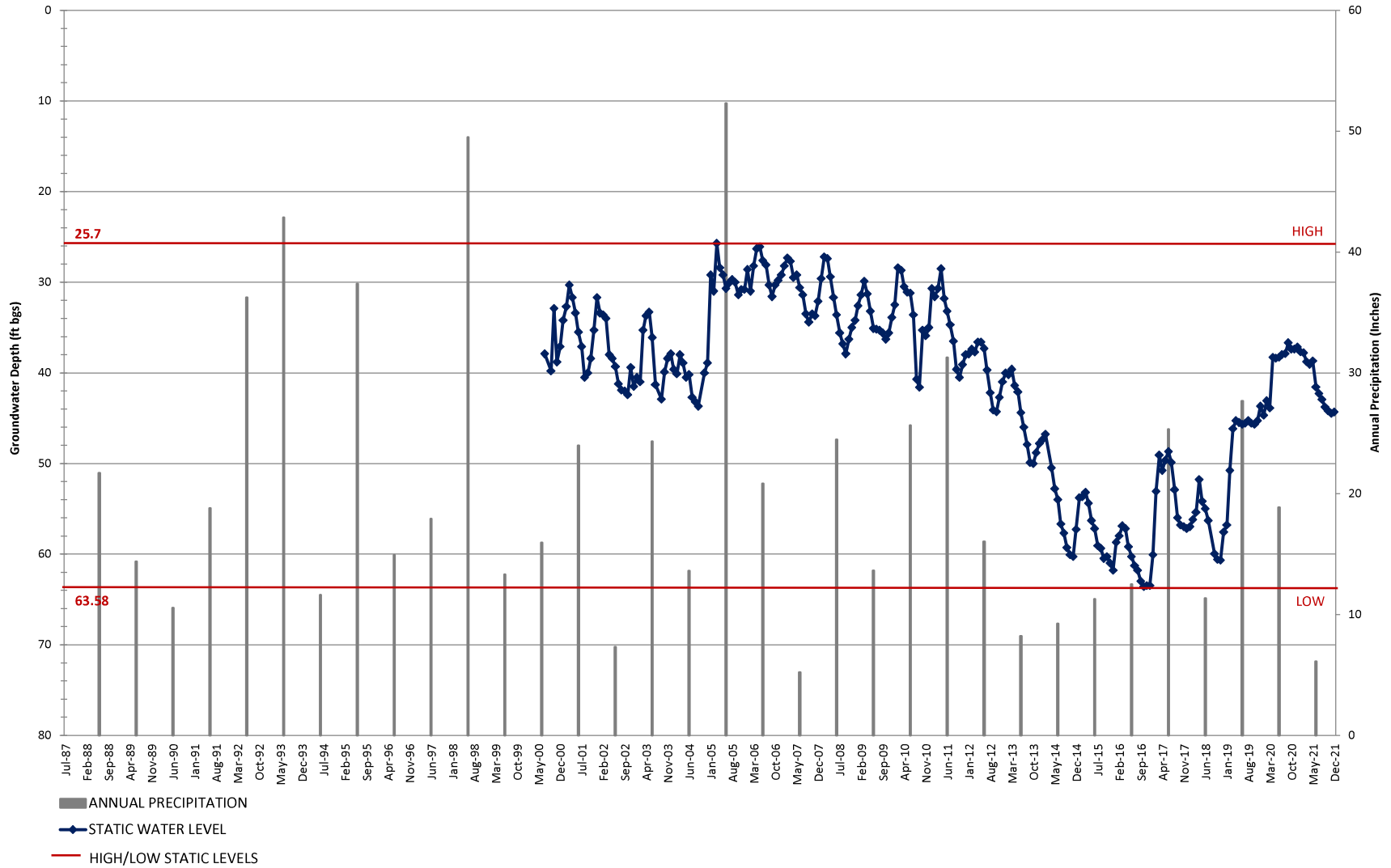
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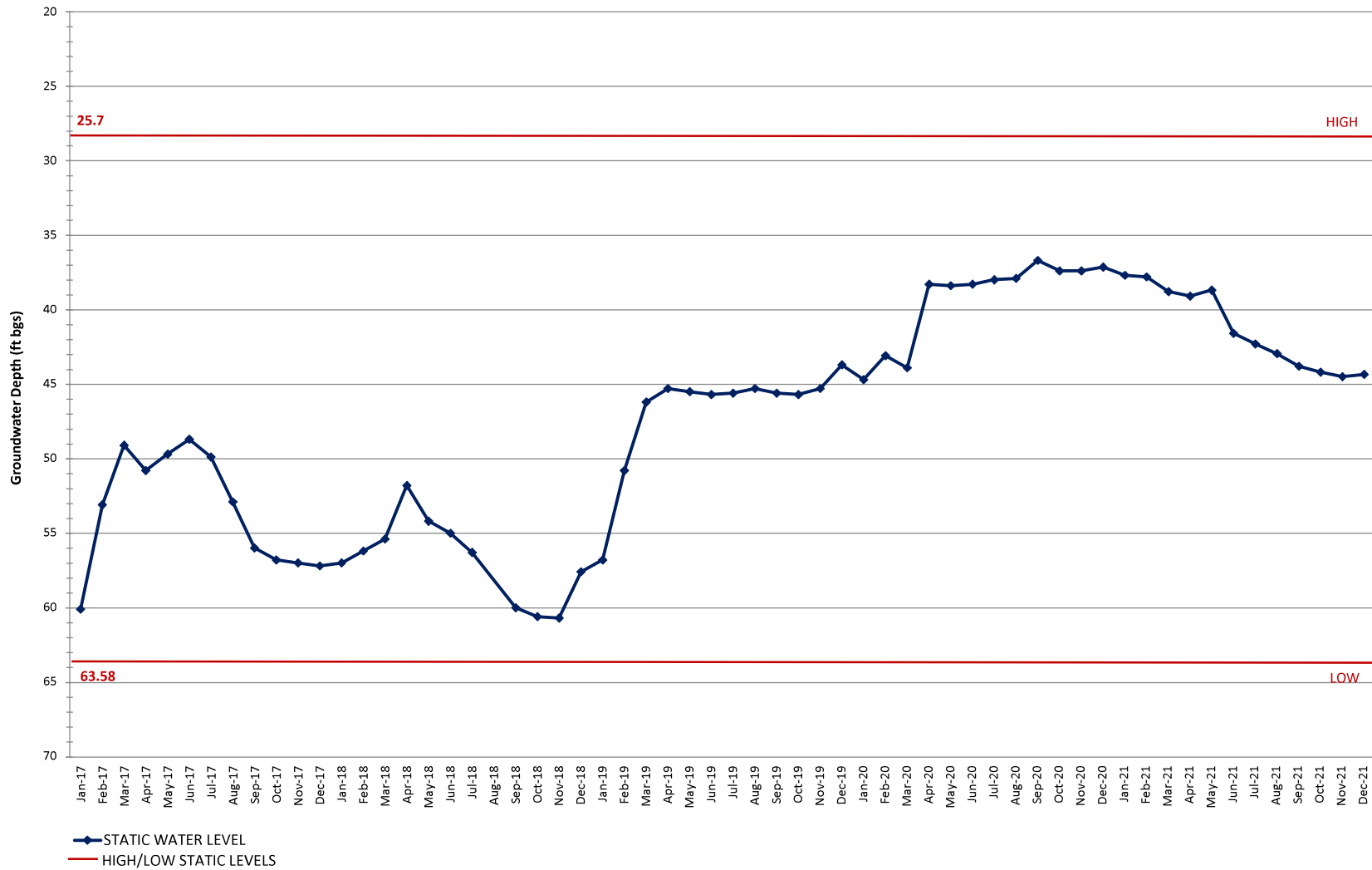
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 STATIC WATER LEVEL



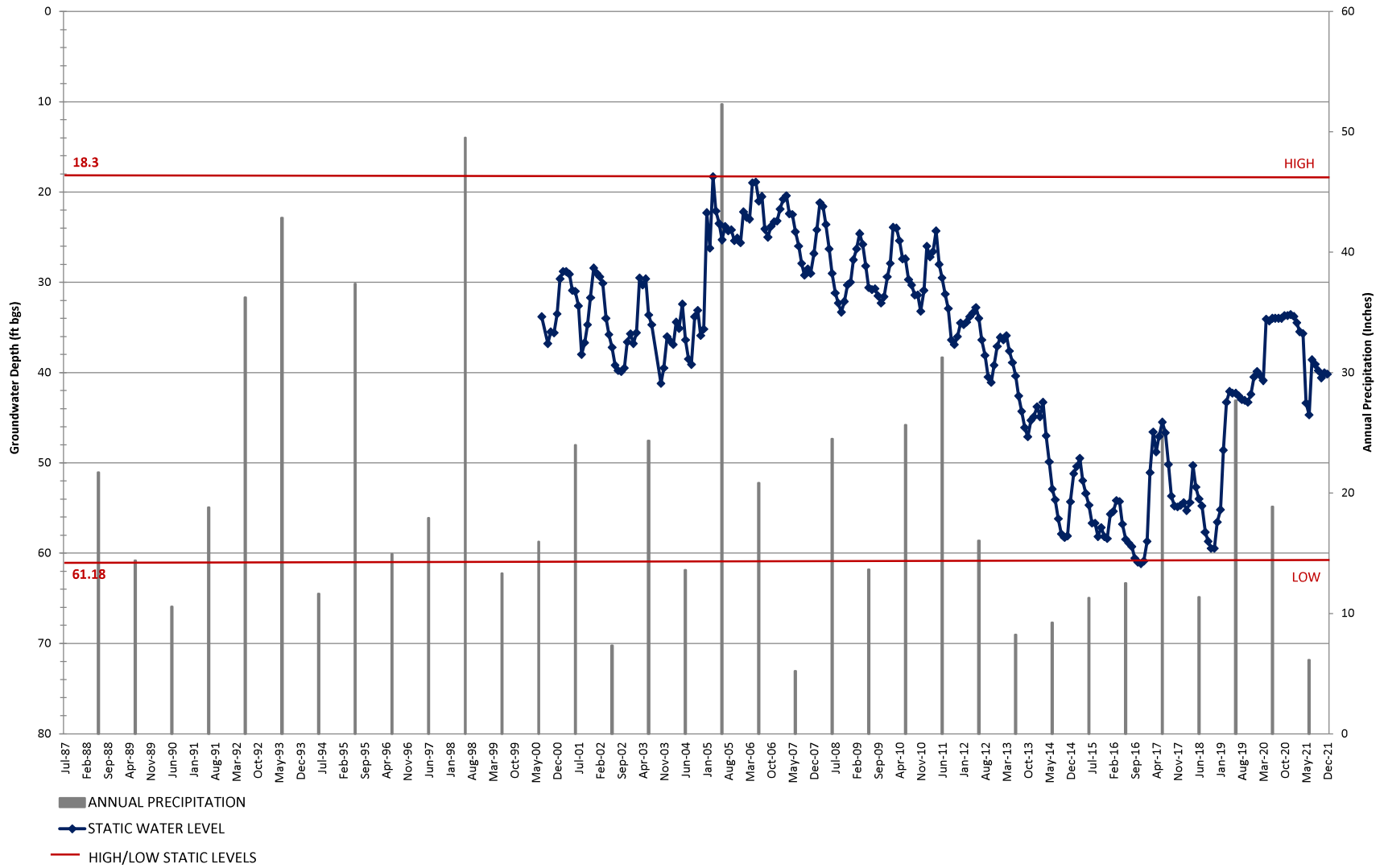
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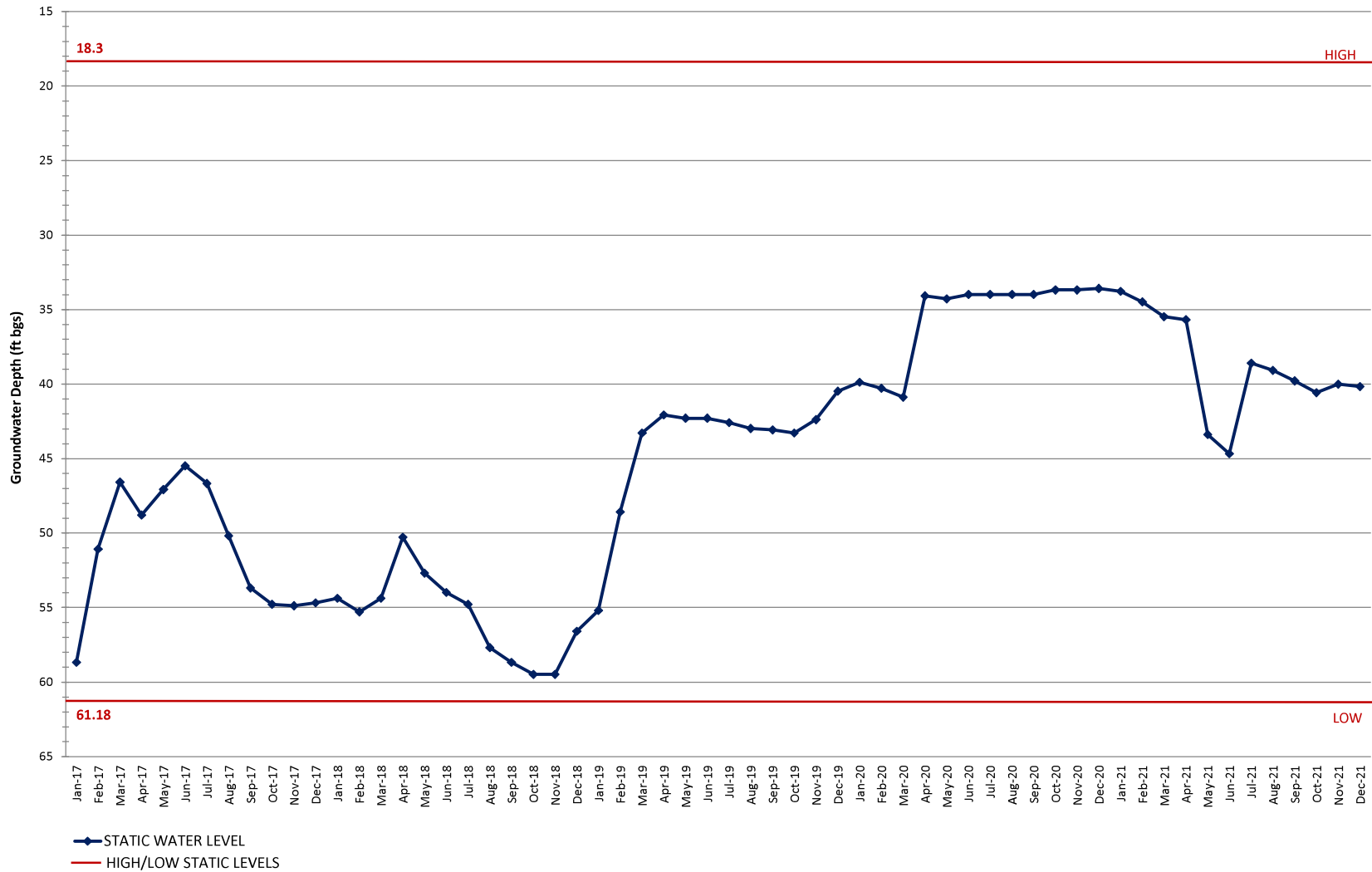
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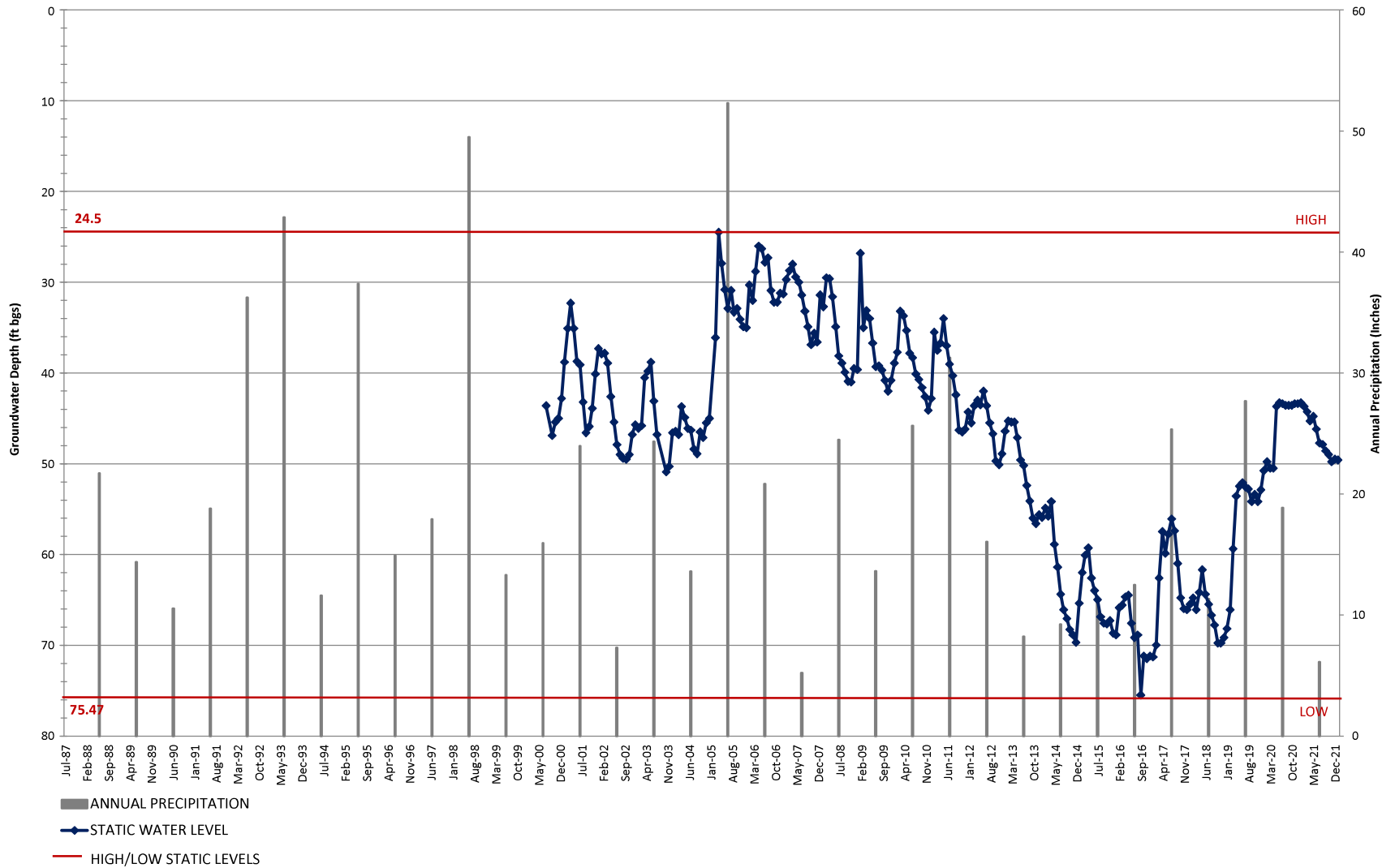
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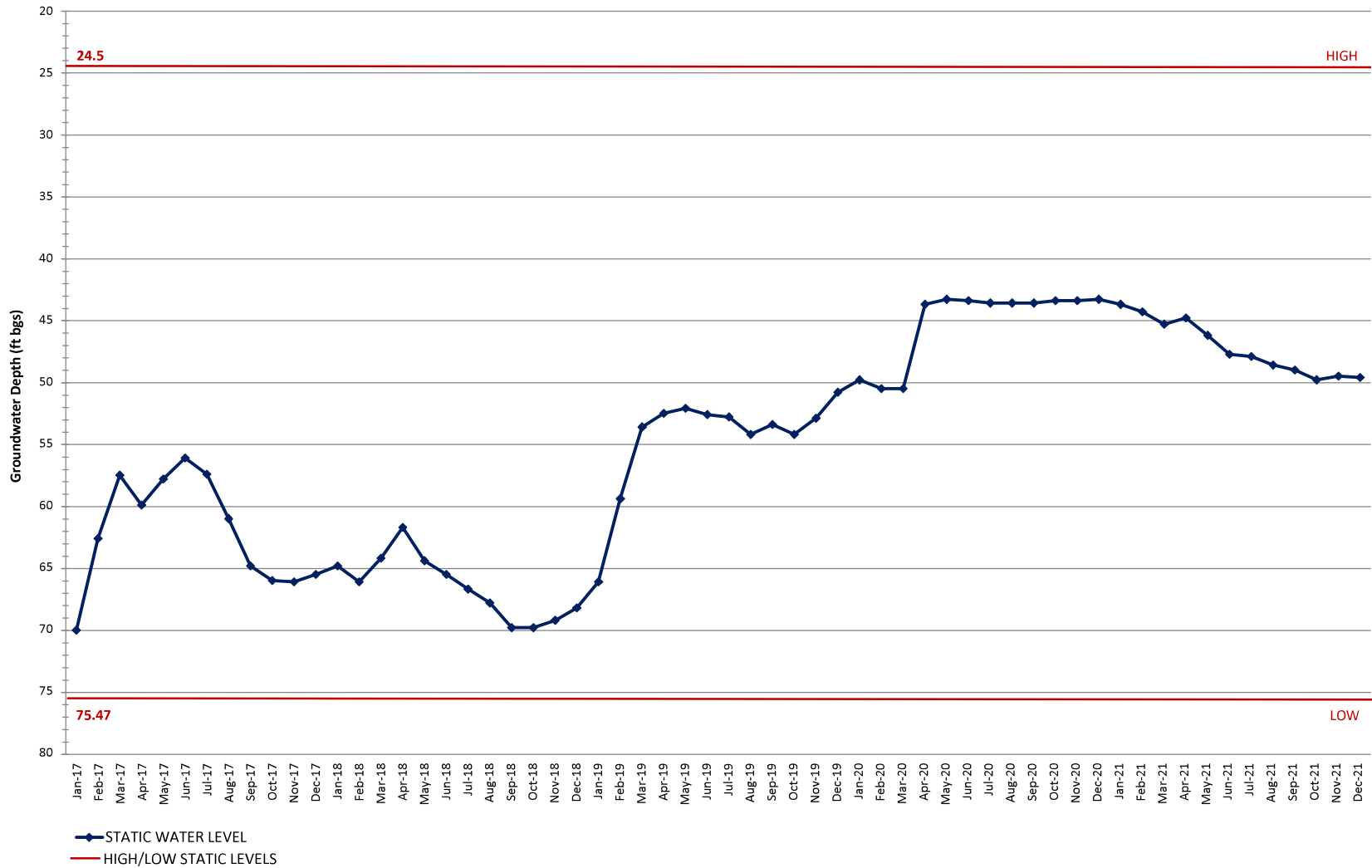
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STATIC WATER LEVEL



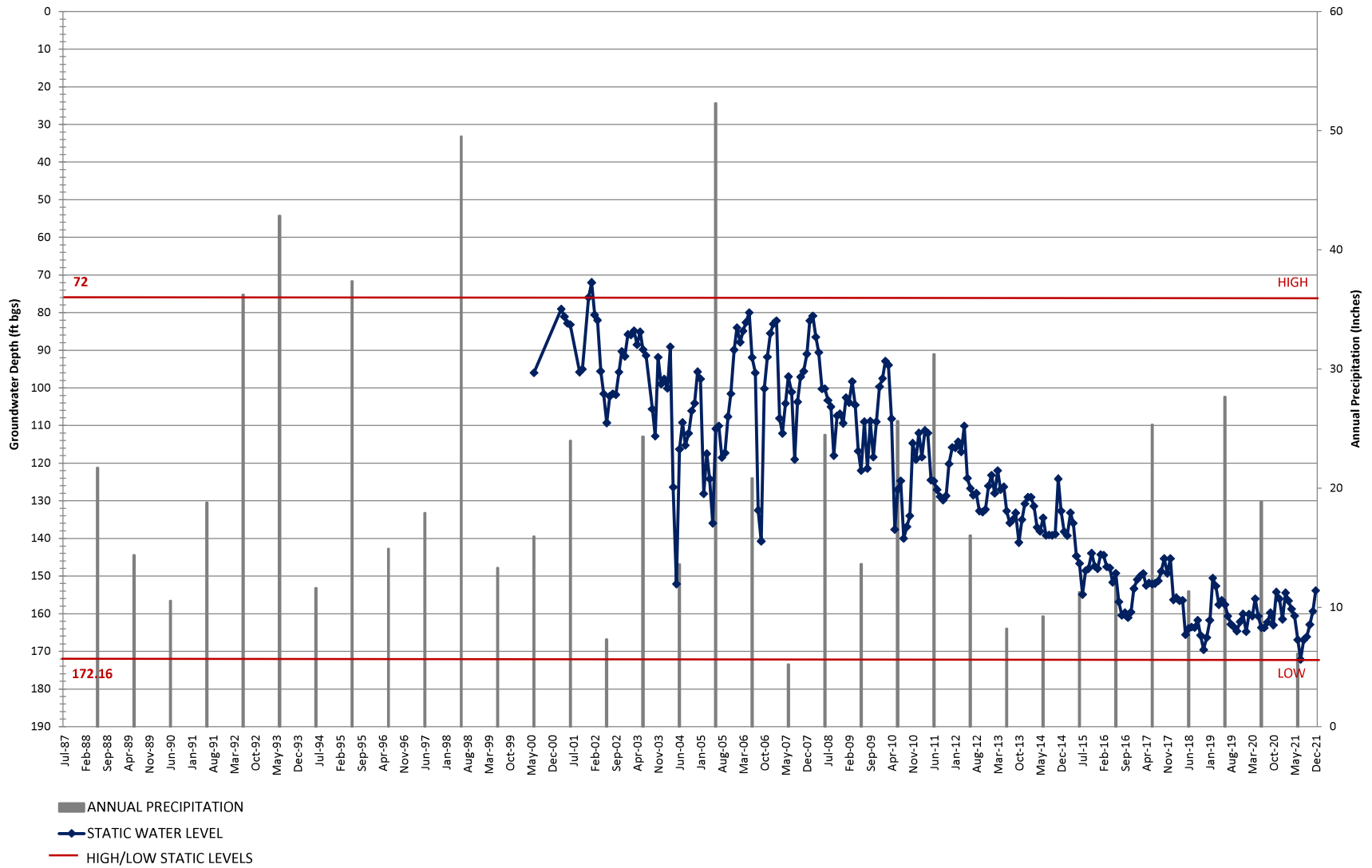
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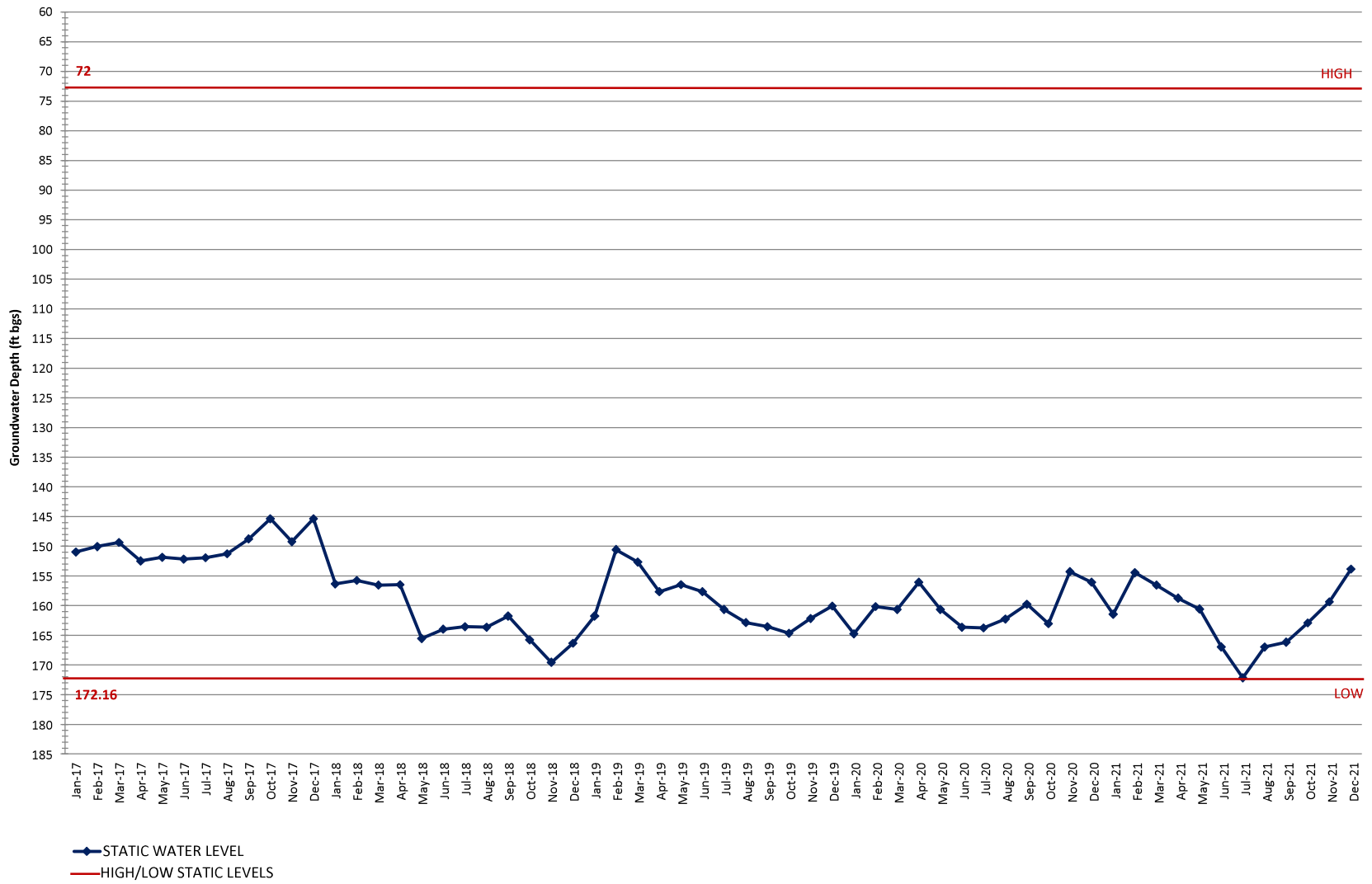
SCV WATER WELL S8
STATIC WATER LEVEL



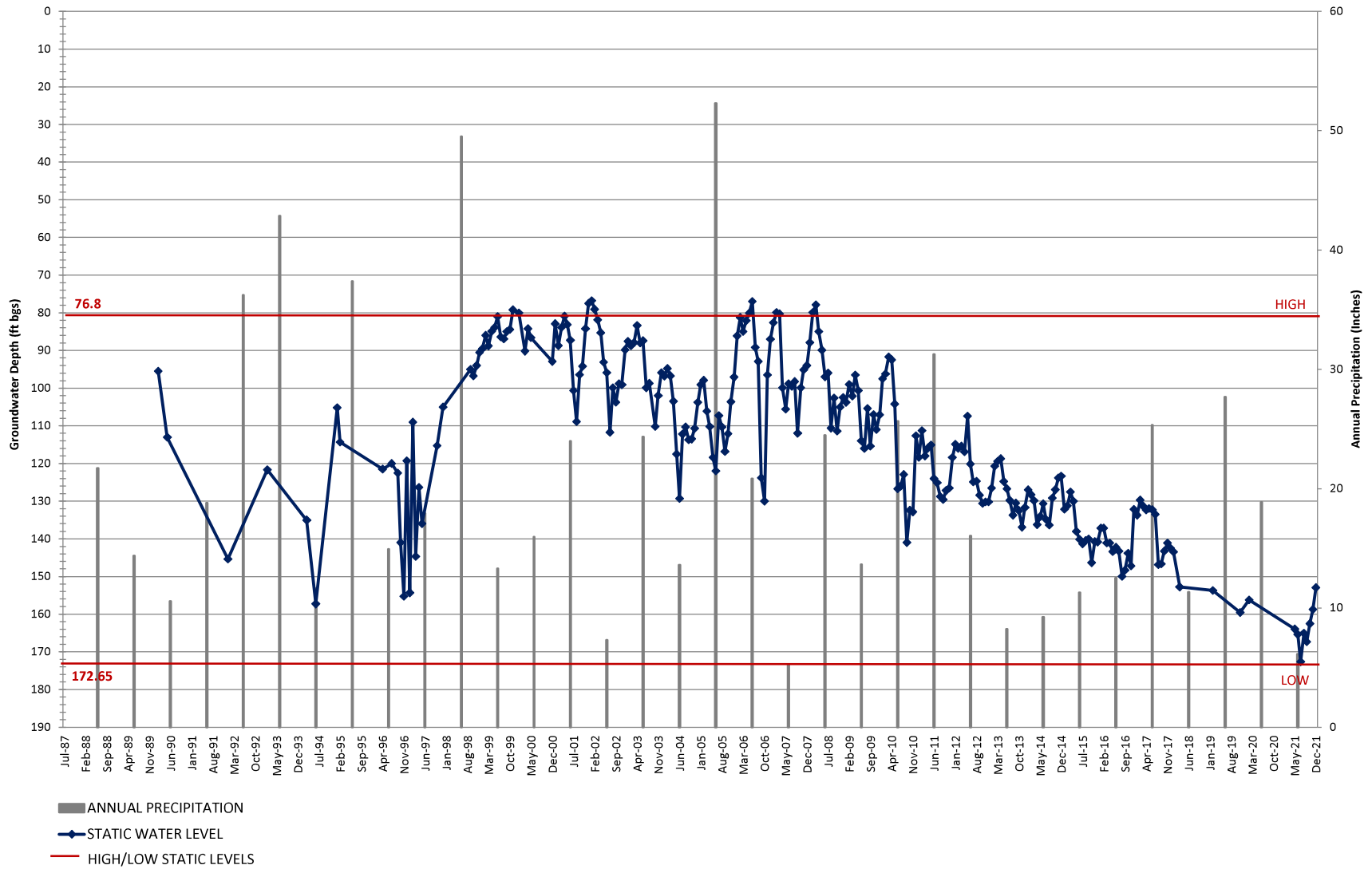
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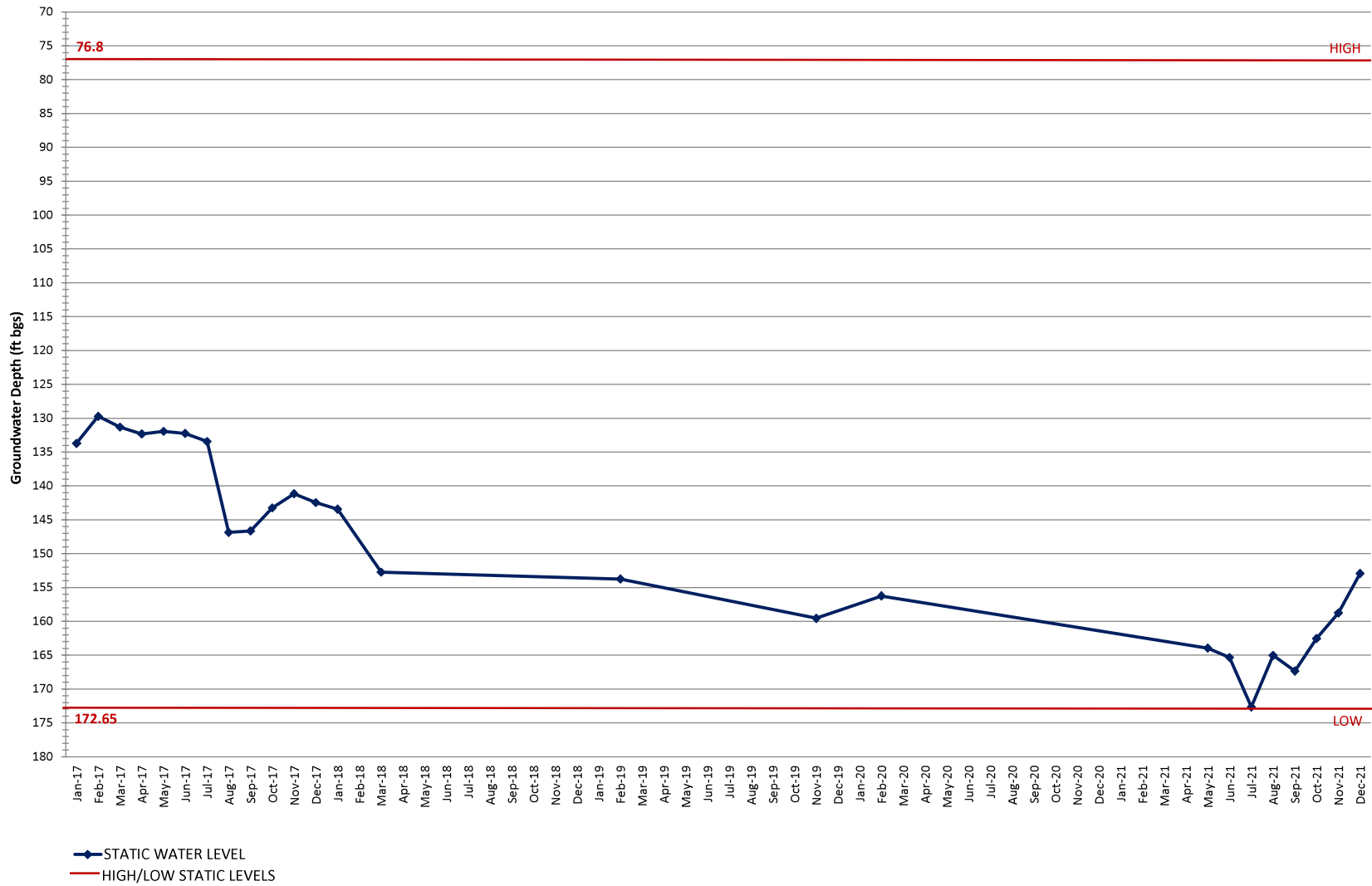
SCV WATER WELL 205
 STATIC WATER LEVEL



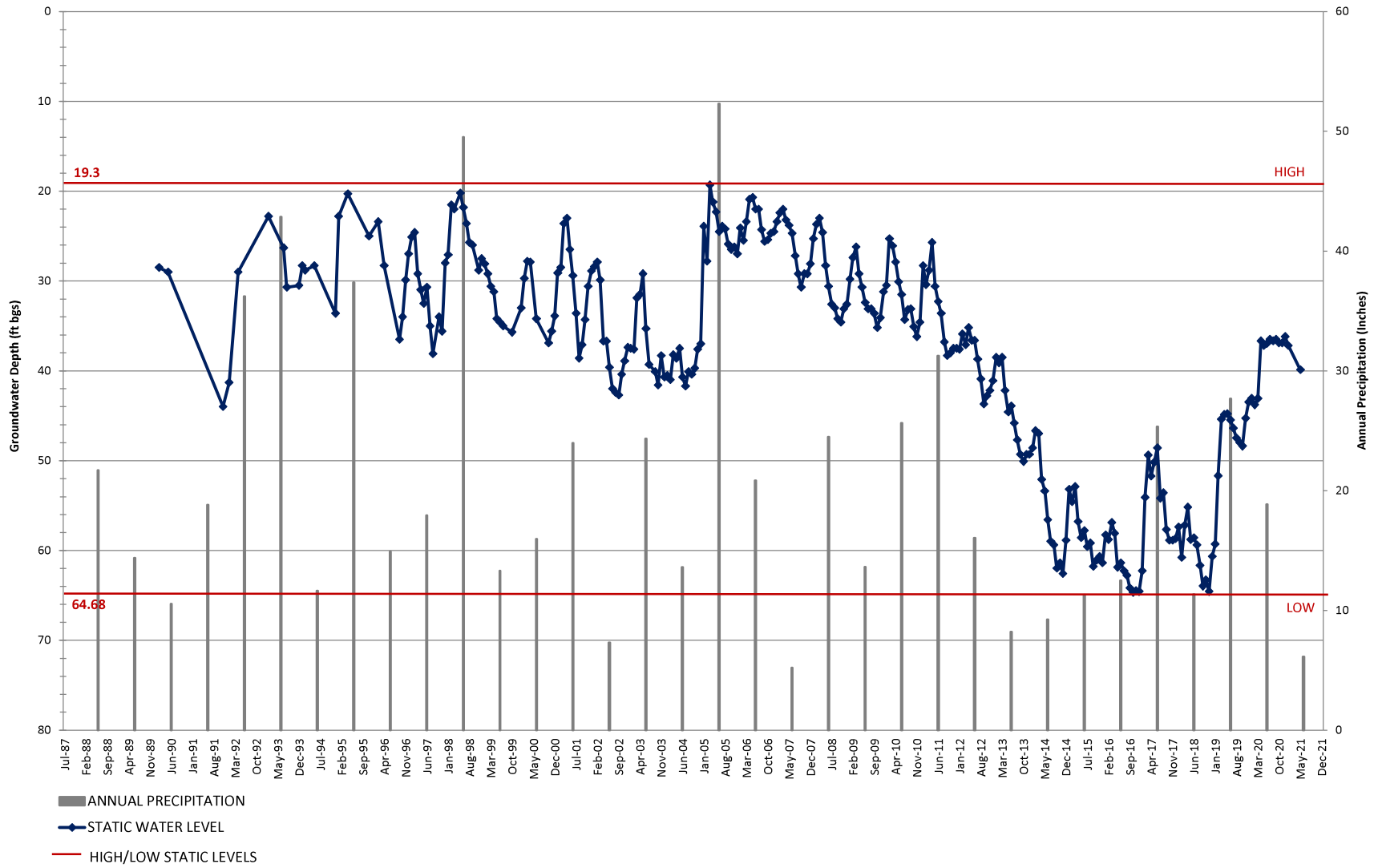
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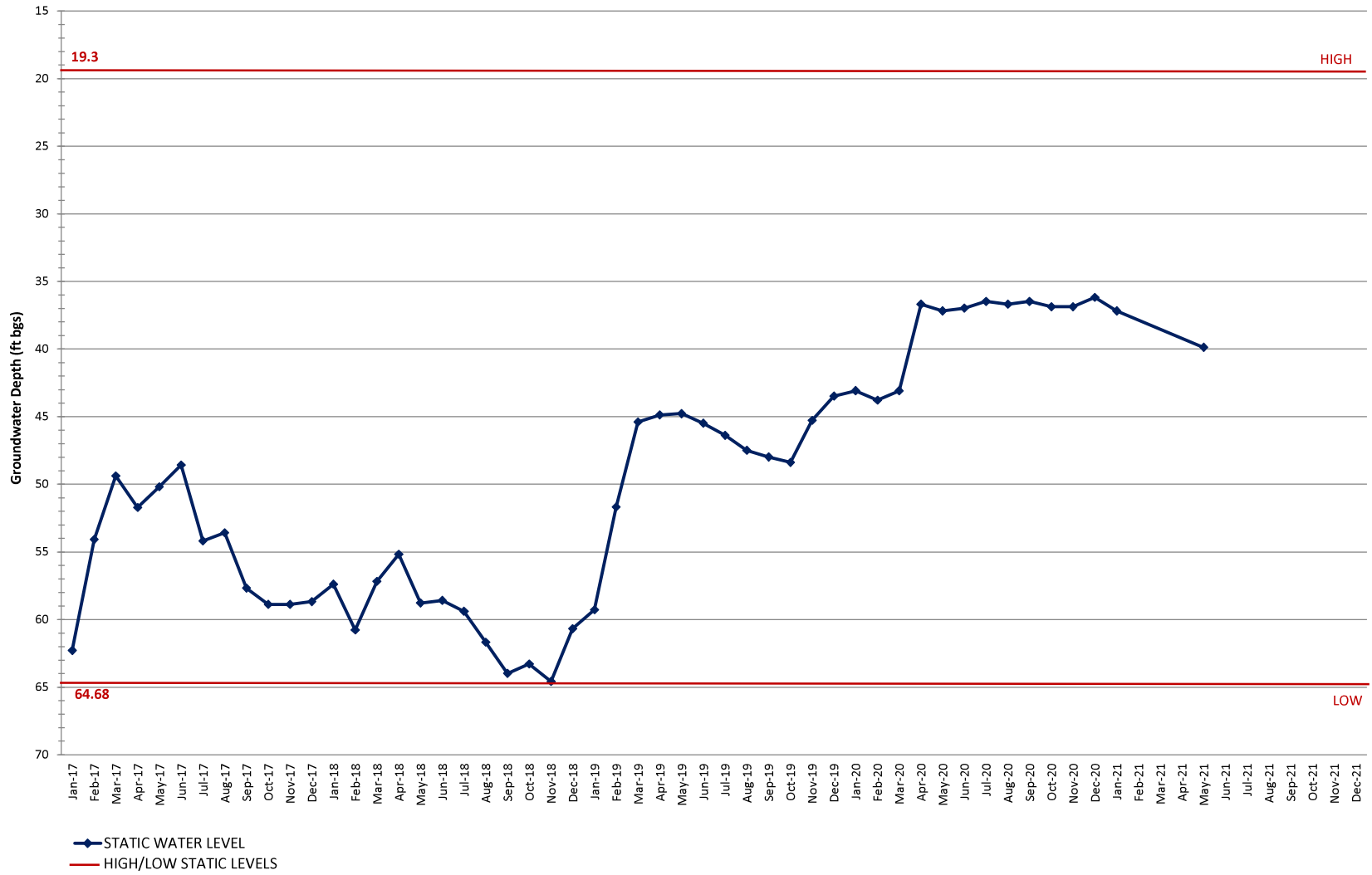
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 STATIC WATER LEVEL



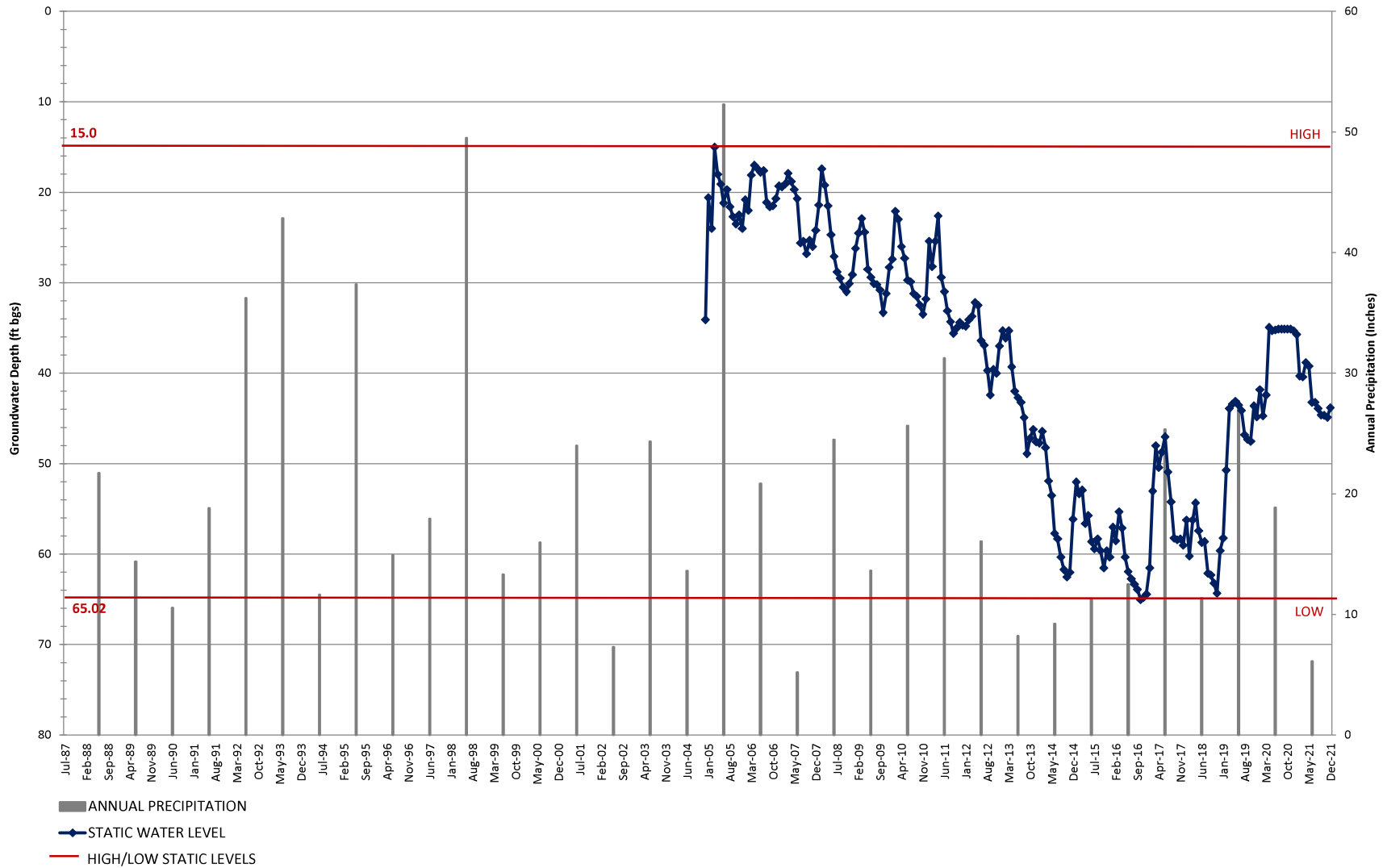
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 STATIC WATER LEVEL VS PRECIPITATION



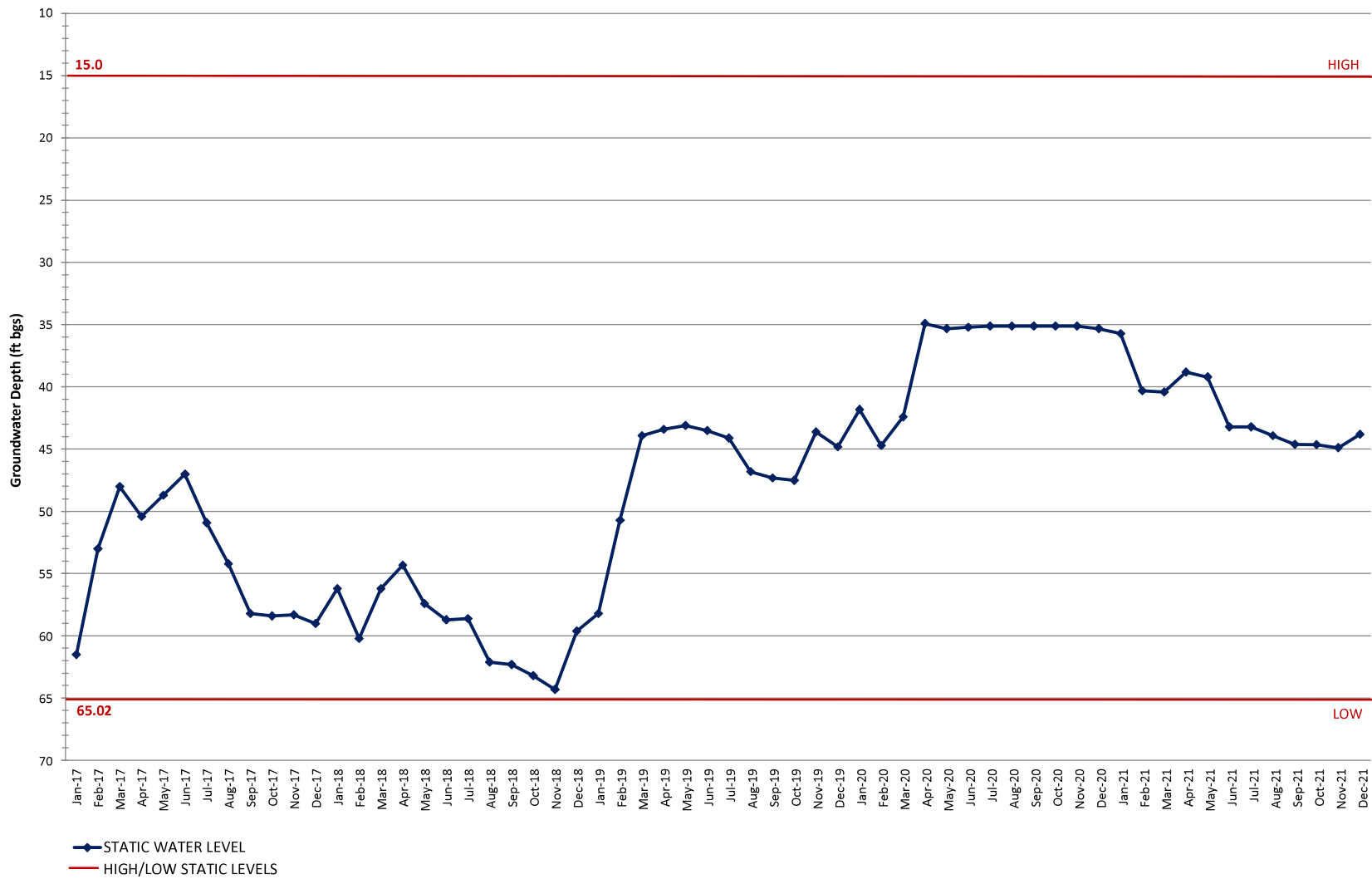
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 STATIC WATER LEVEL



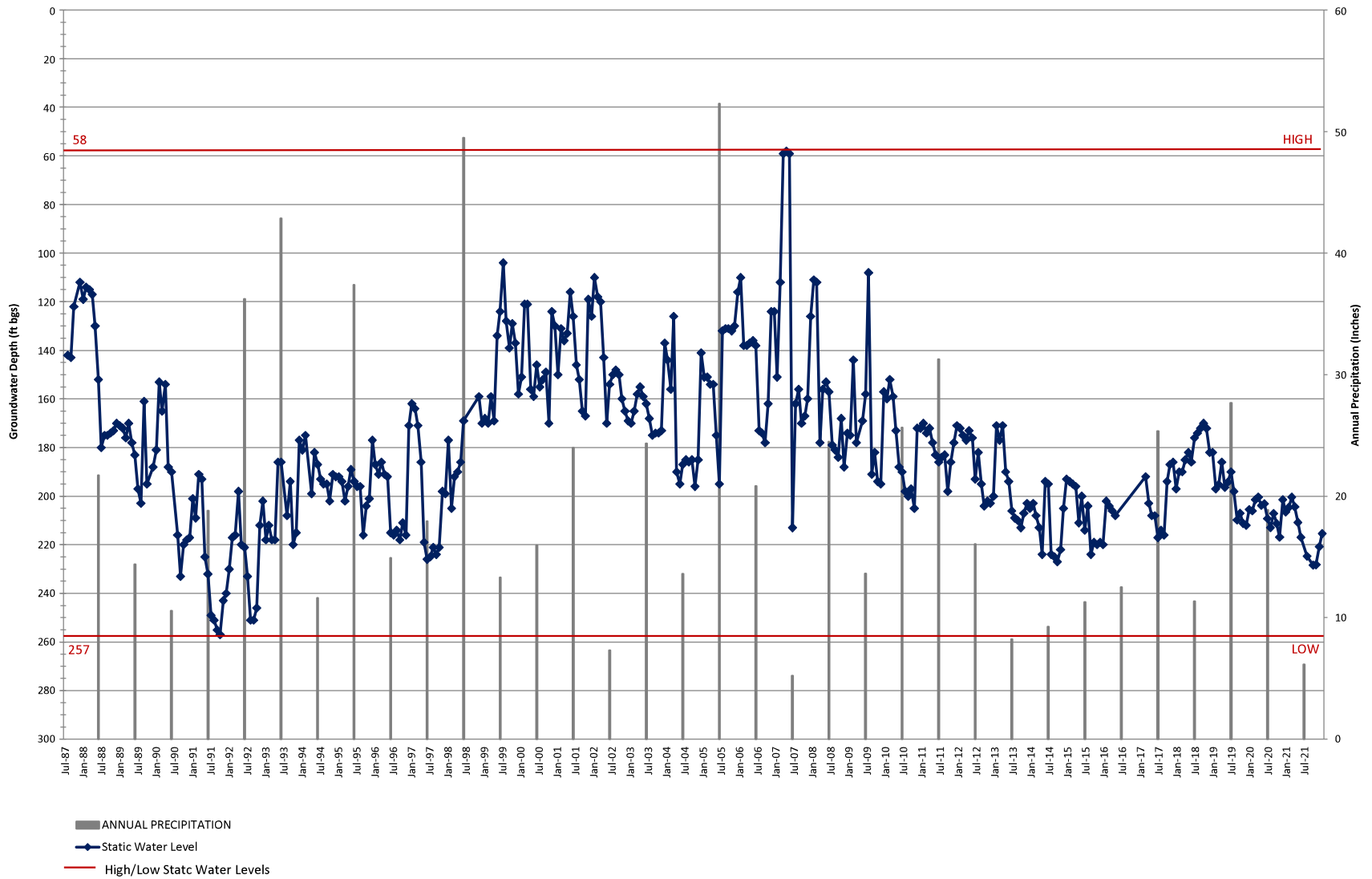
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 STATIC WATER LEVEL VS PRECIPITATION



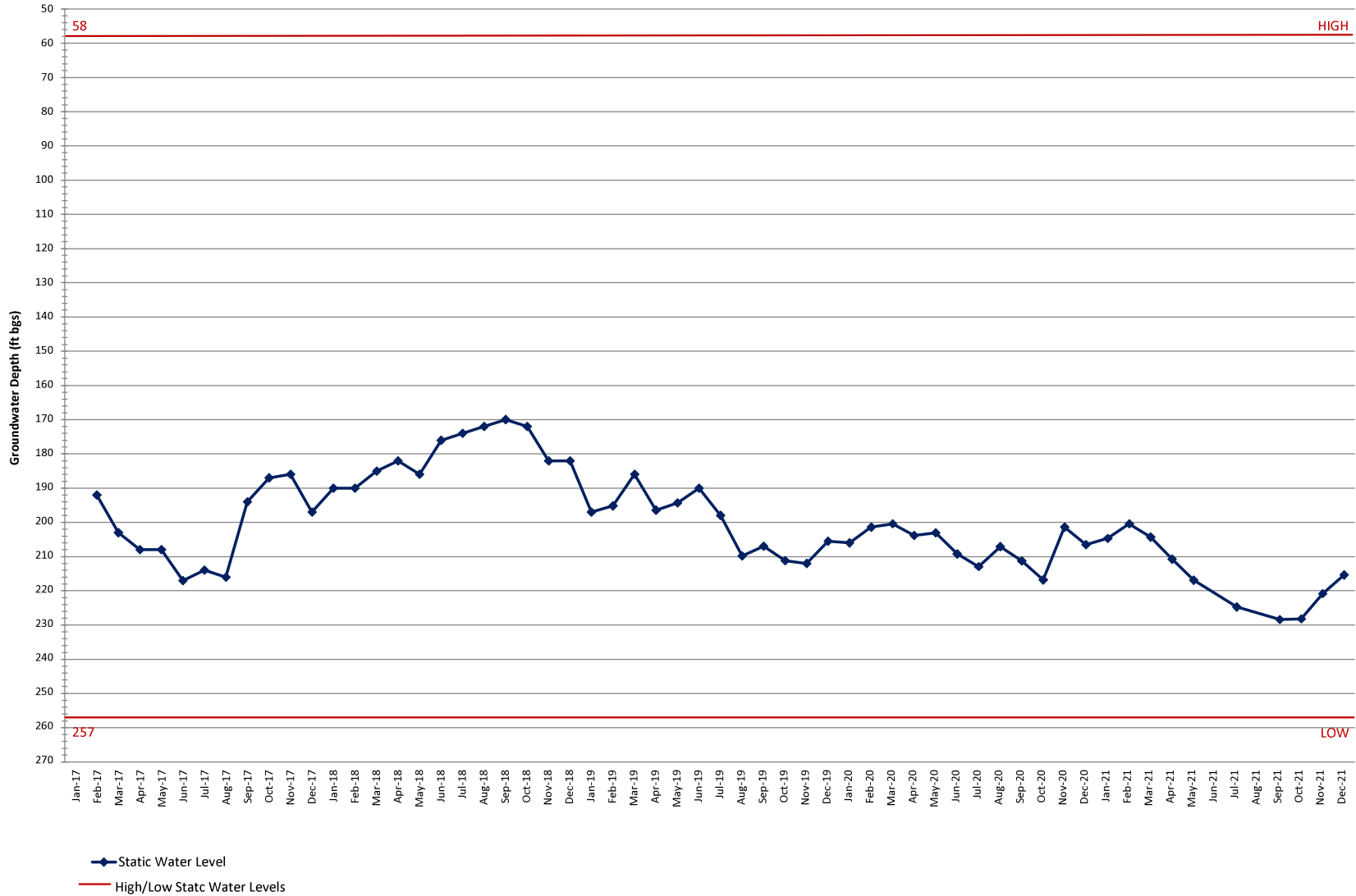
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 STATIC WATER LEVEL



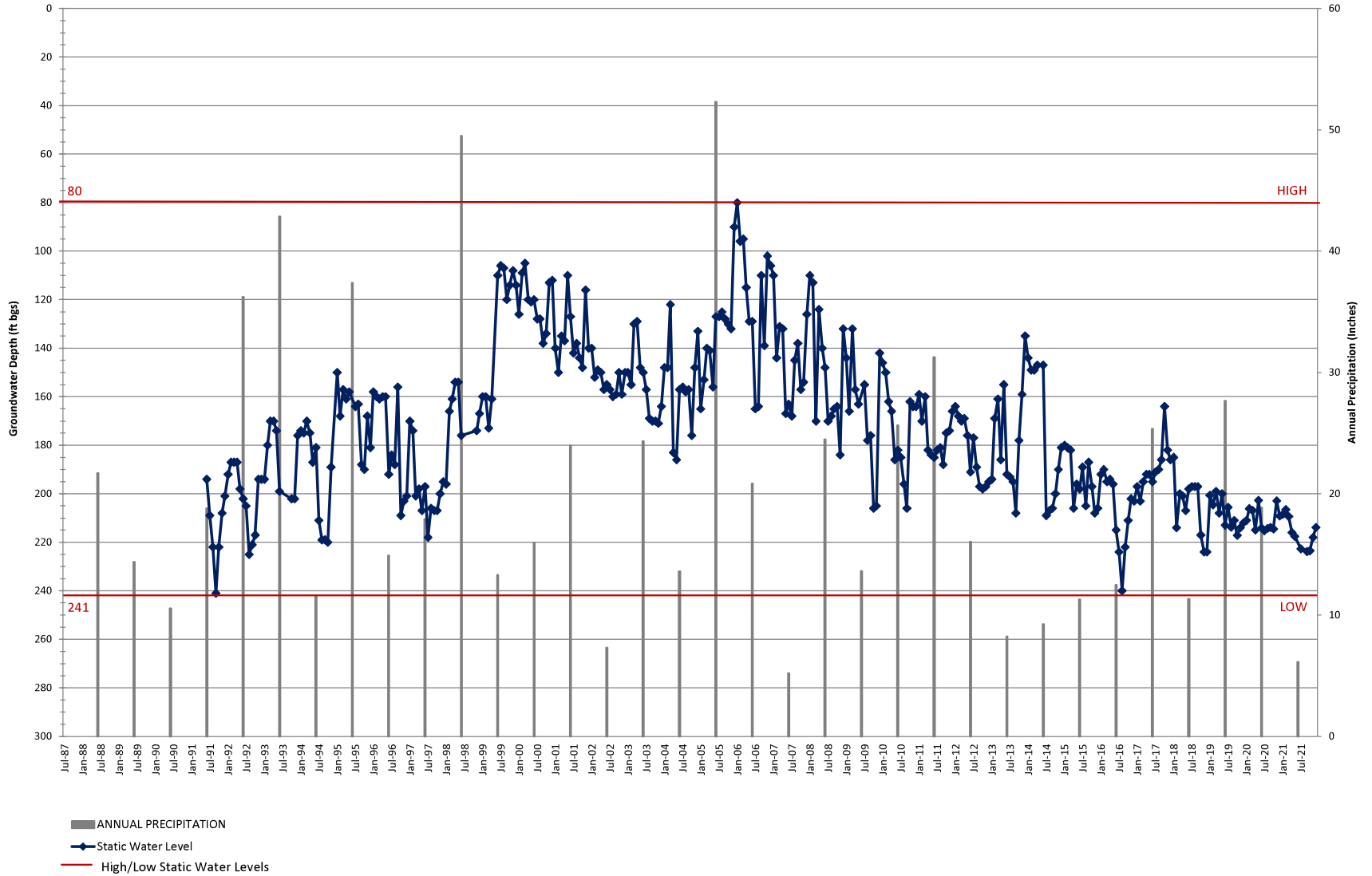
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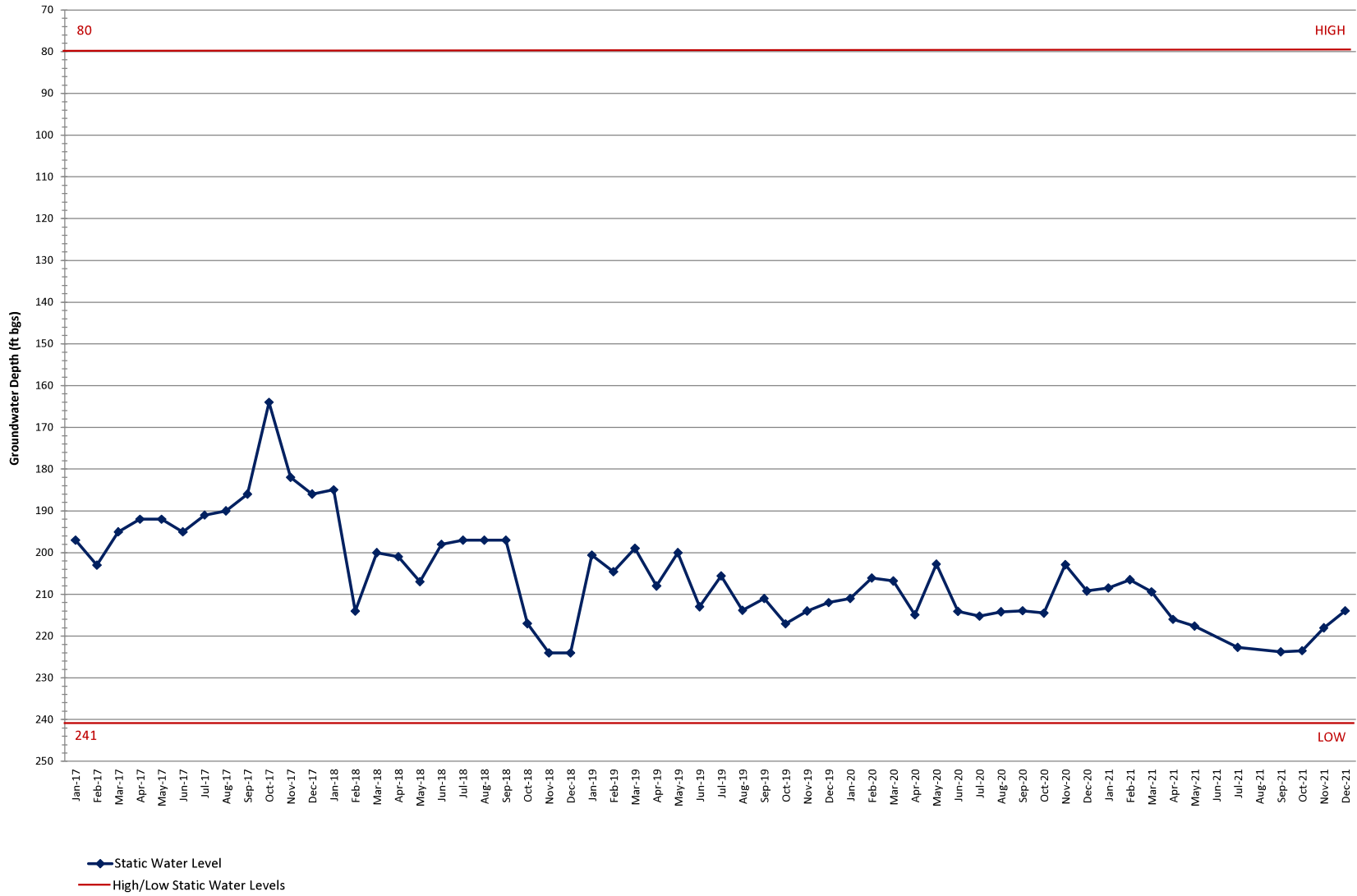
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 STATIC WATER LEVEL



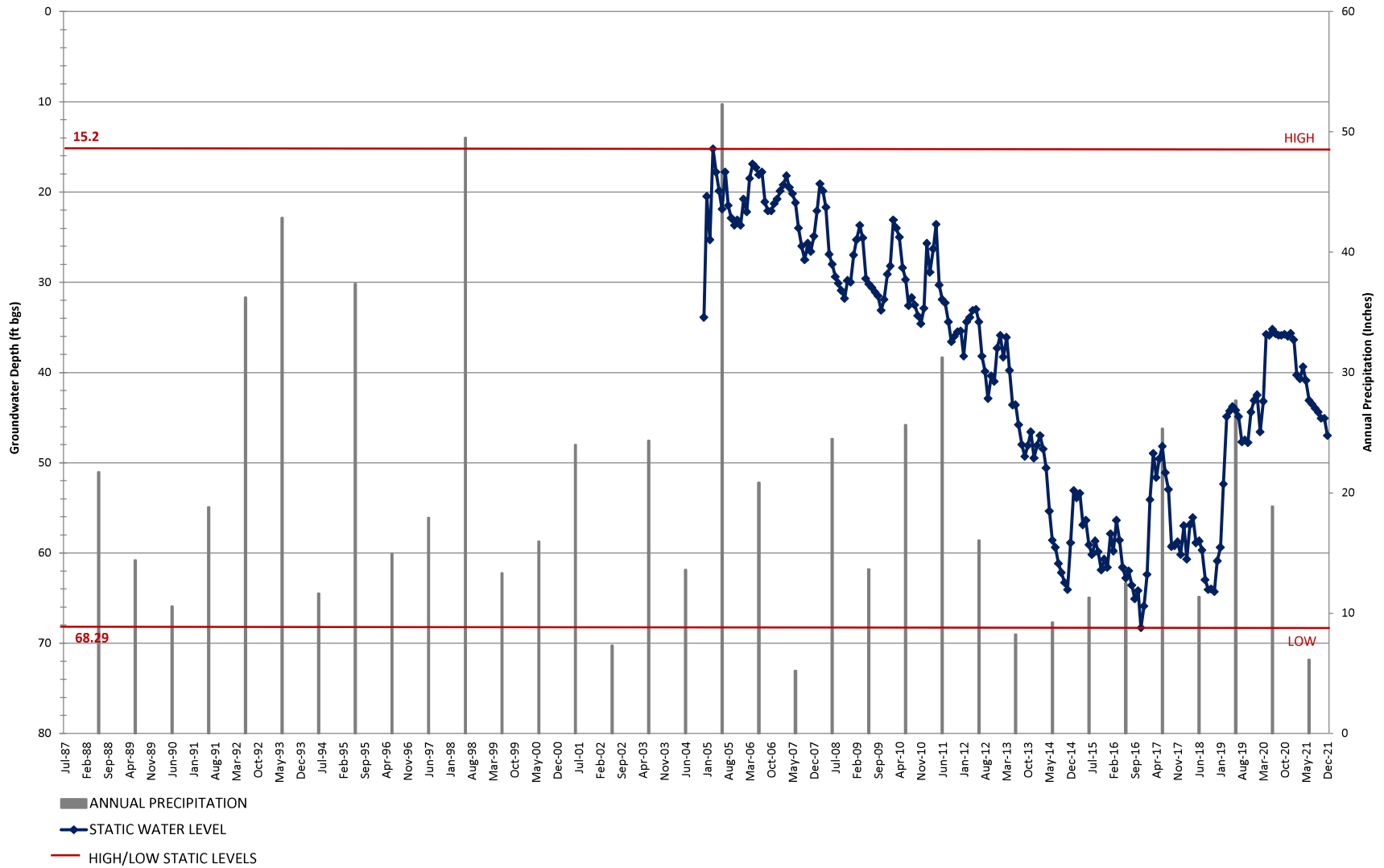
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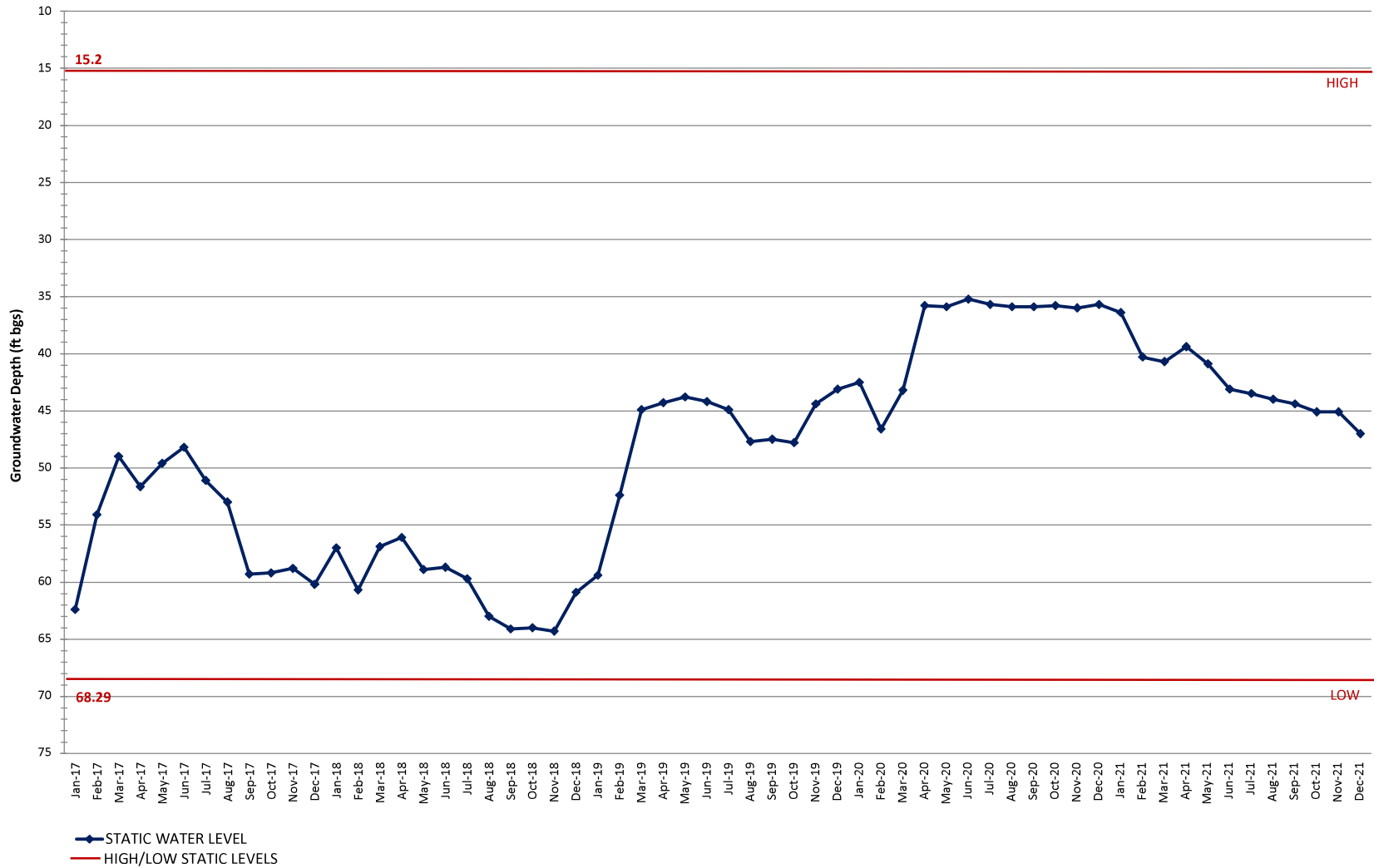
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 STATIC WATER LEVEL



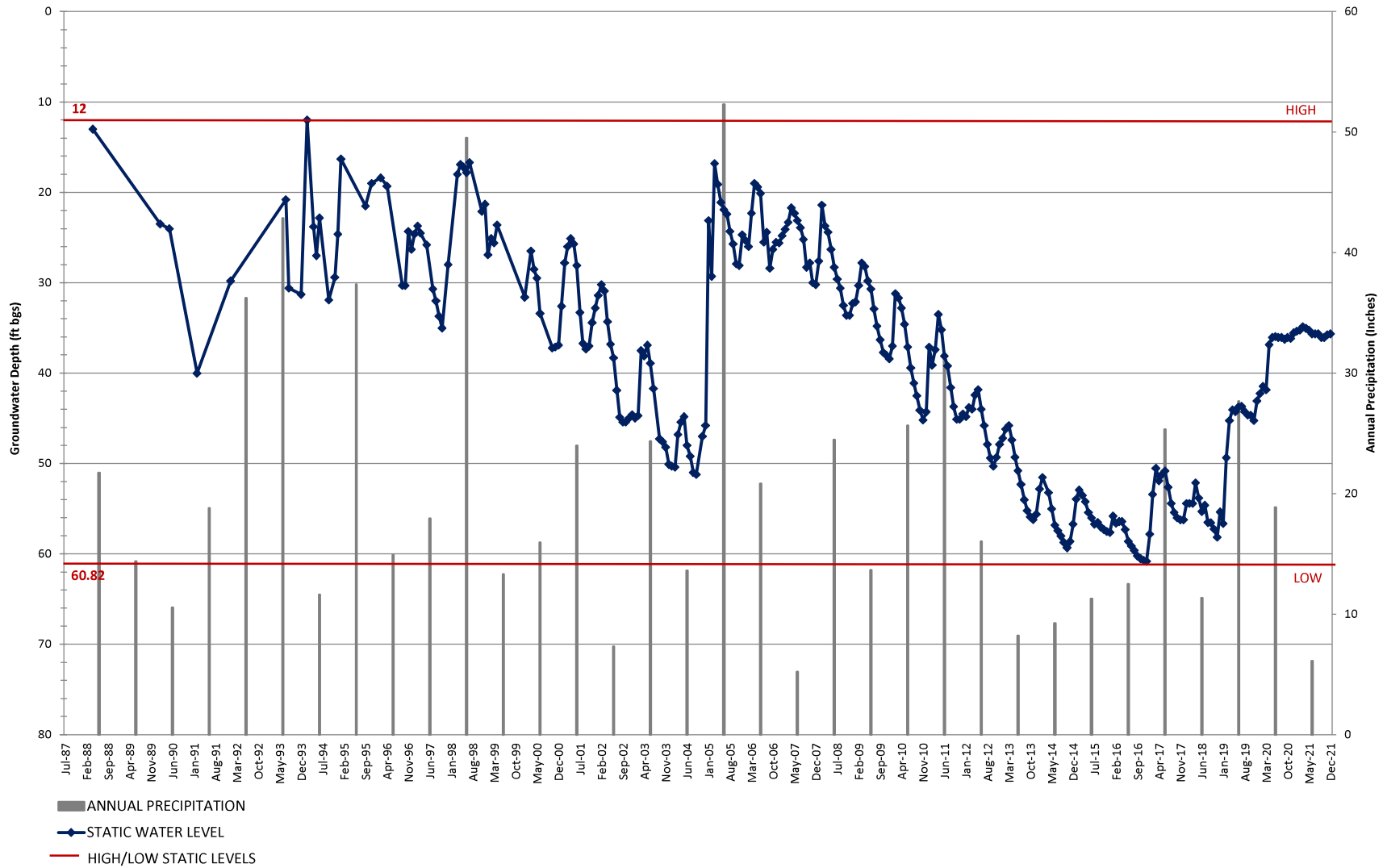
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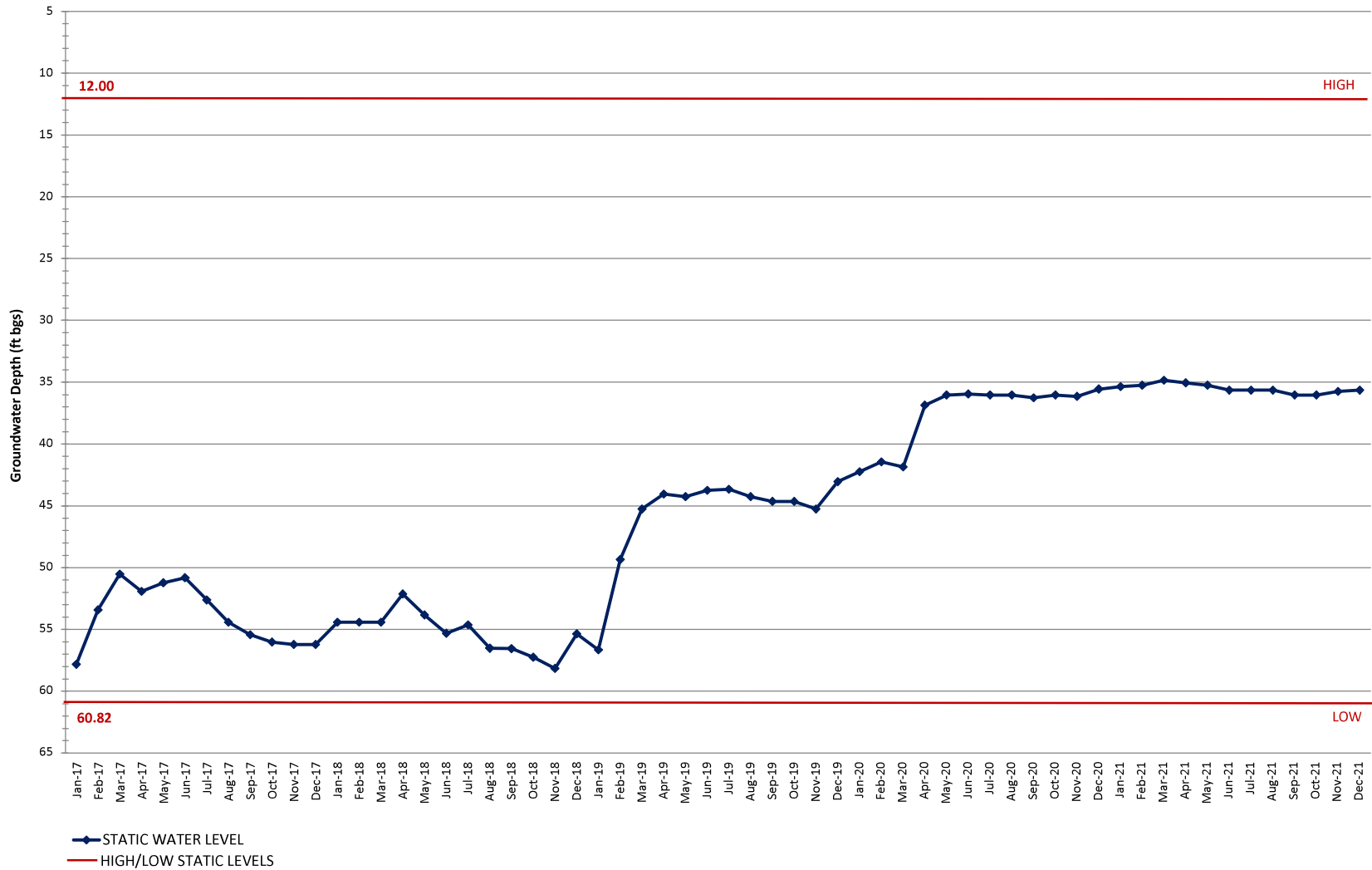
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STATIC WATER LEVEL



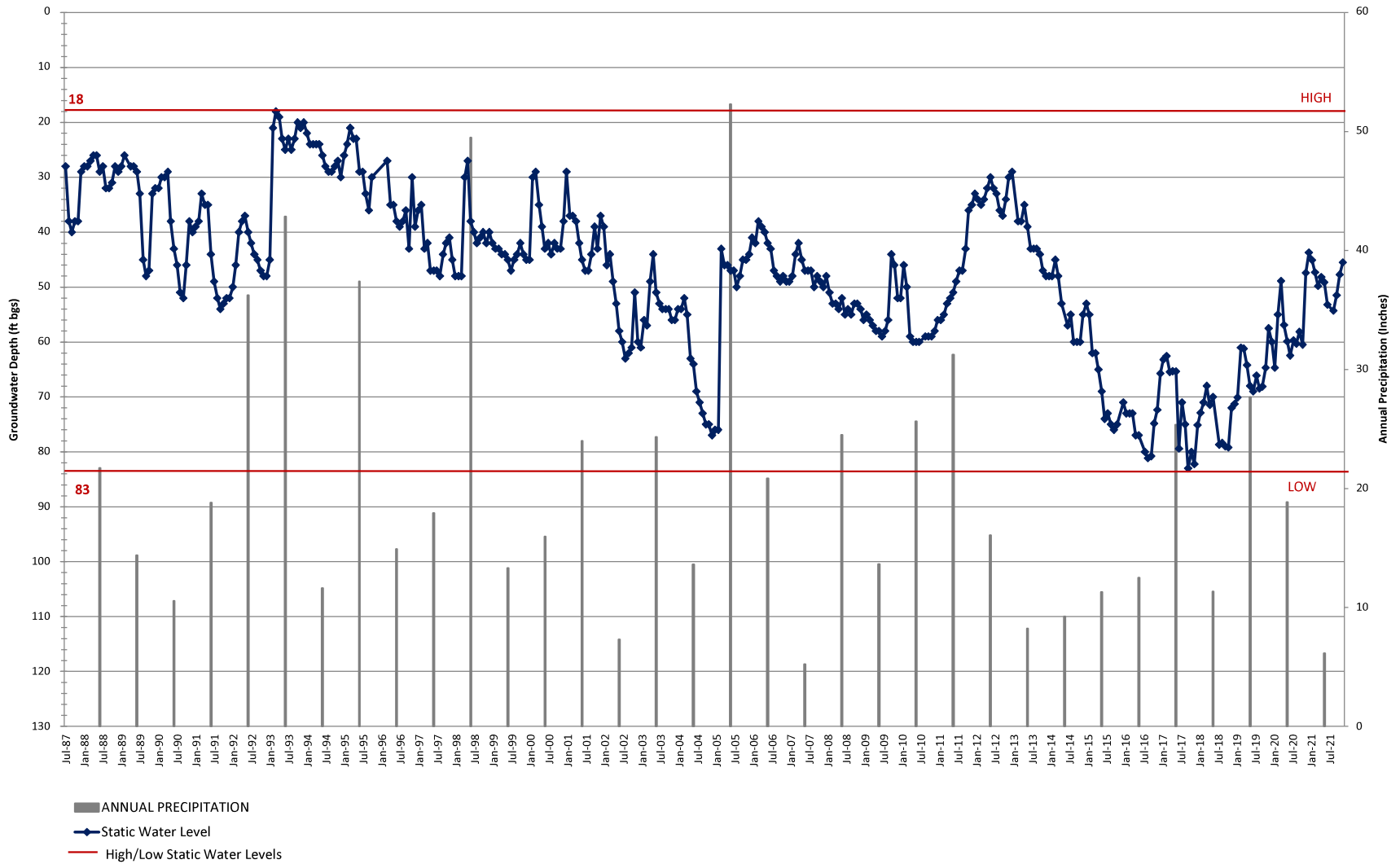
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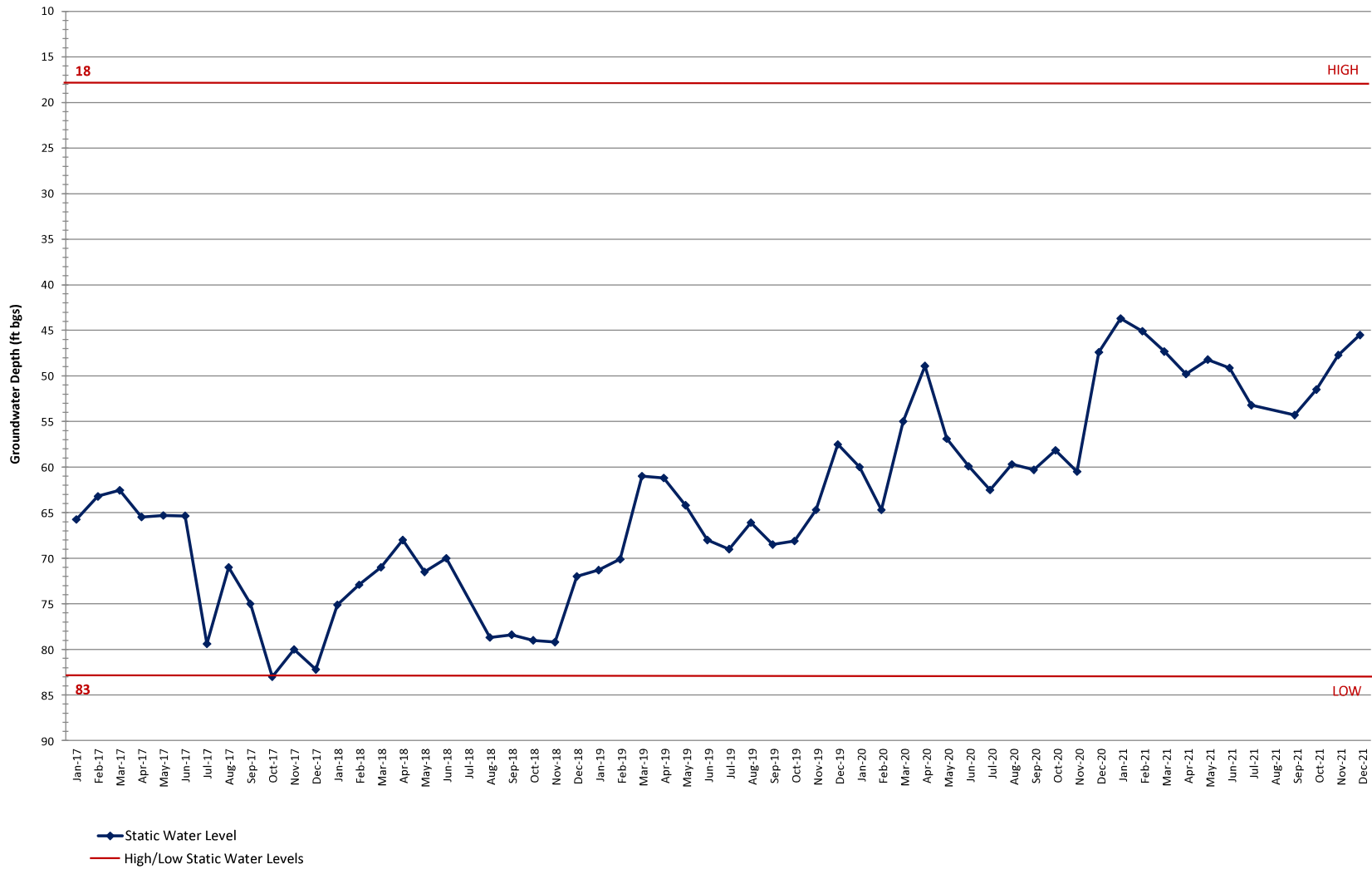
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 STATIC WATER LEVEL



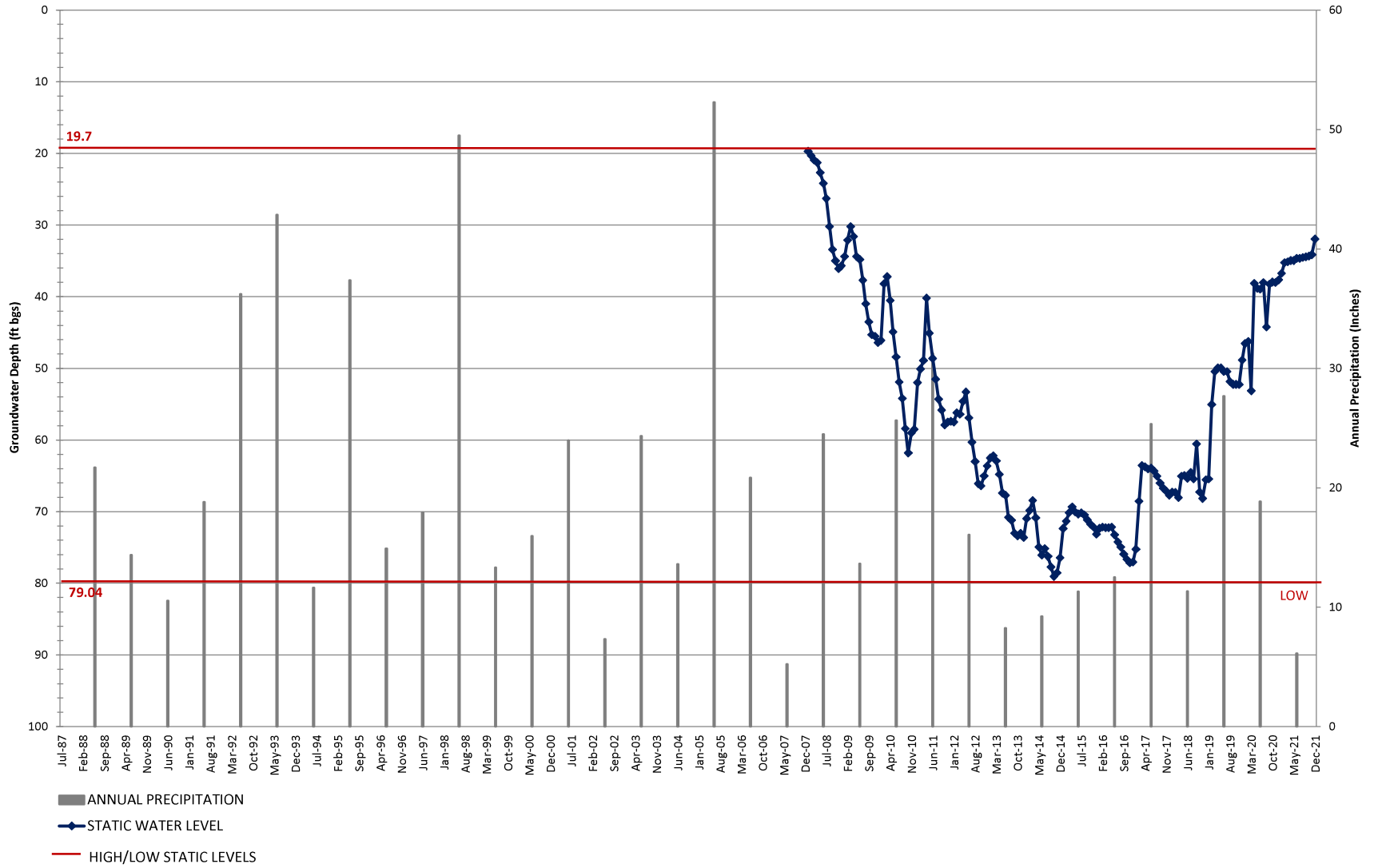
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STATIC WATER LEVEL VS PRECIPITATION



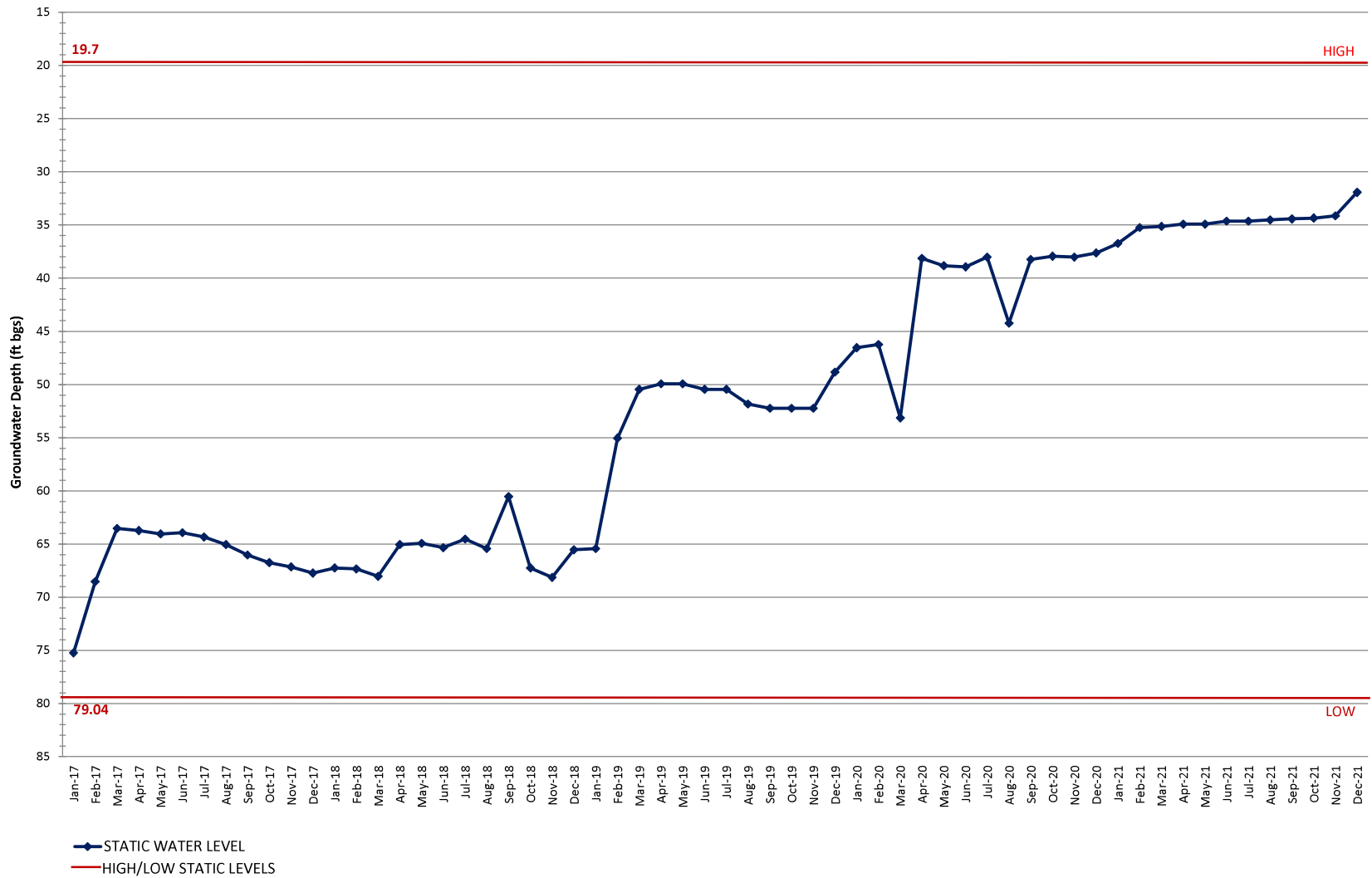
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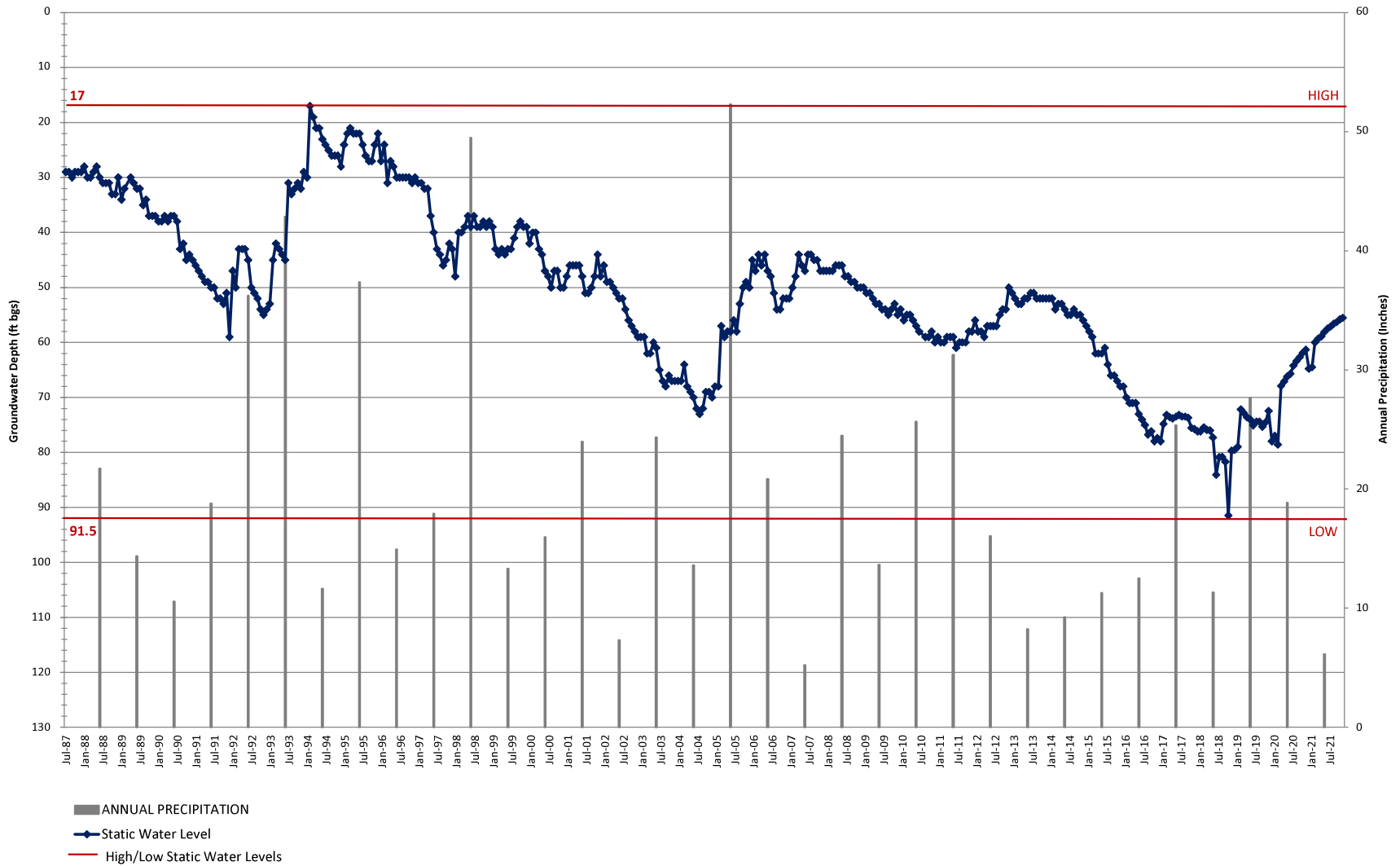
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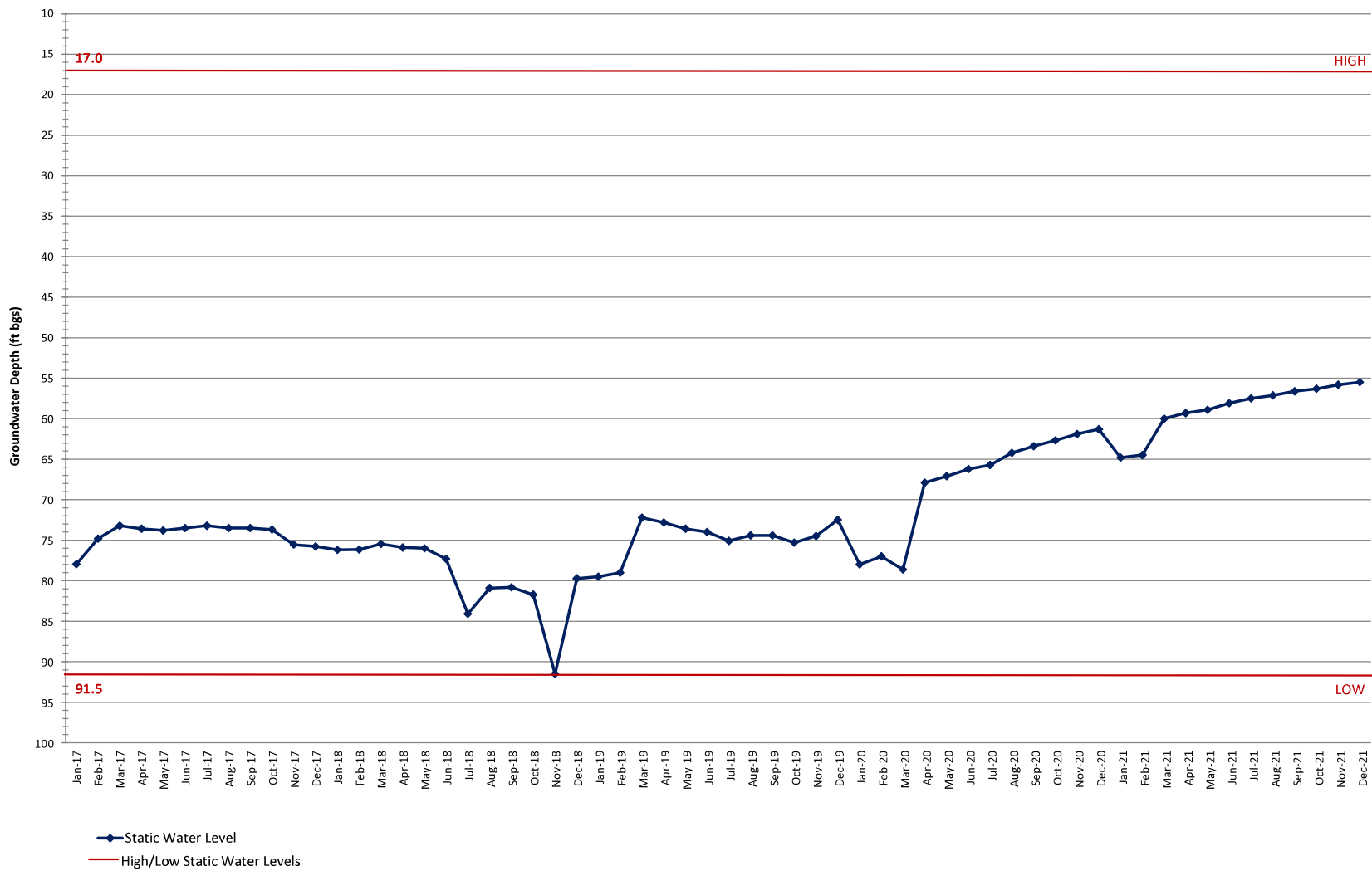
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STATIC WATER LEVEL



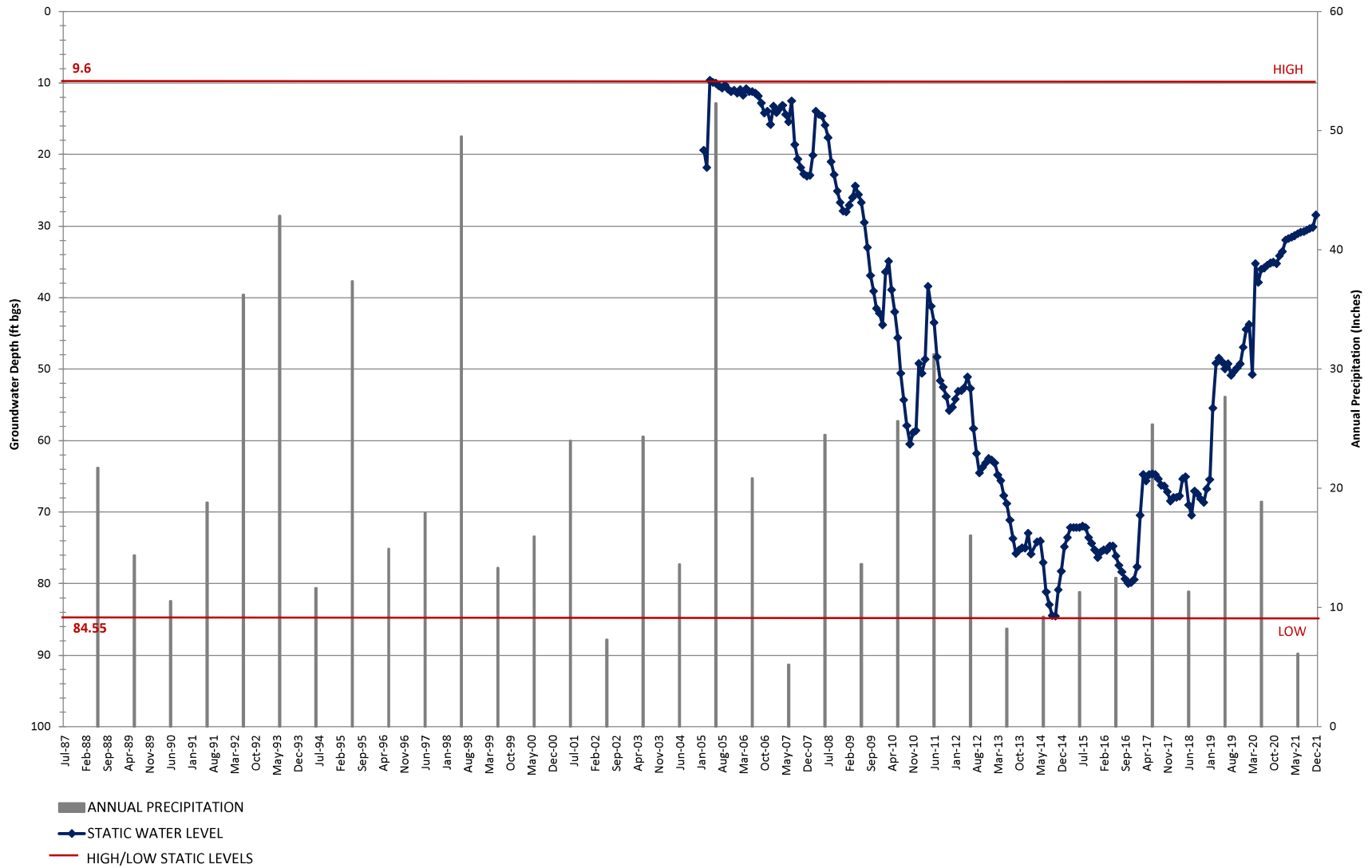
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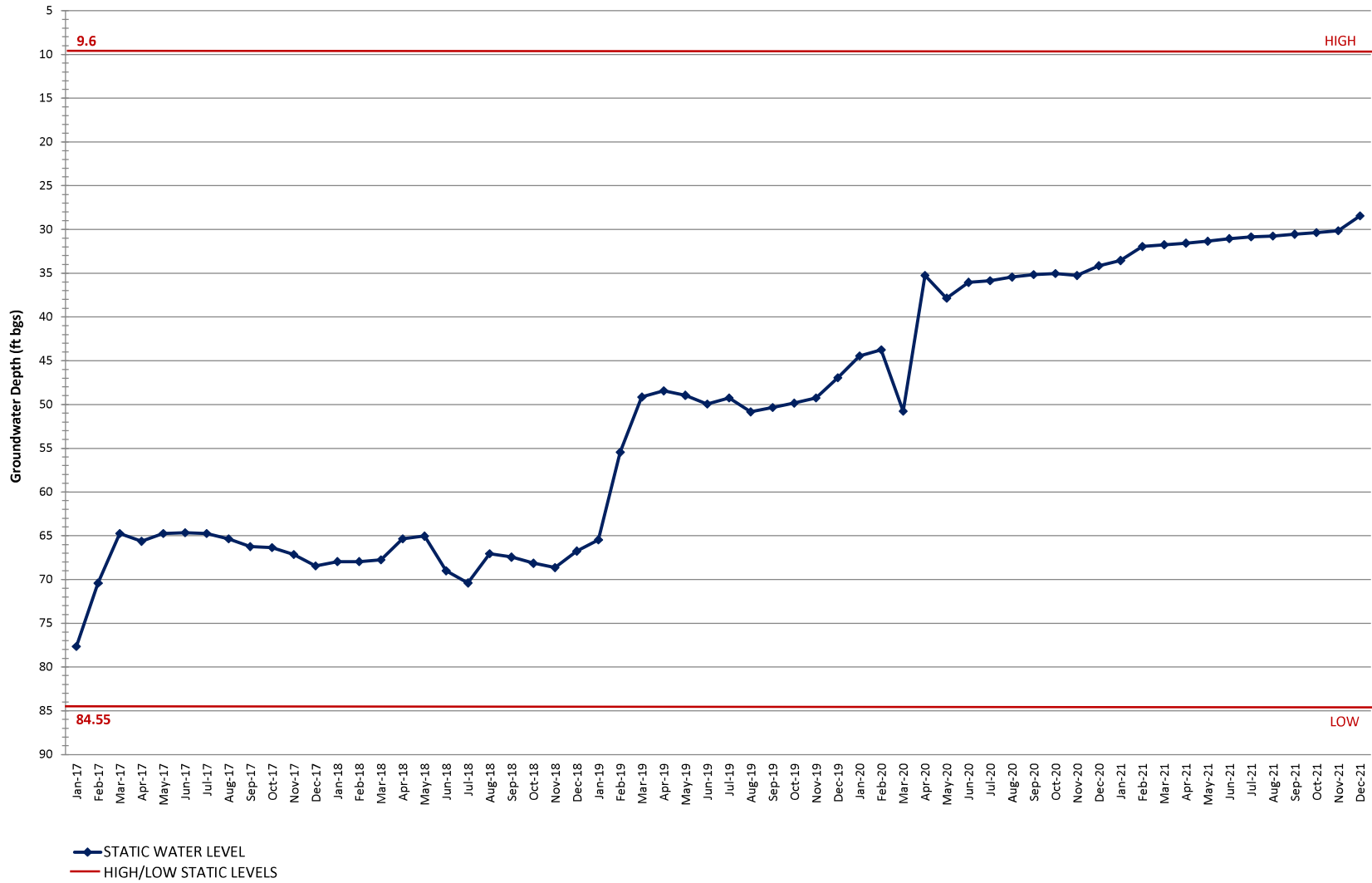
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 STATIC WATER LEVEL



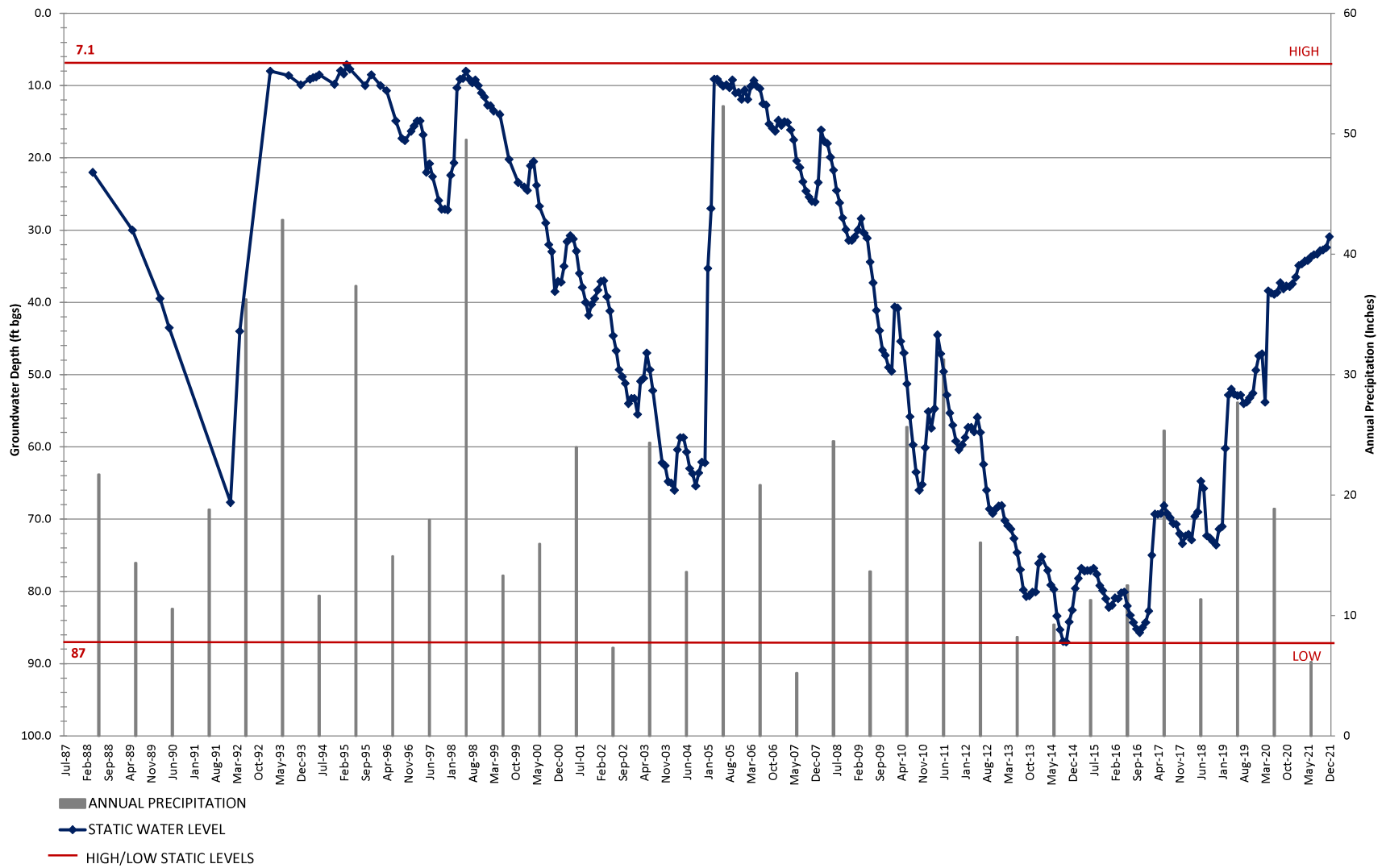
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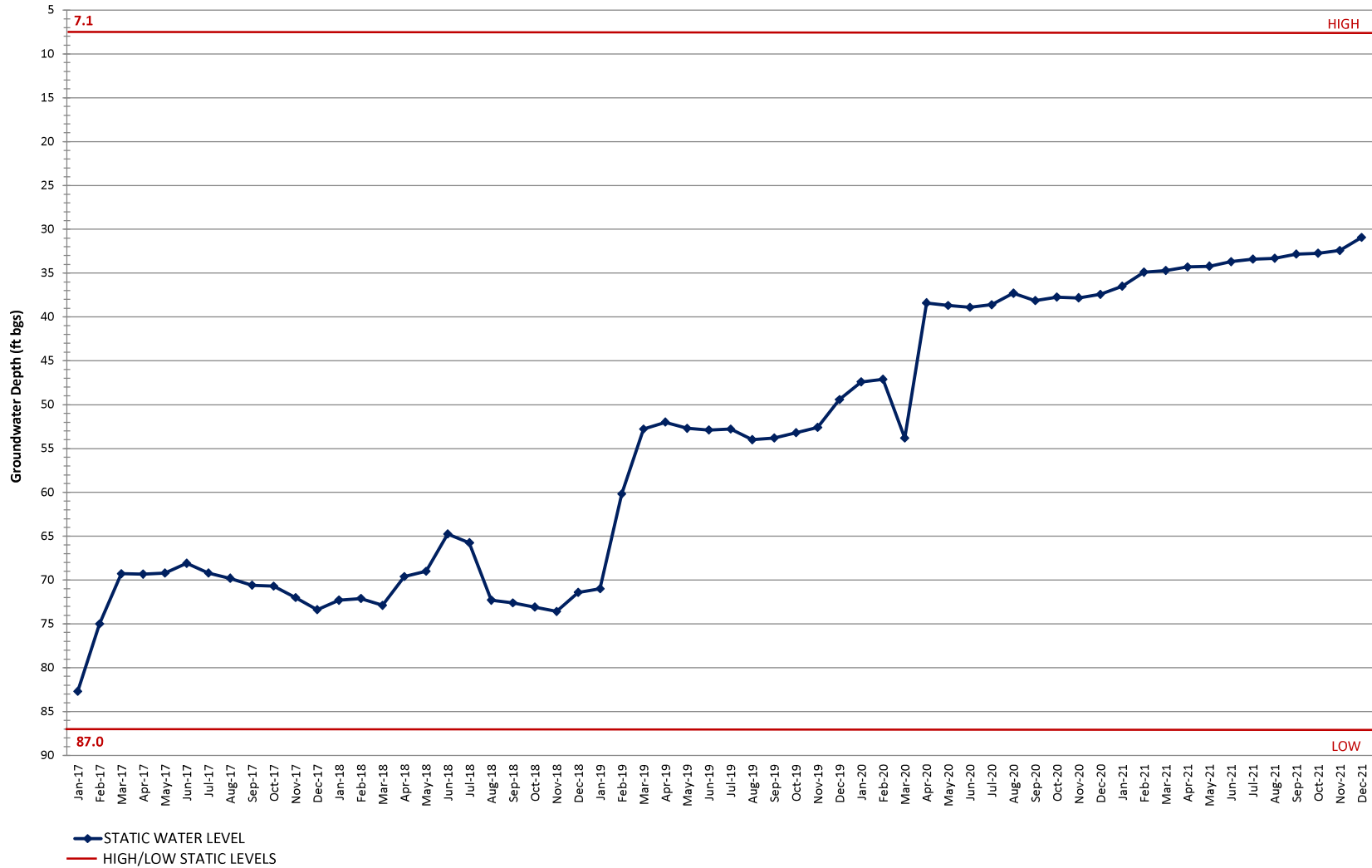
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STATIC WATER LEVEL



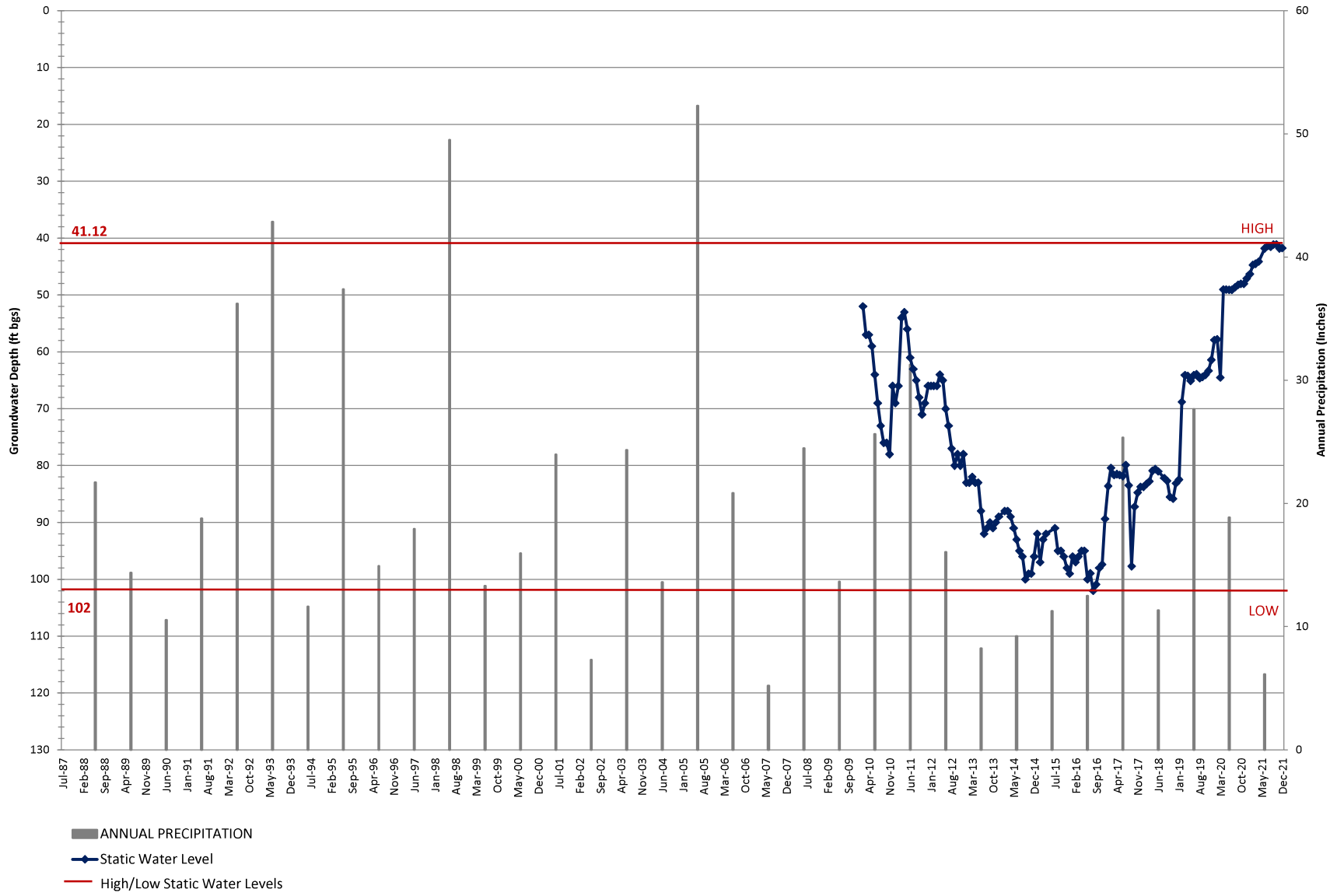
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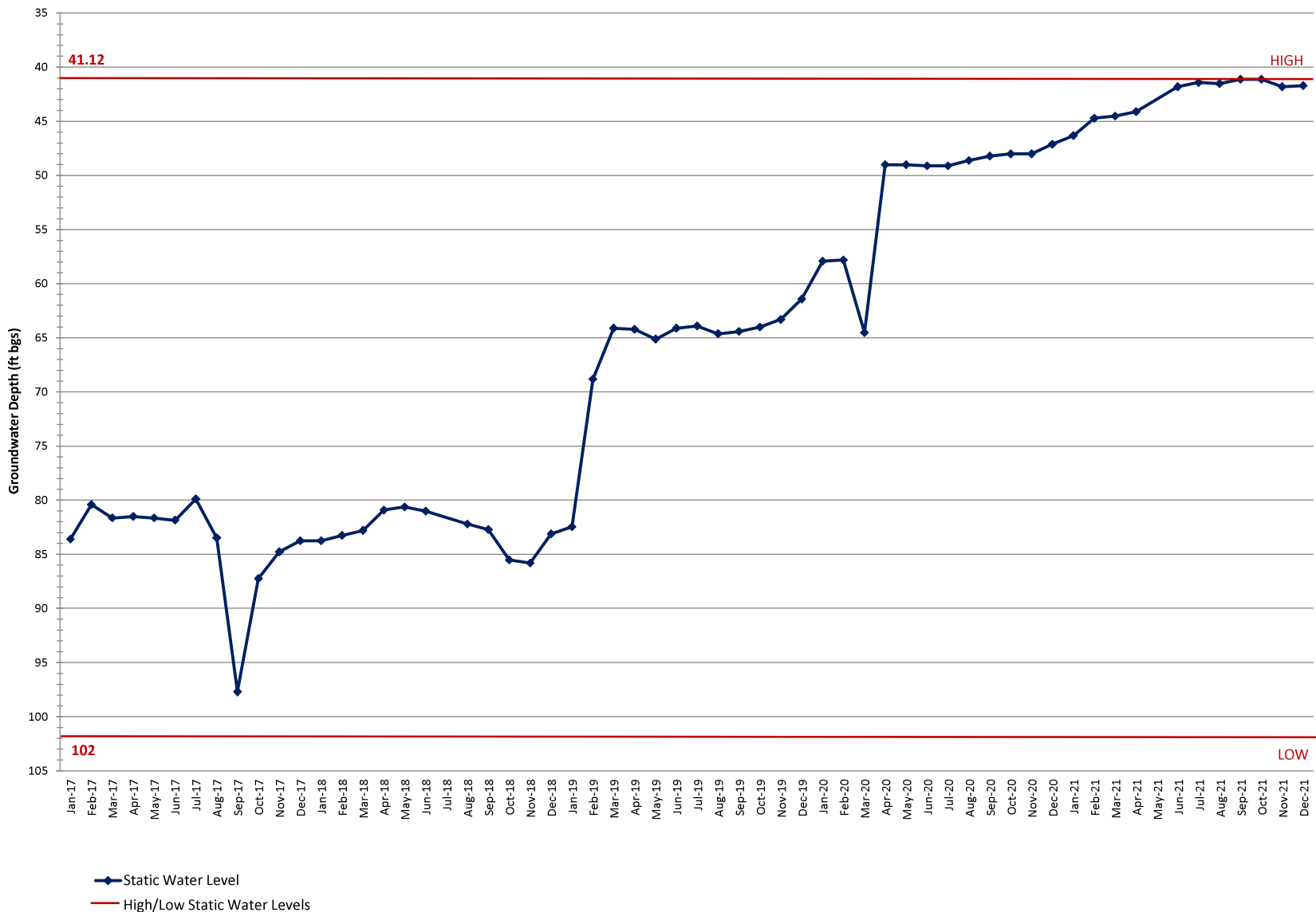
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STATIC WATER LEVEL



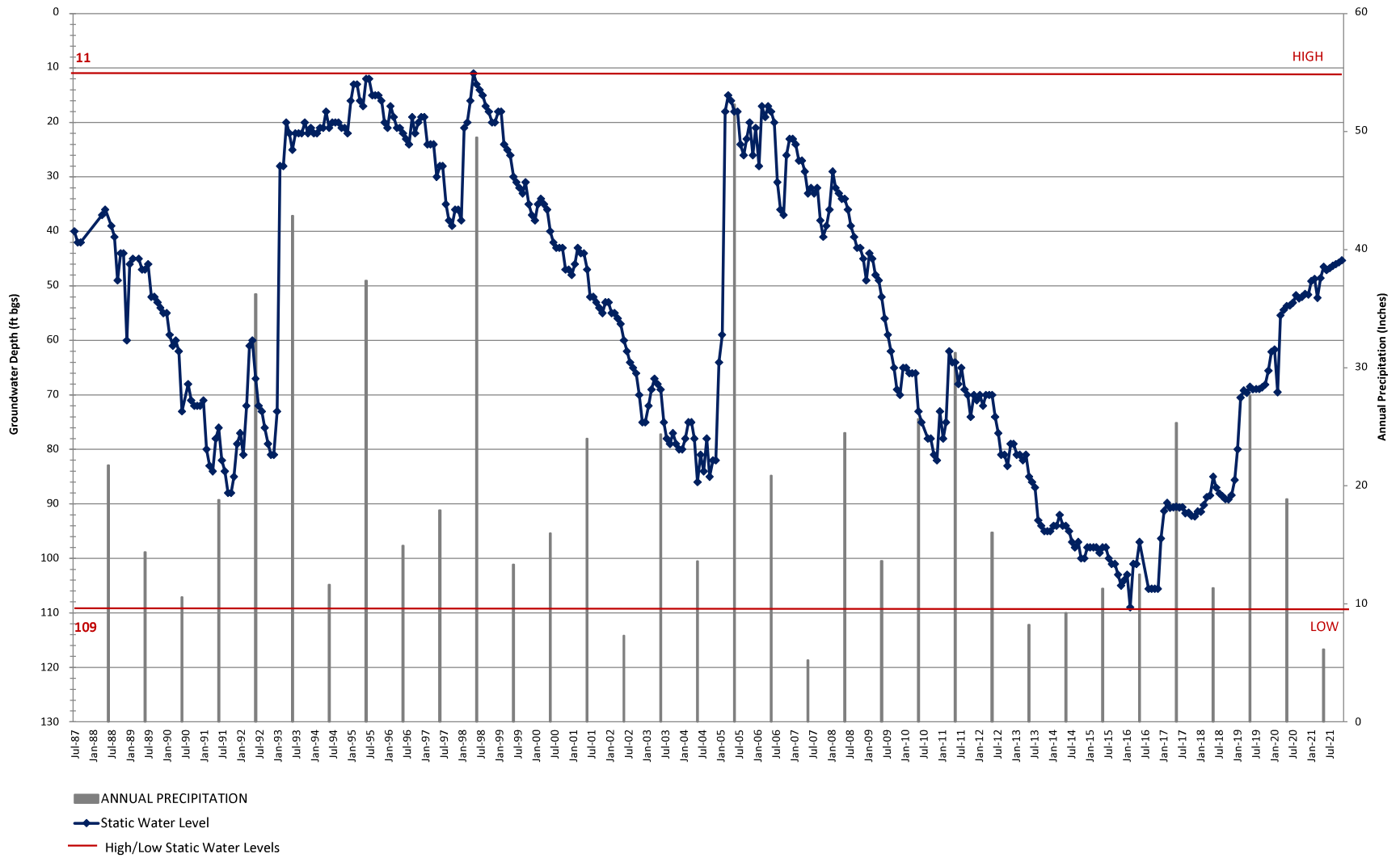
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STATIC WATER LEVEL VS PRECIPITATION



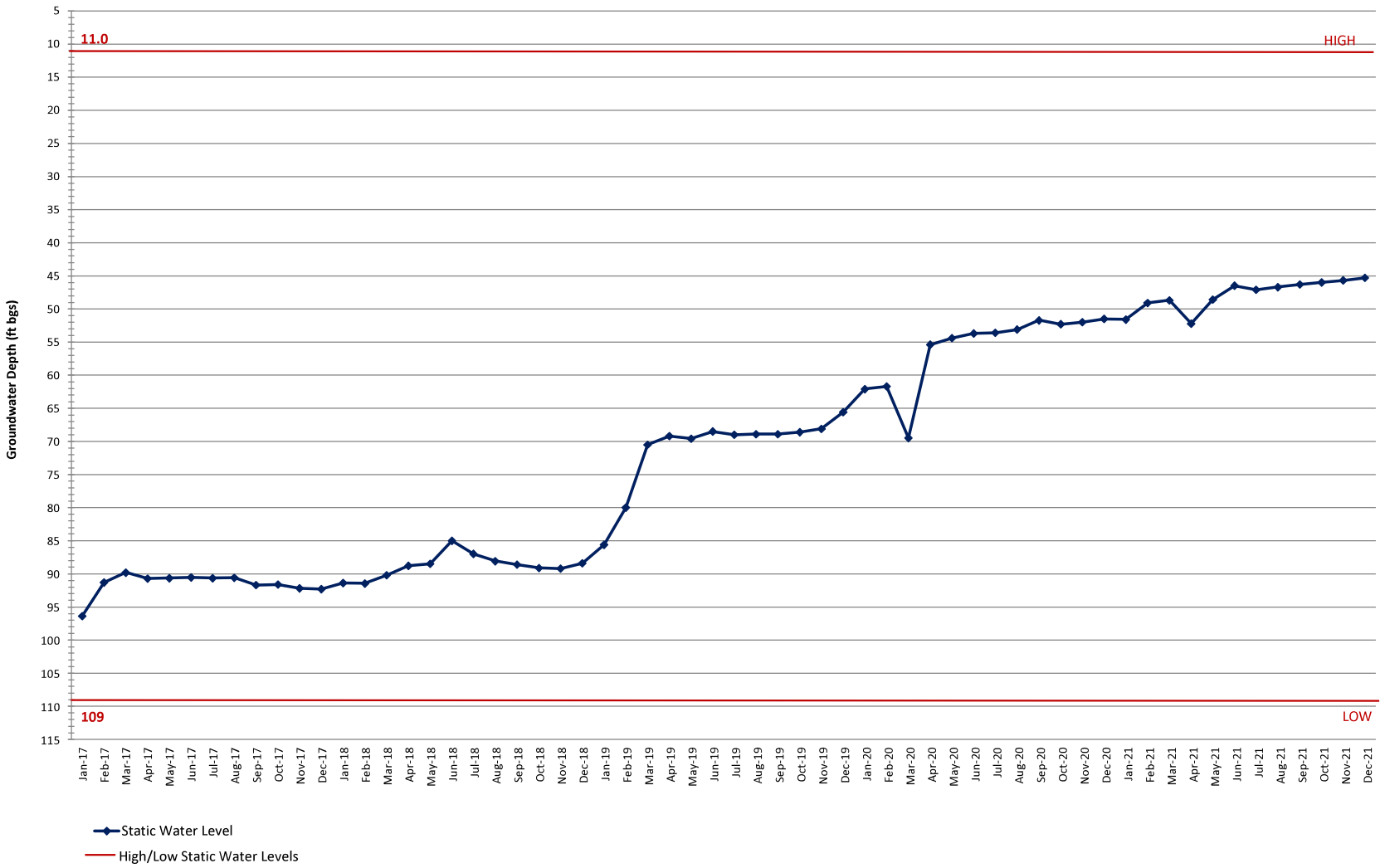
SCV WATER WELL VALLEY CENTER
 STATIC WATER LEVEL



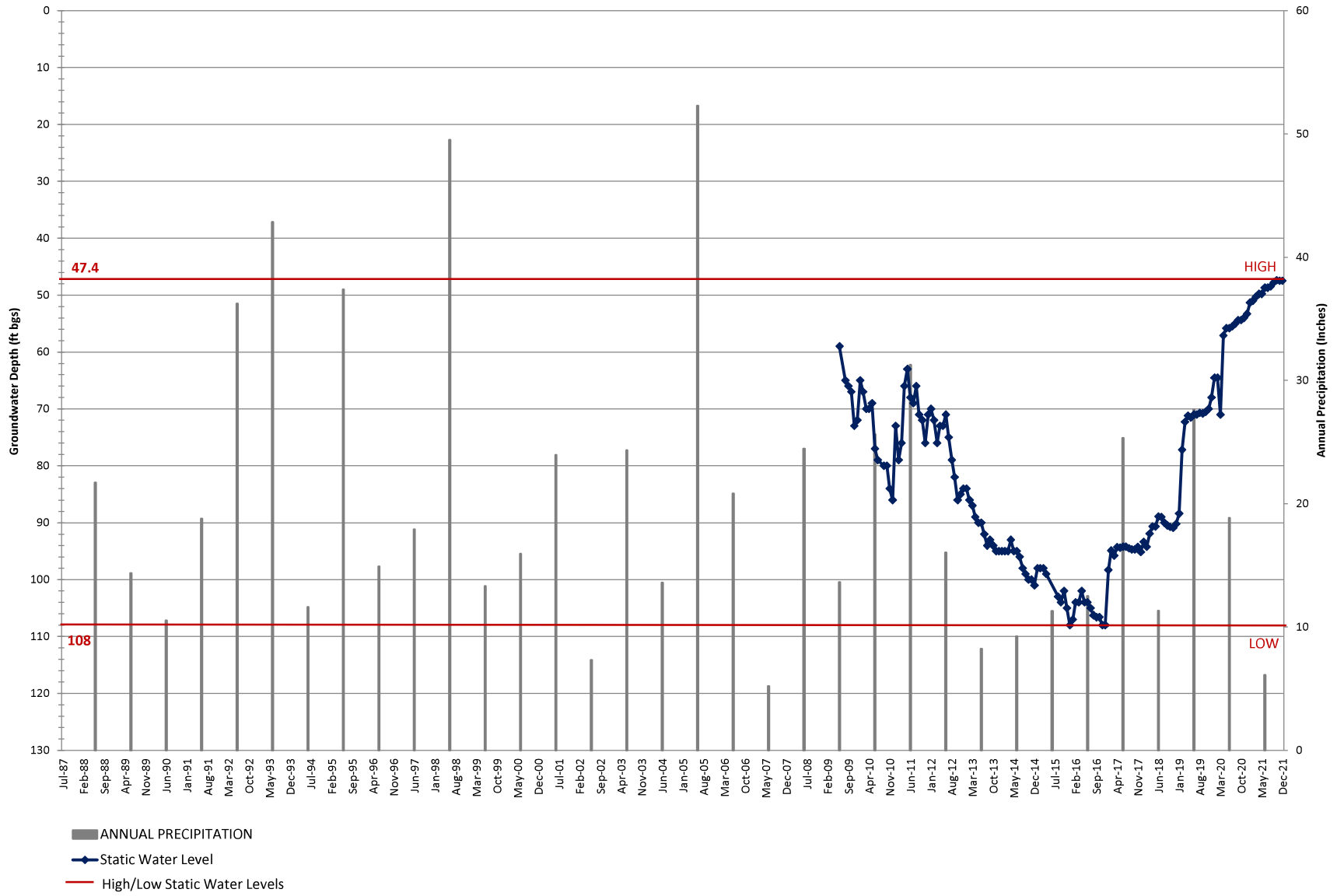
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 STATIC WATER LEVEL VS PRECIPITATION



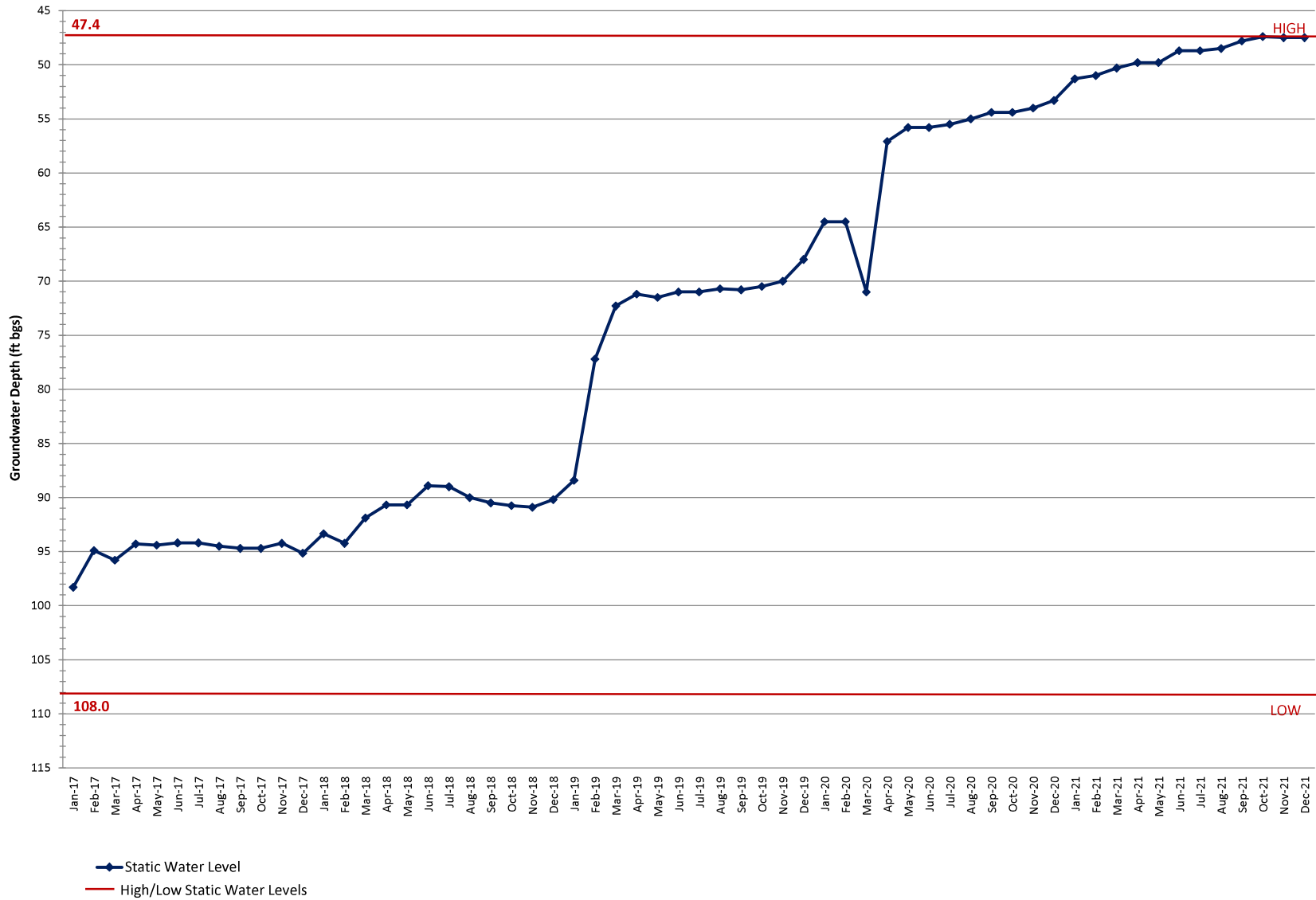
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 STATIC WATER LEVEL



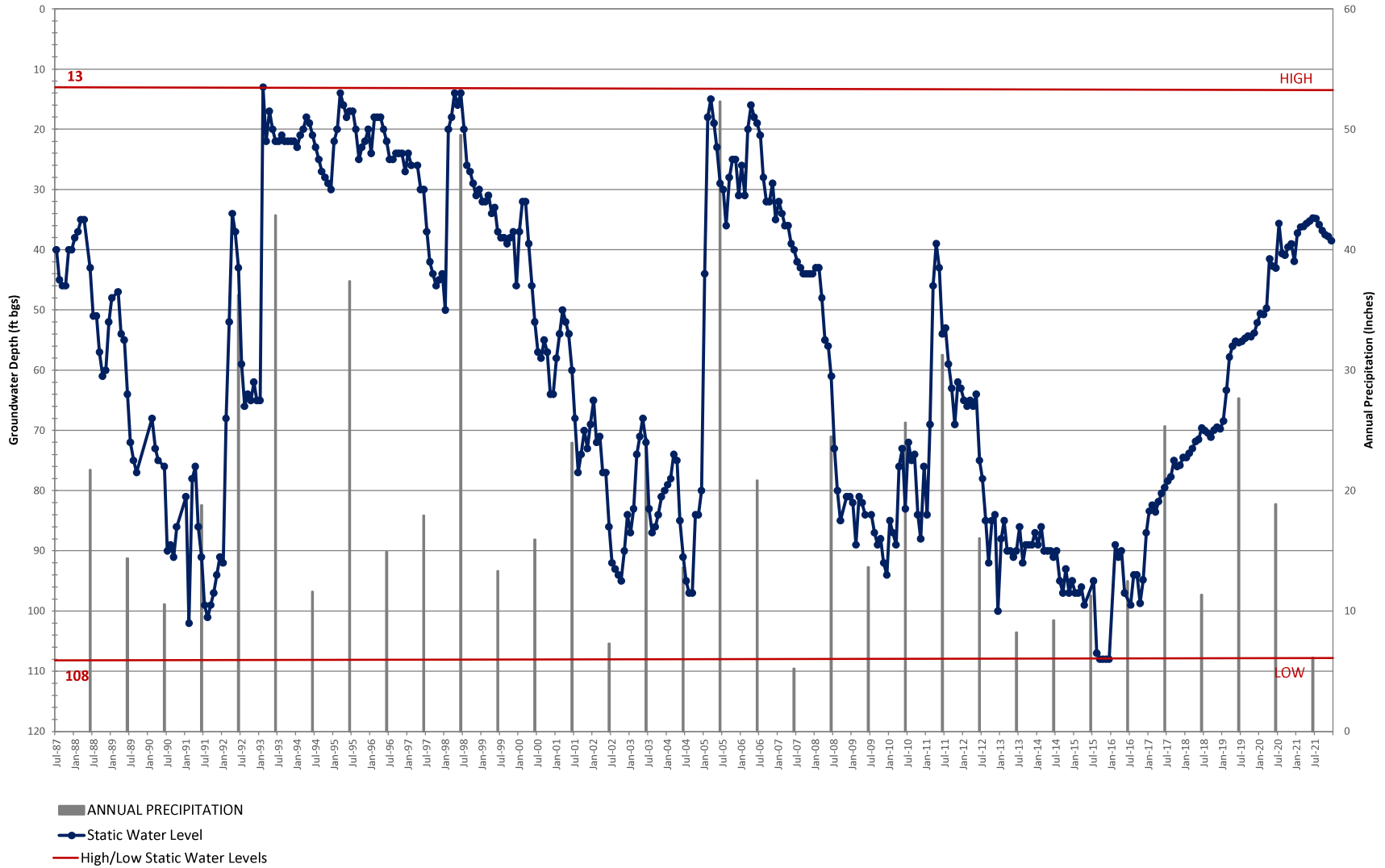
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 STATIC WATER LEVEL VS PRECIPITATION



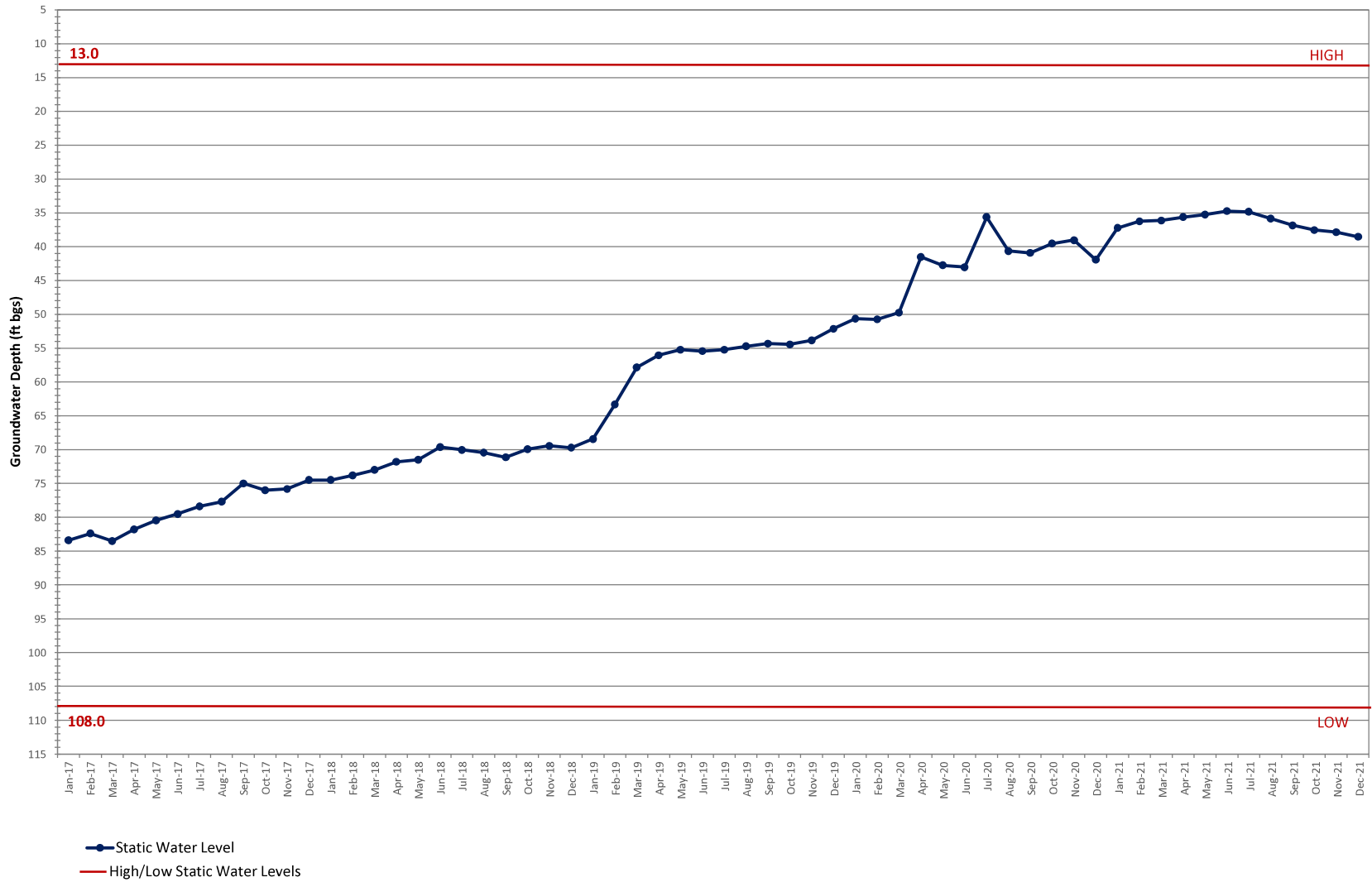
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 STATIC WATER LEVEL



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



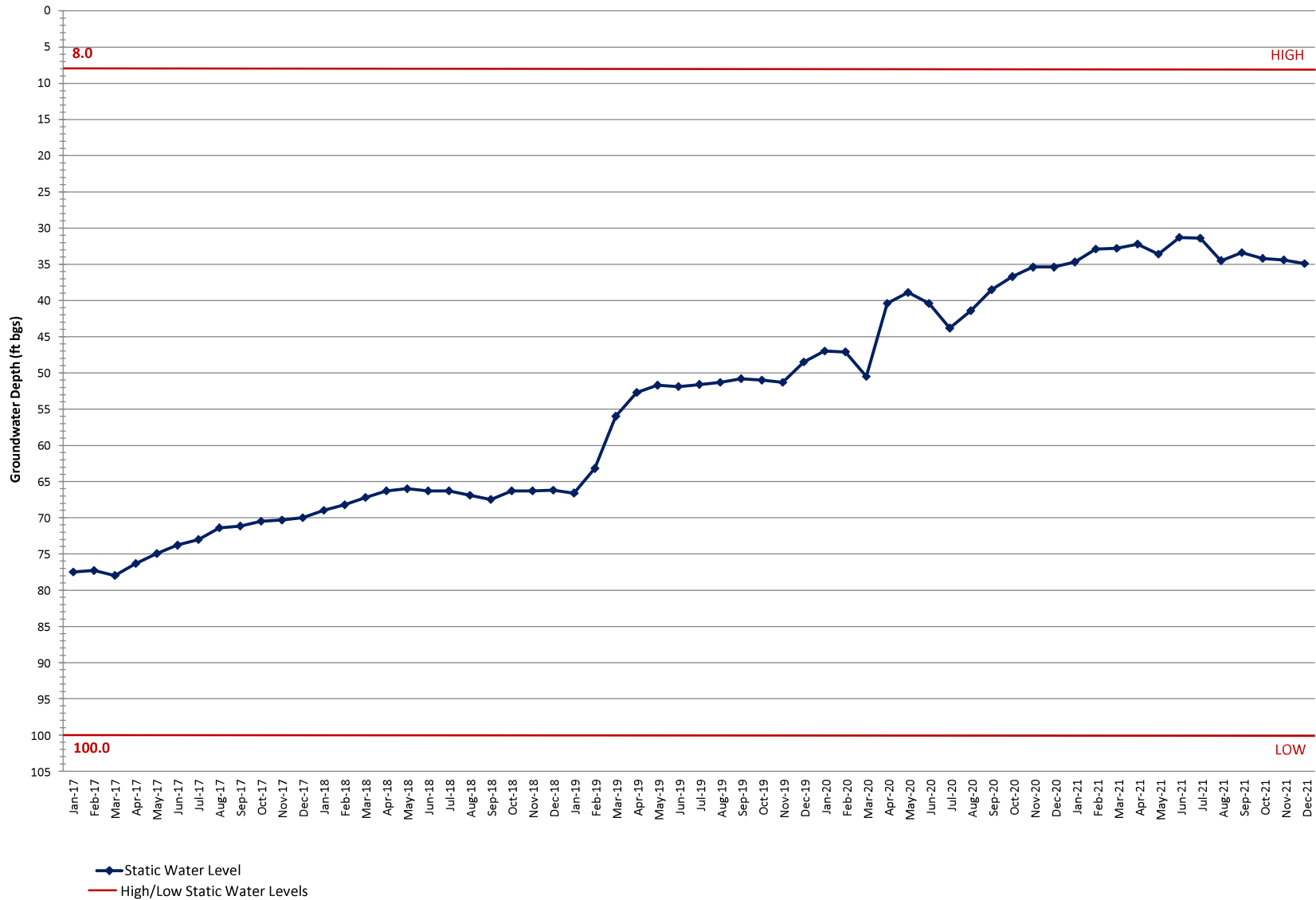
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STATIC WATER LEVEL



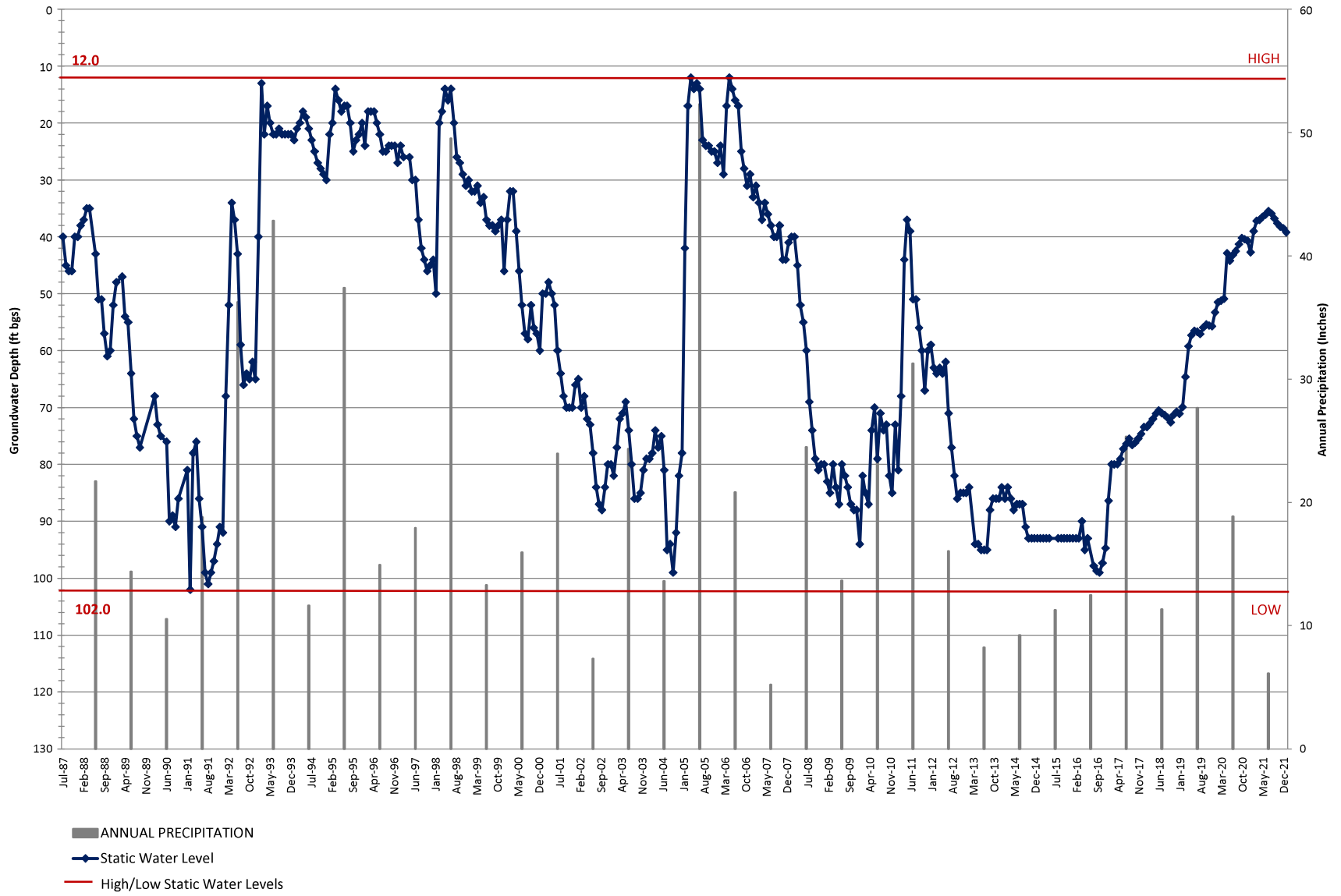
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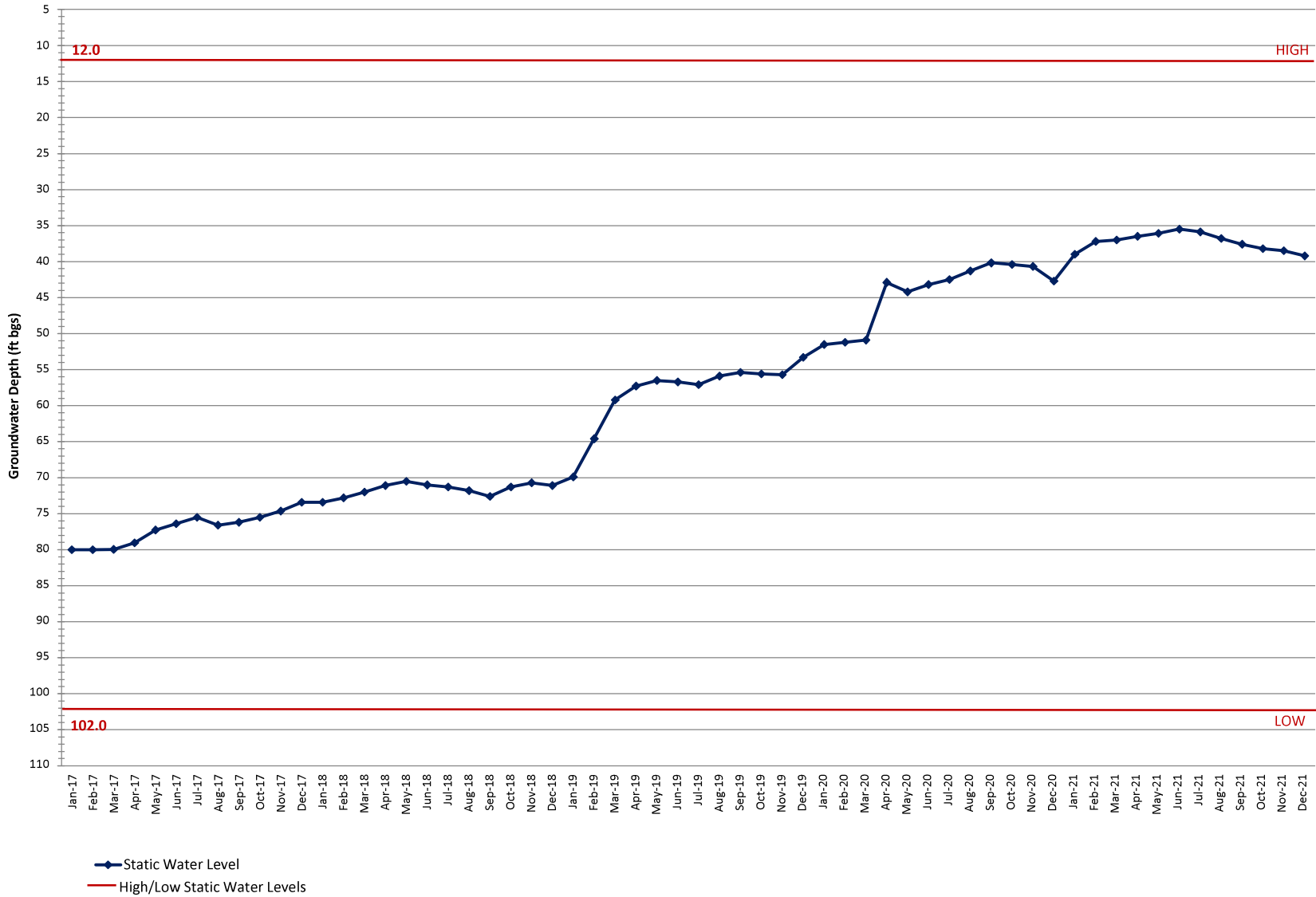
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 STATIC WATER LEVEL



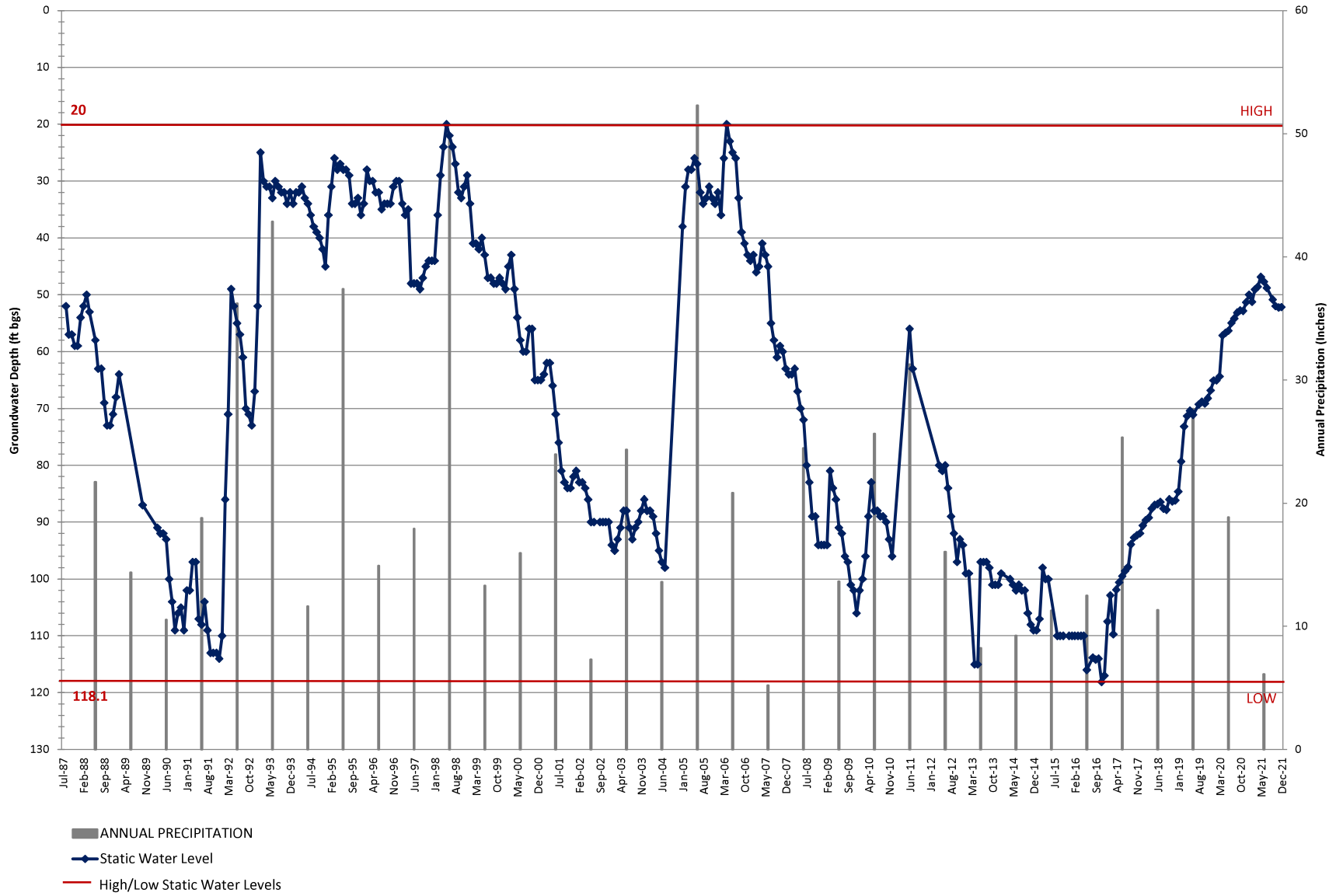
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 STATIC WATER LEVEL VS PRECIPITATION



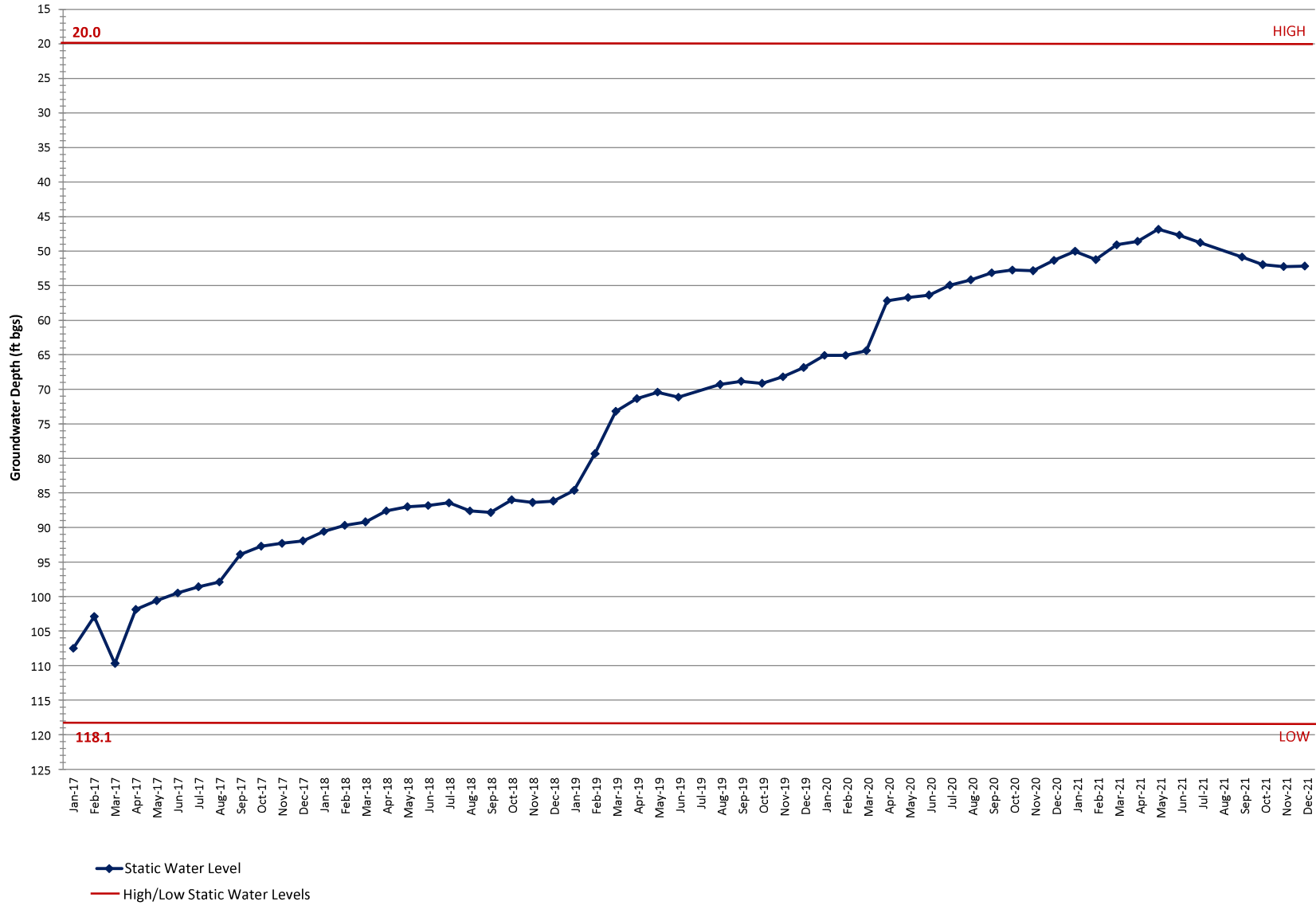
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 STATIC WATER LEVEL



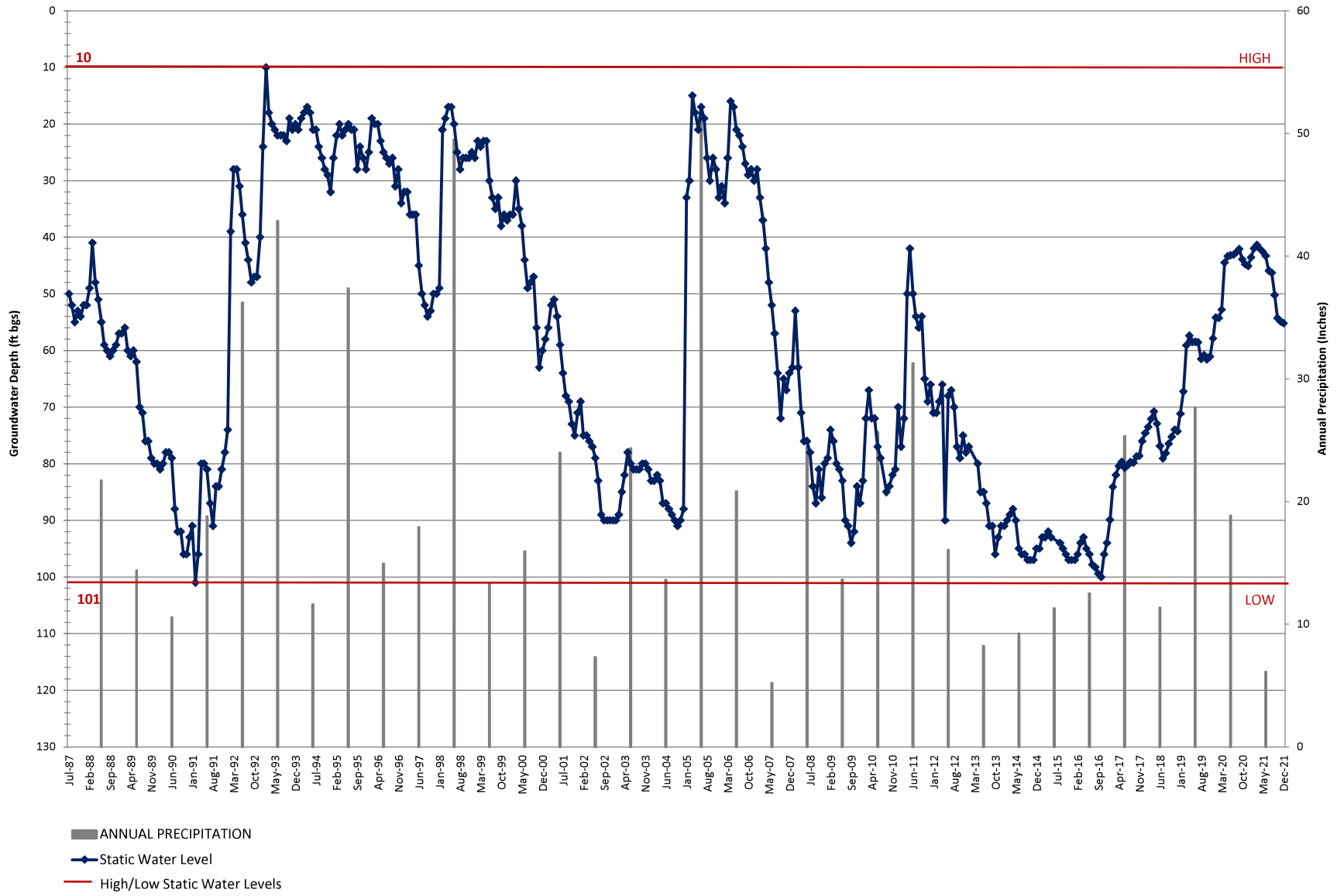
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 STATIC WATER LEVEL VS PRECIPITATION



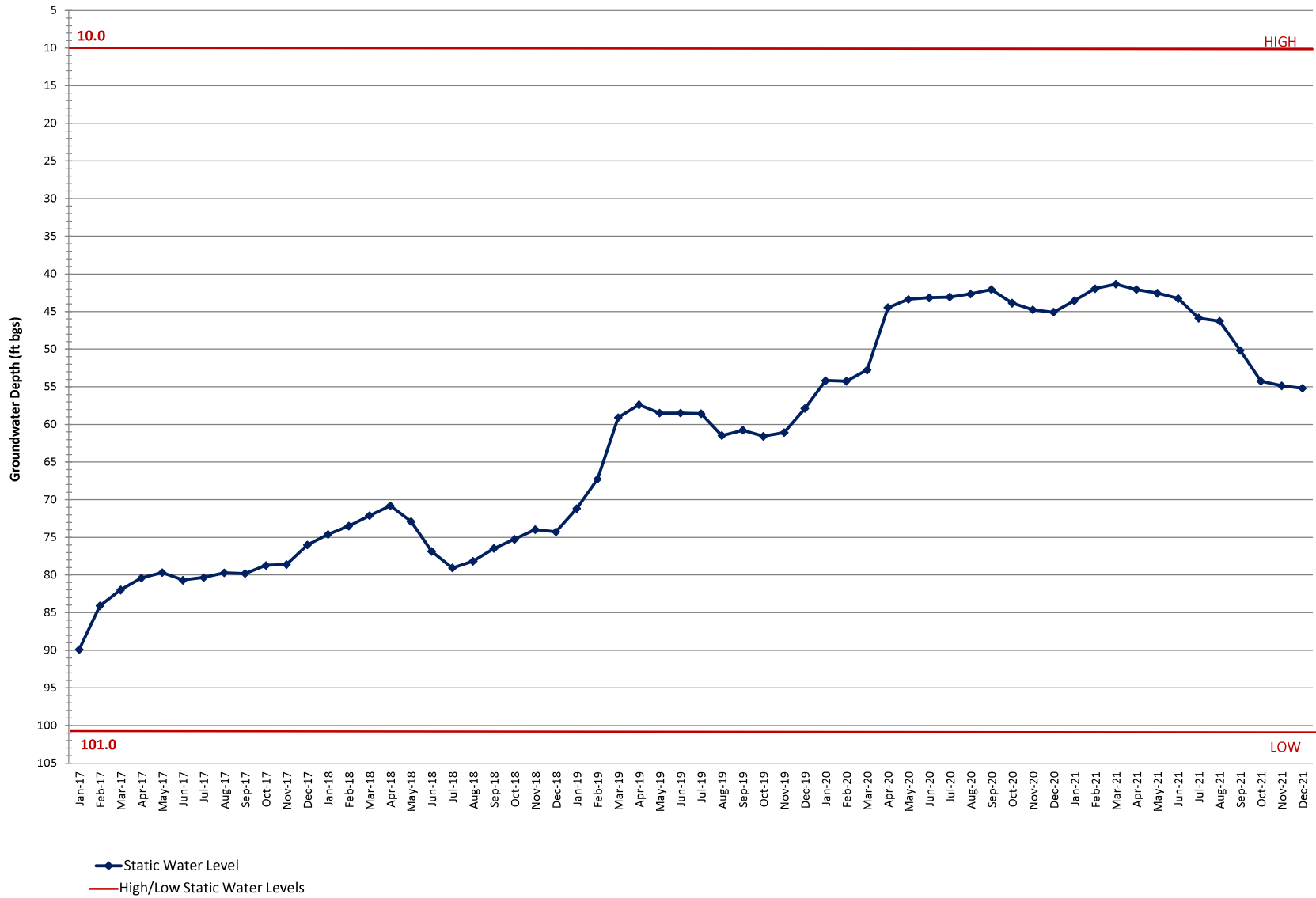
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STATIC WATER LEVEL



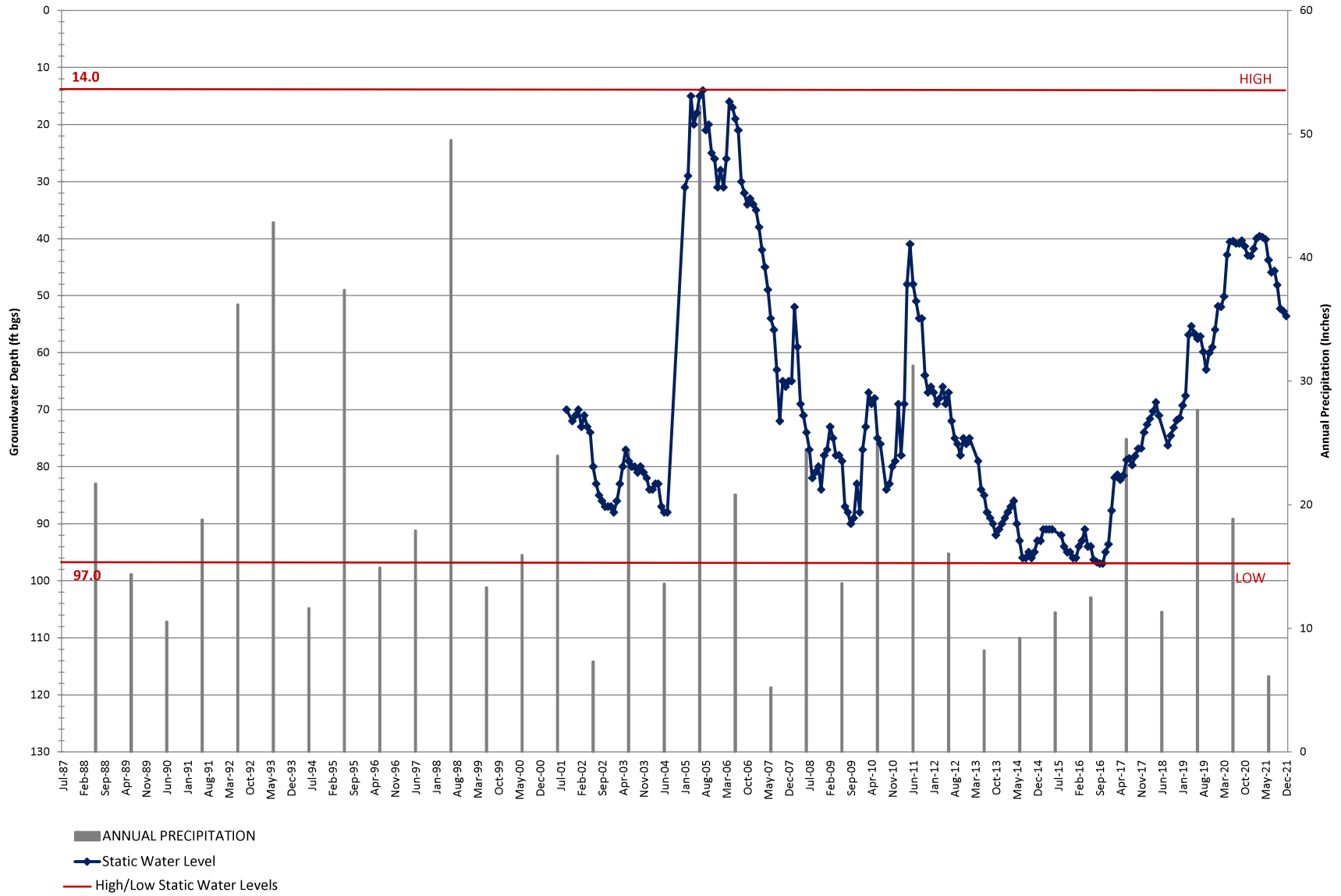
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 STATIC WATER LEVEL VS PRECIPITATION



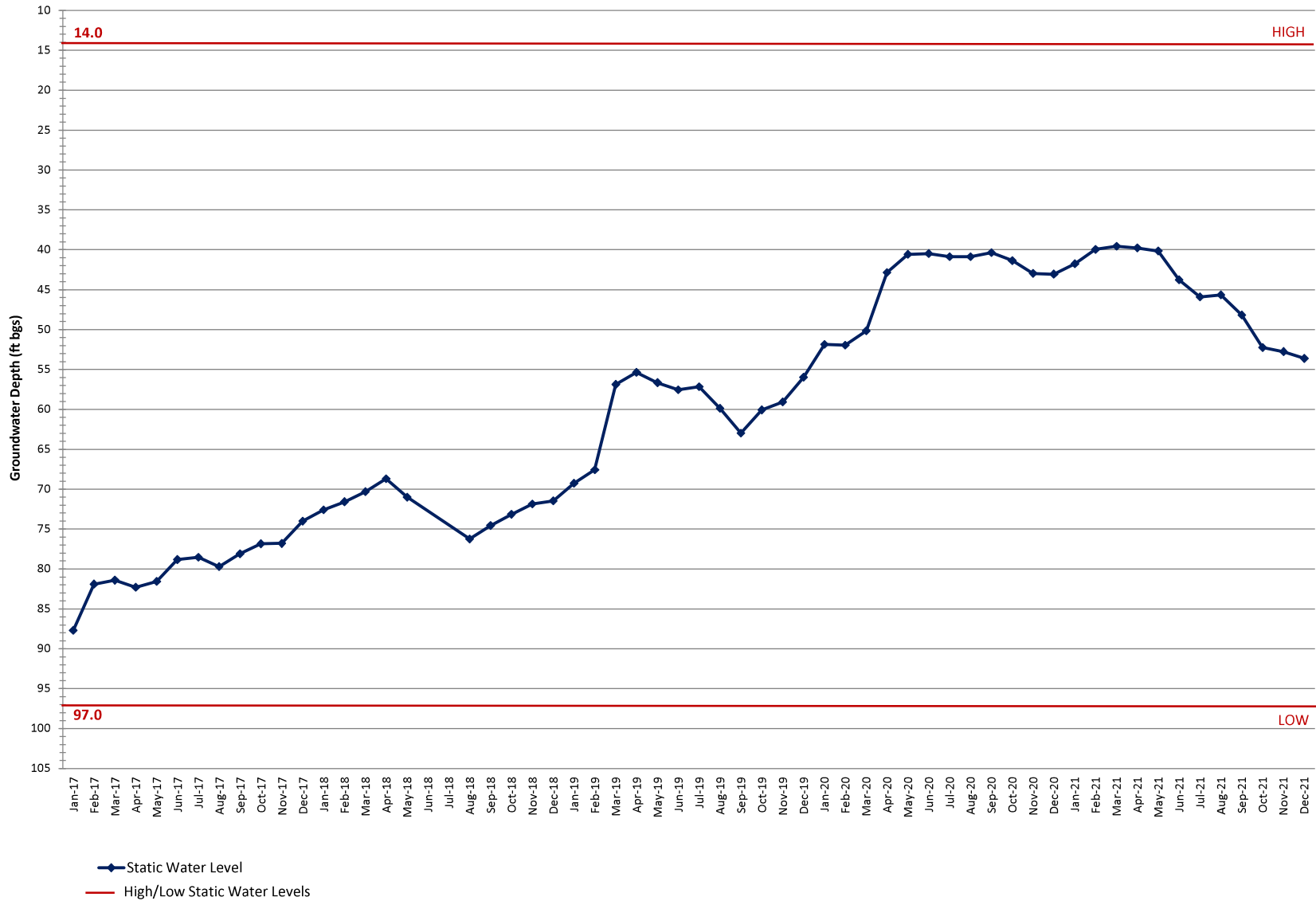
SCV WATER WELL MITCHELL #5A
 STATIC WATER LEVEL



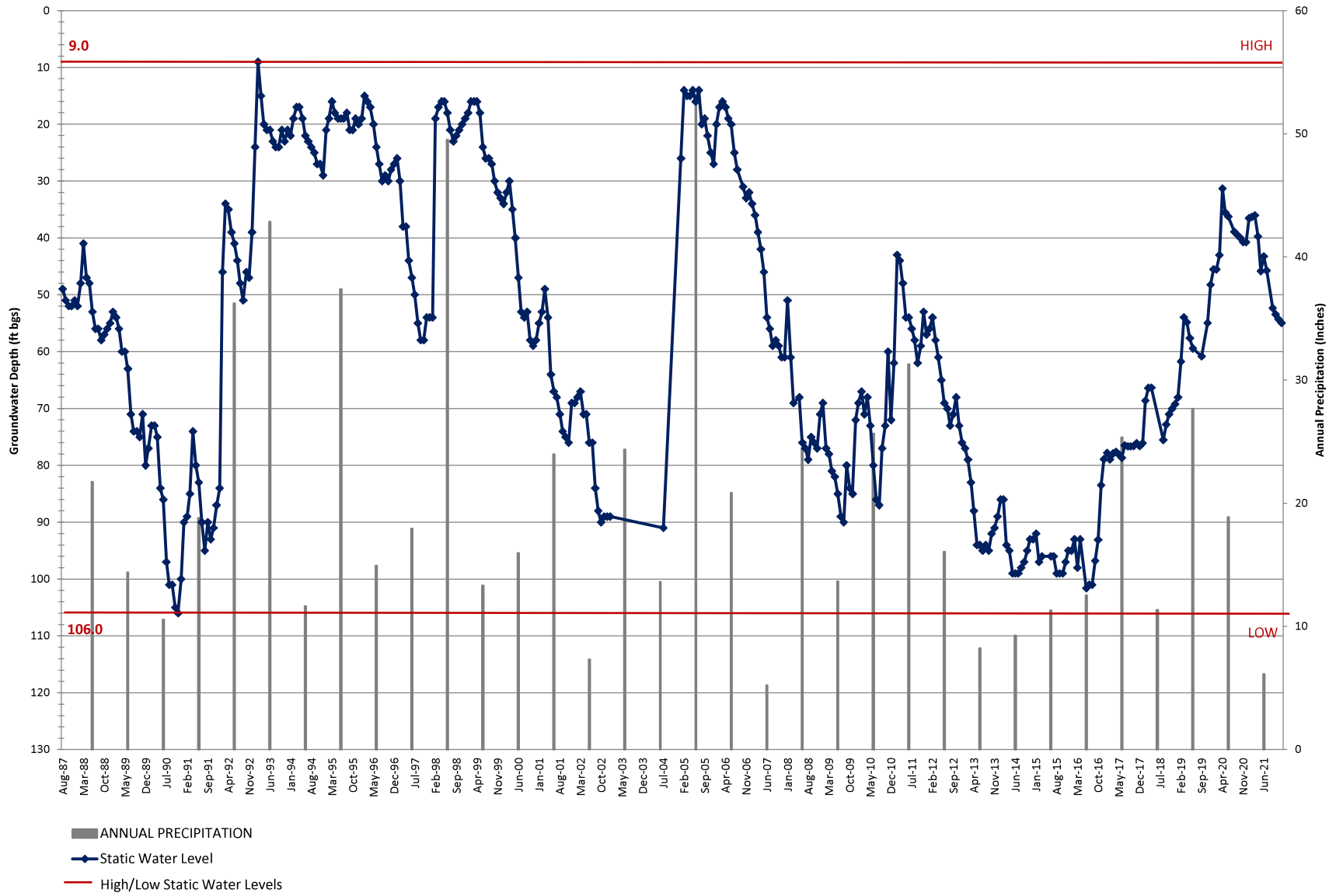
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 STATIC WATER LEVEL VS PRECIPITATION



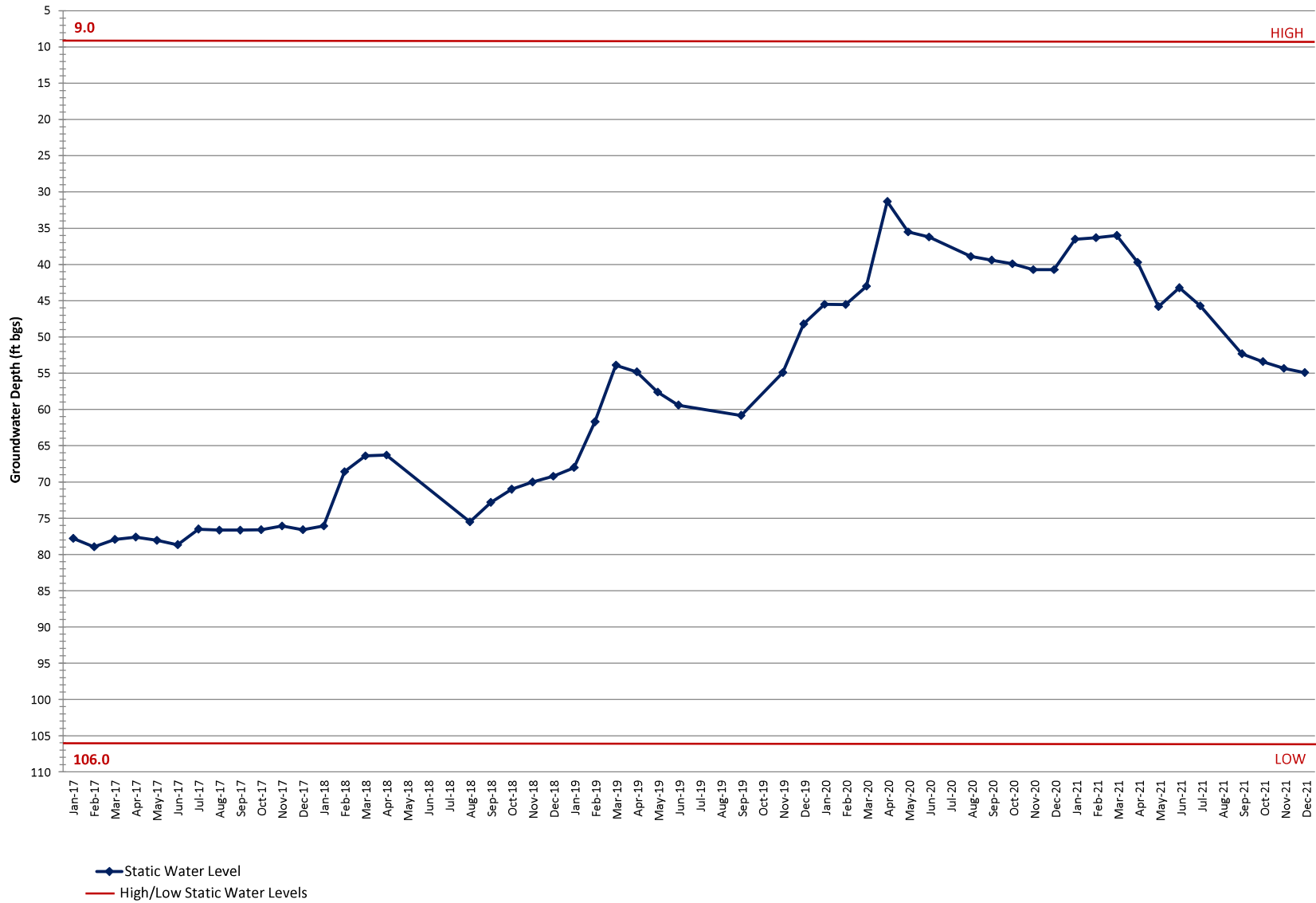
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 STATIC WATER LEVEL



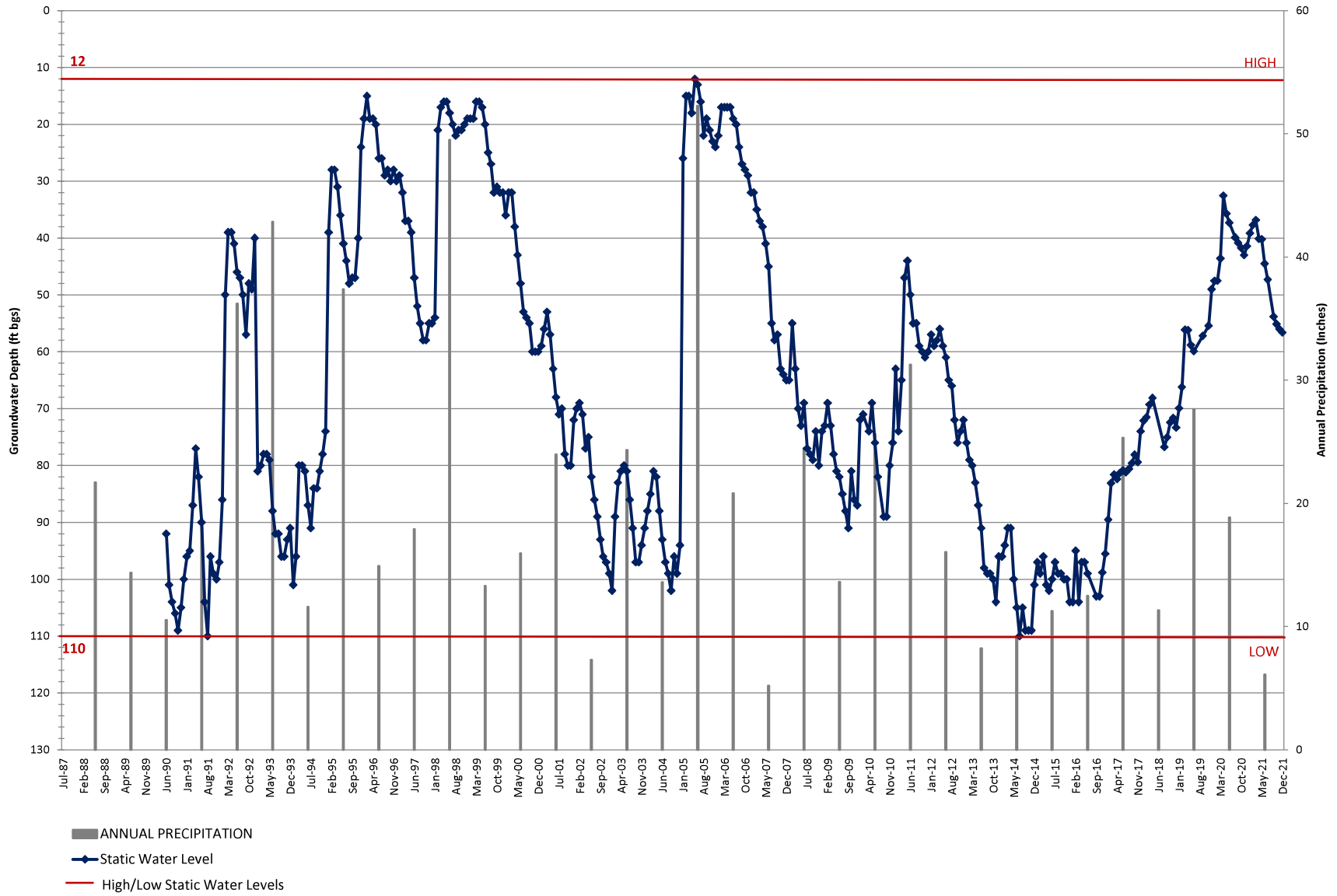
SCV WATER WELL SAND CANYON #3
 STATIC WATER LEVEL VS PRECIPITATION



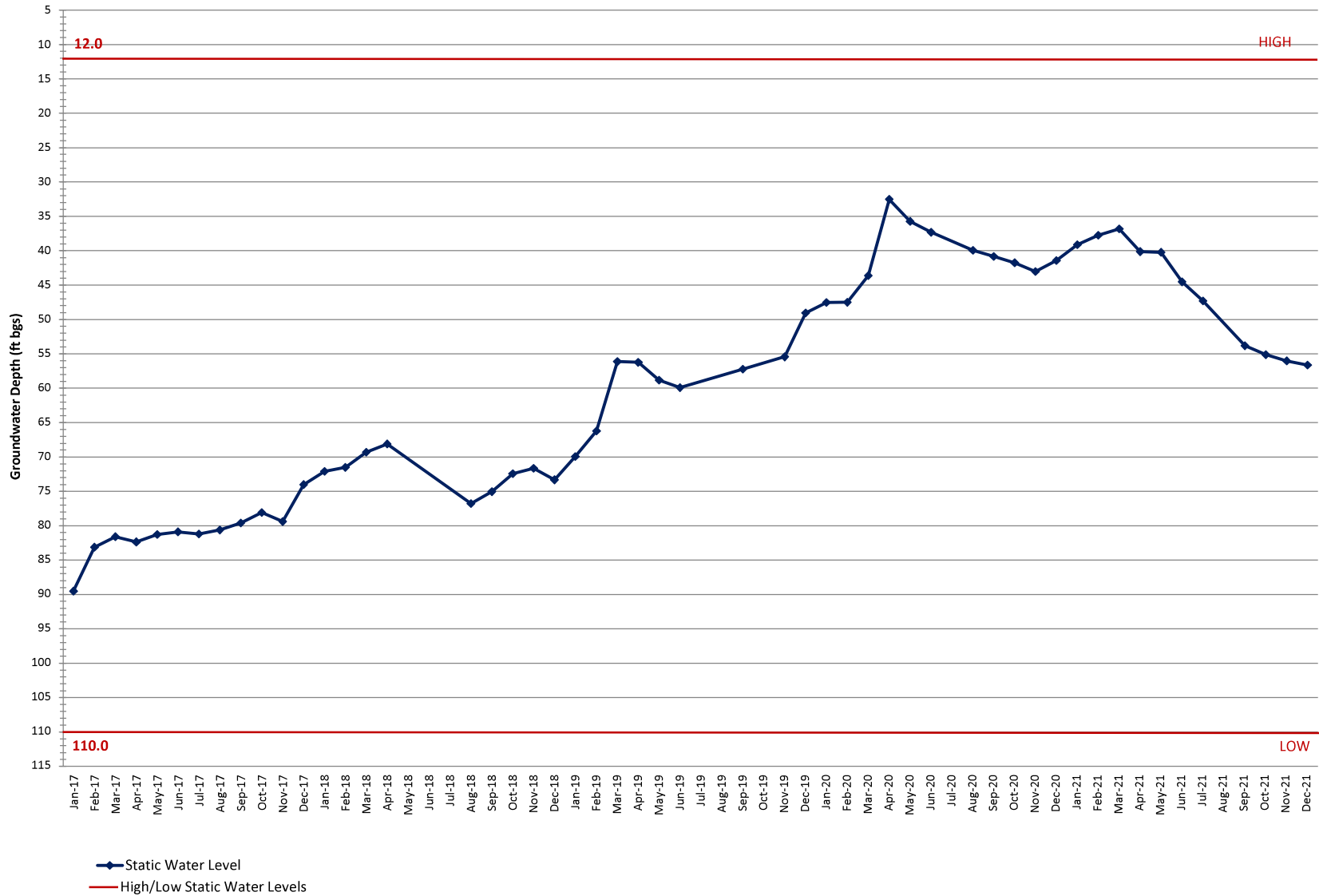
SCV WATER WELL SAND CANYON #3
STATIC WATER LEVEL



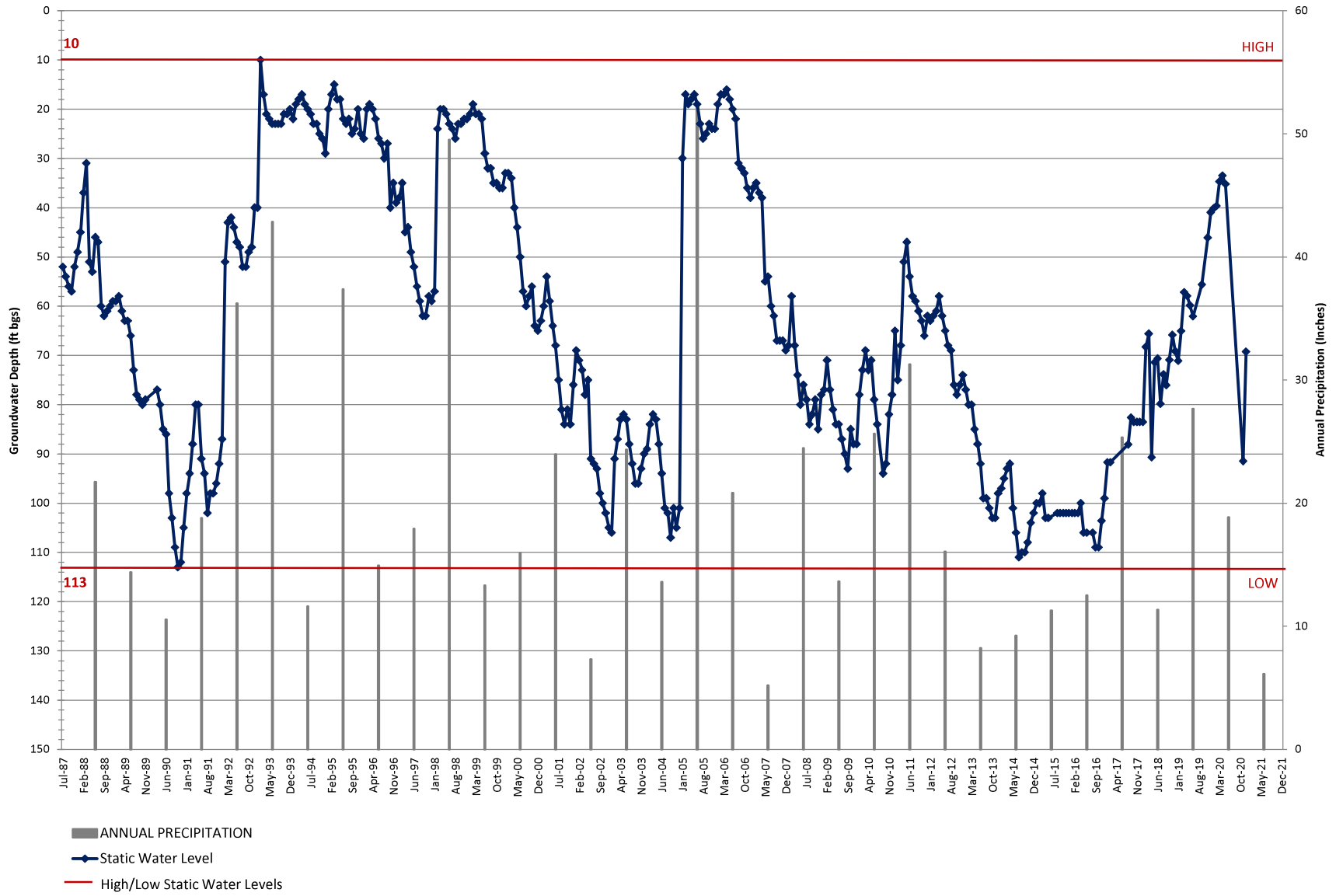
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 STATIC WATER LEVEL VS PRECIPITATION



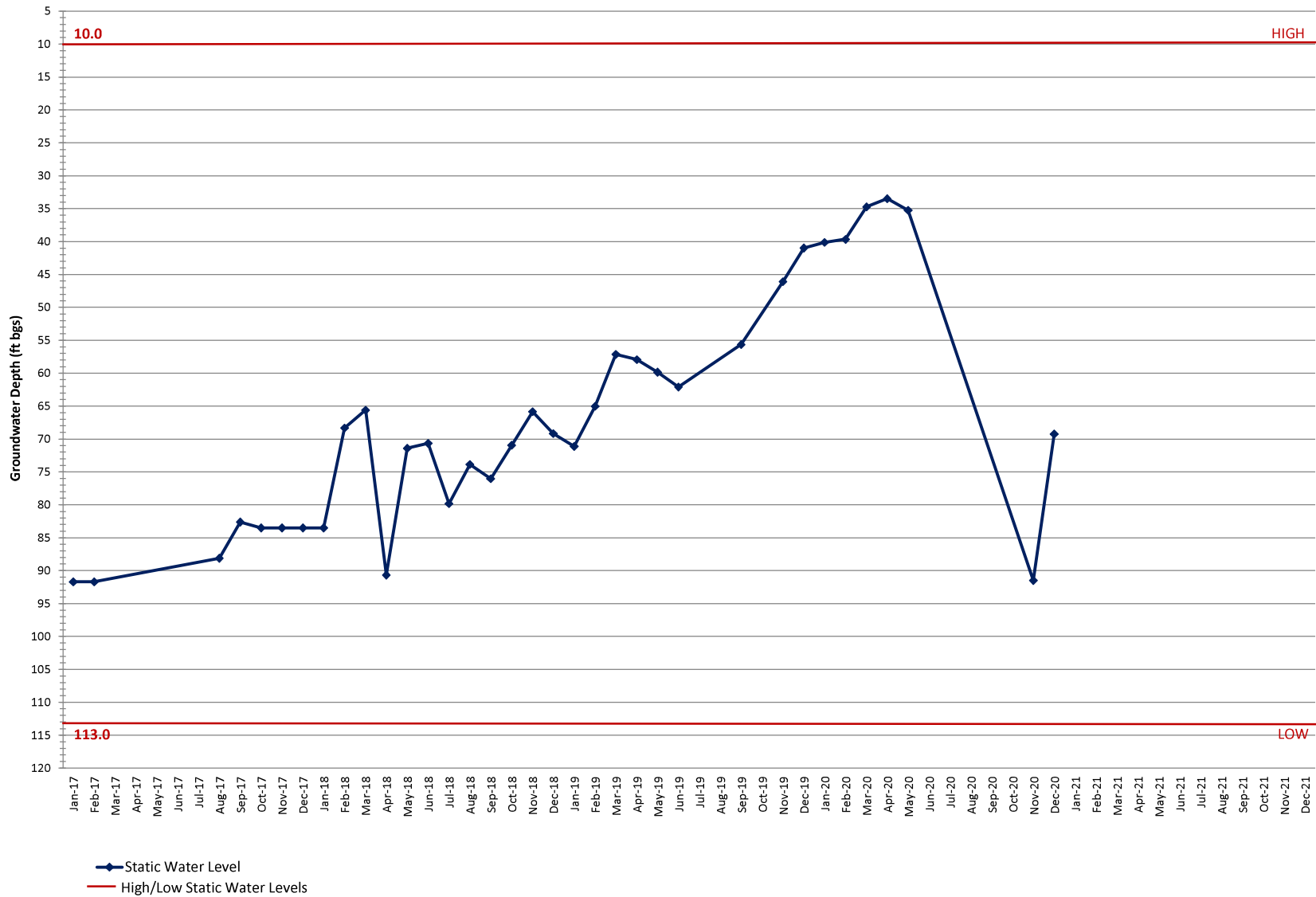
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 STATIC WATER LEVEL



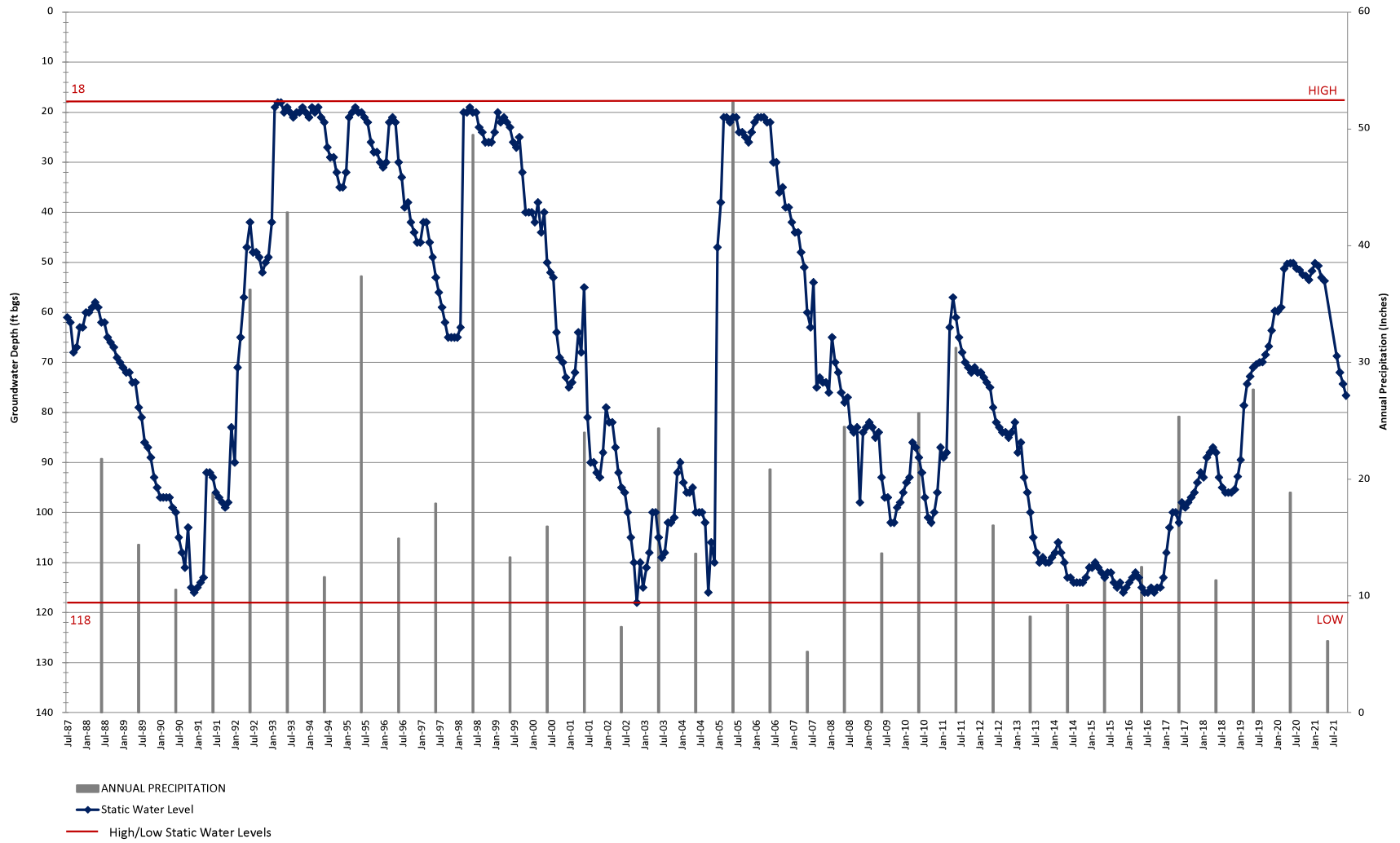
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 STATIC WATER LEVEL VS PRECIPITATION



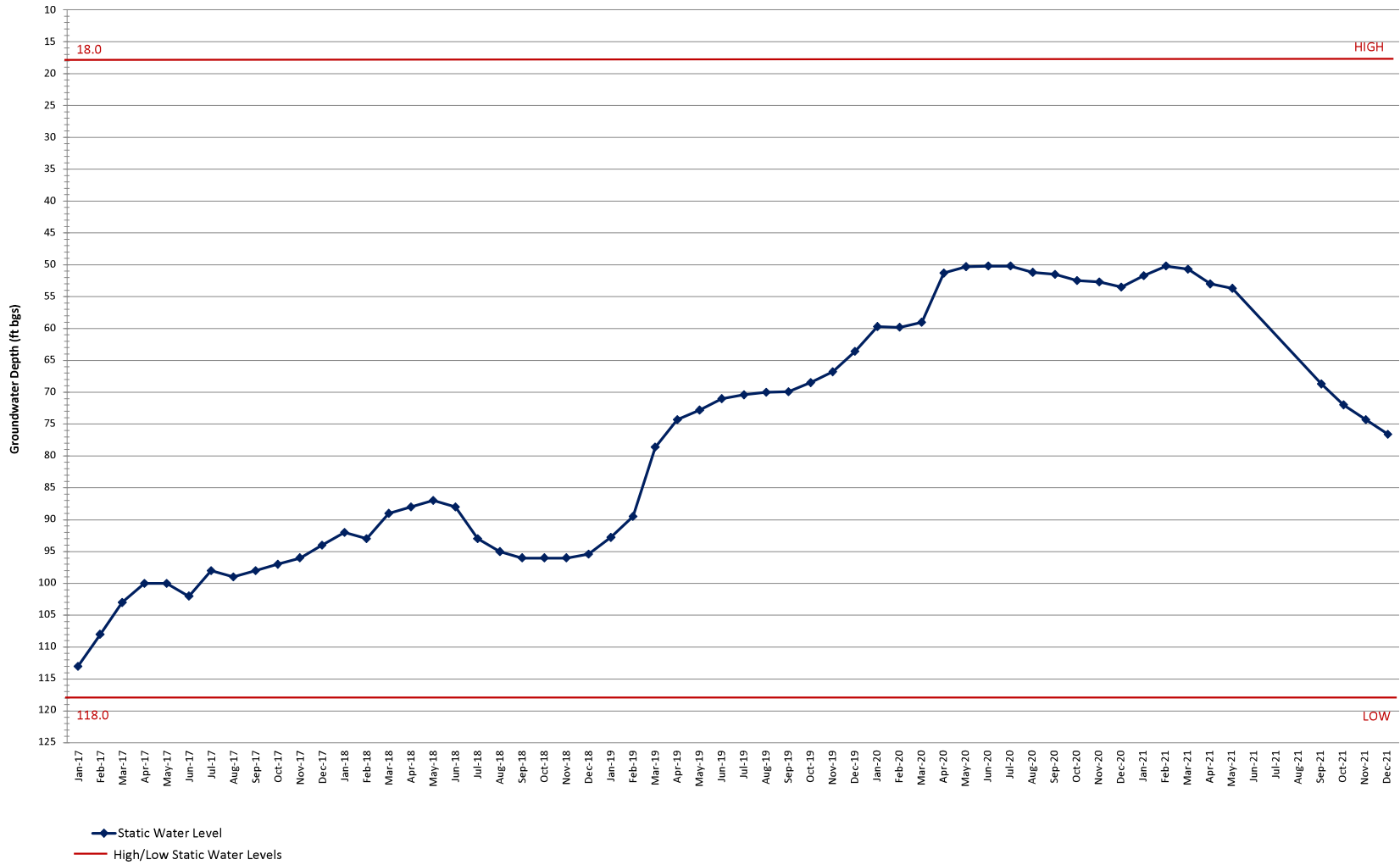
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STATIC WATER LEVEL



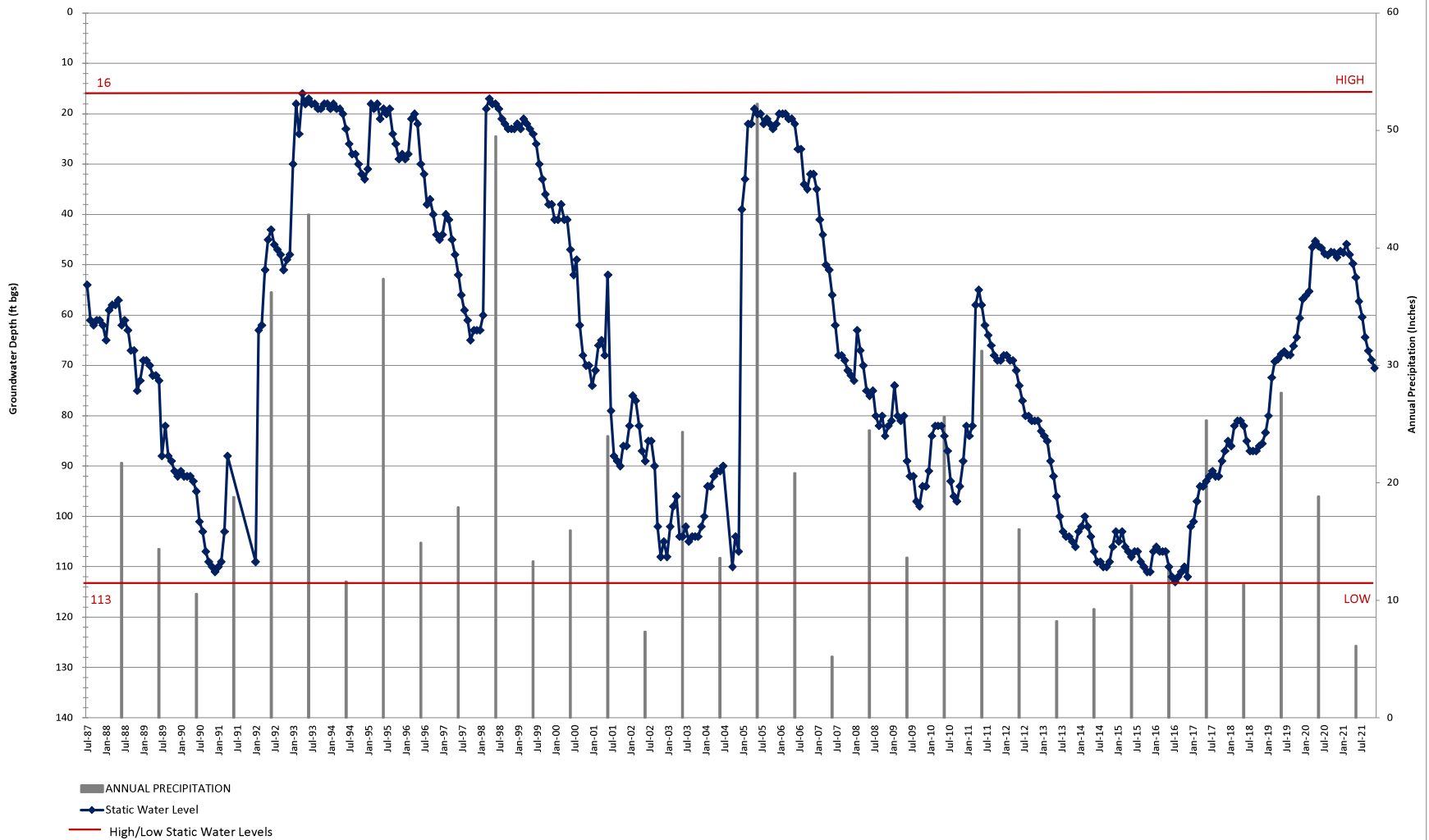
SCV WATER WELL P3
 STATIC WATER LEVEL VS PRECIPITATION



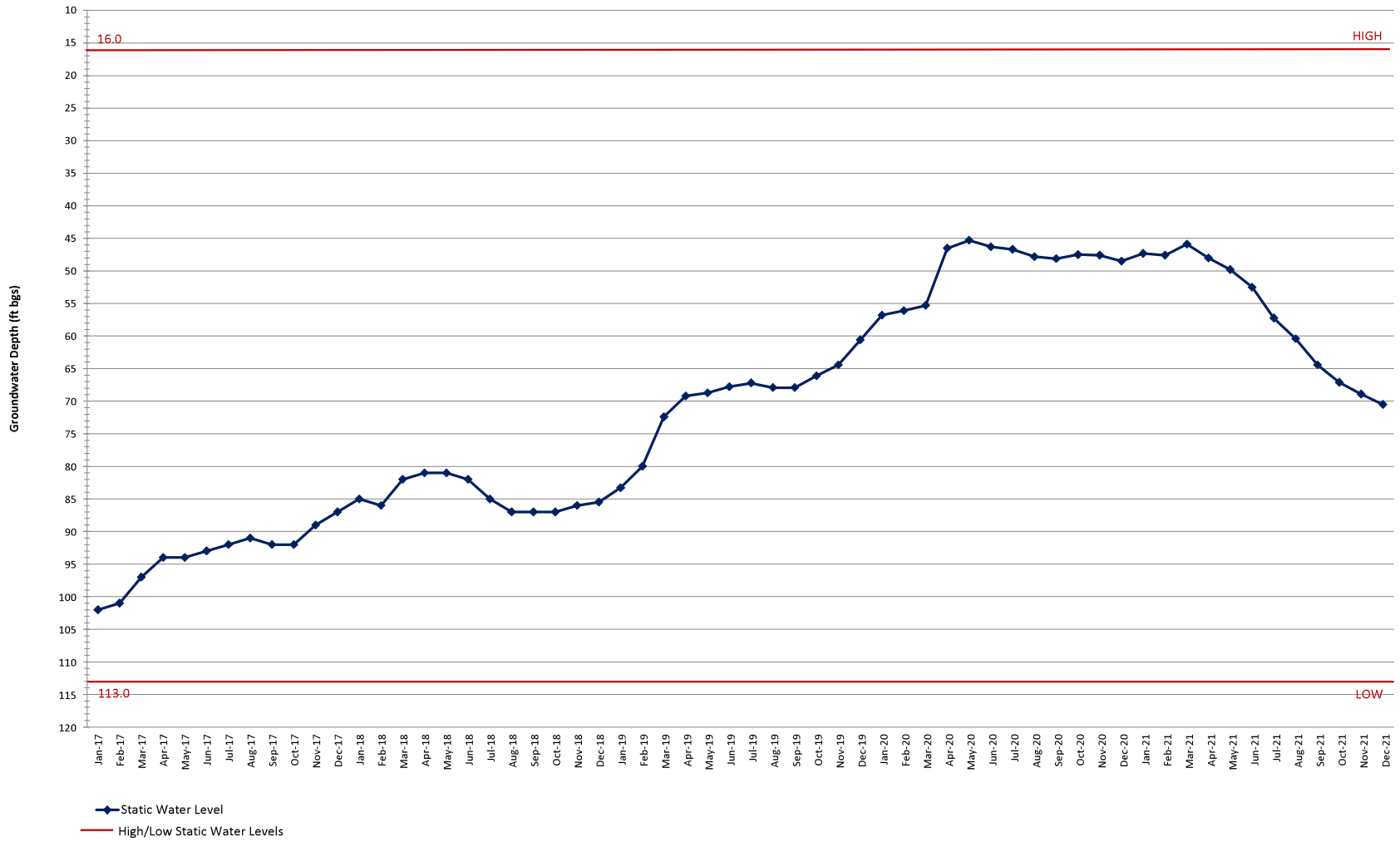
SCV WATER WELL P3
 STATIC WATER LEVEL



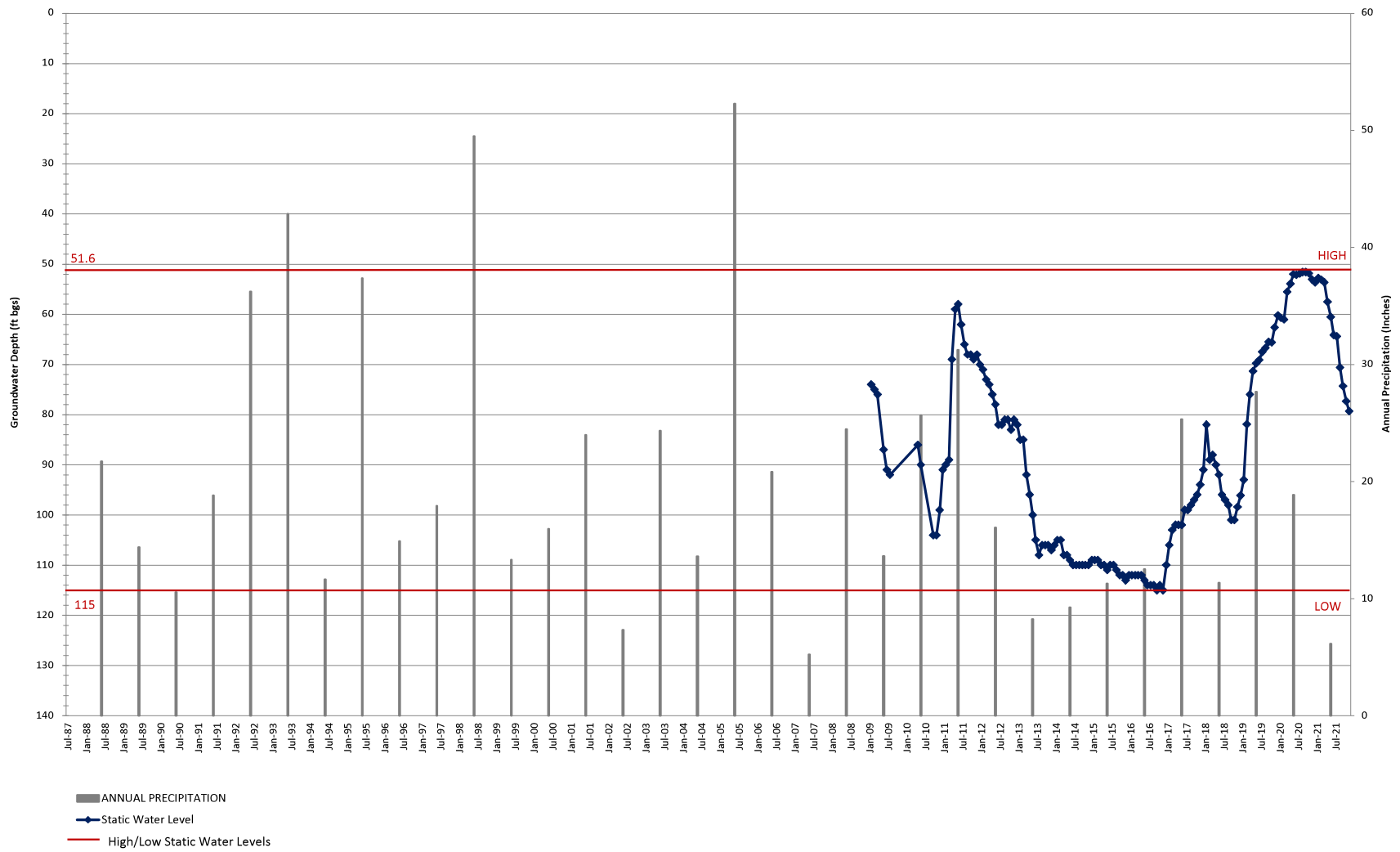
SCV WATER WELL P4
 STATIC WATER LEVEL VS PRECIPITATION



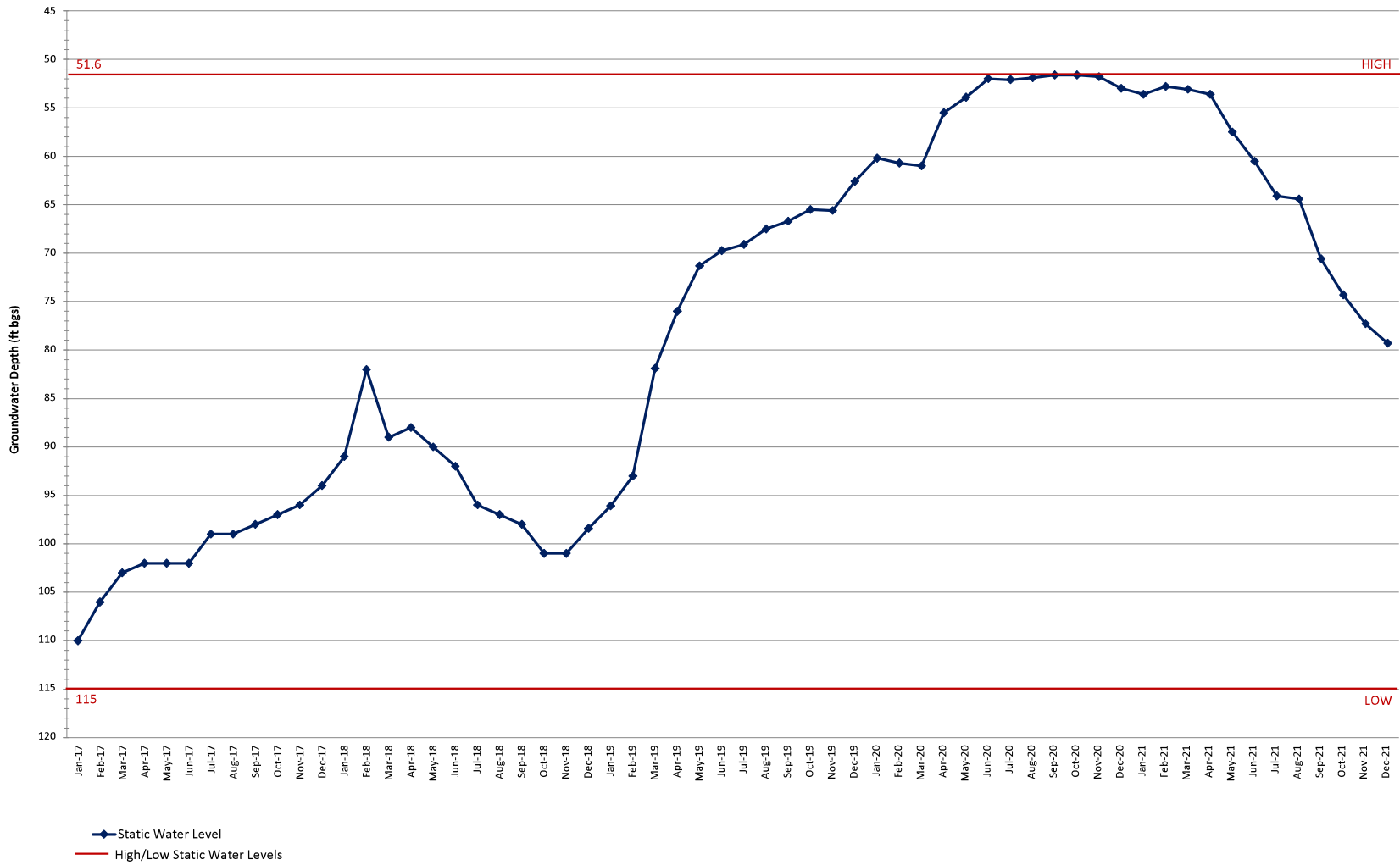
SCV WATER WELL P4
 STATIC WATER LEVEL



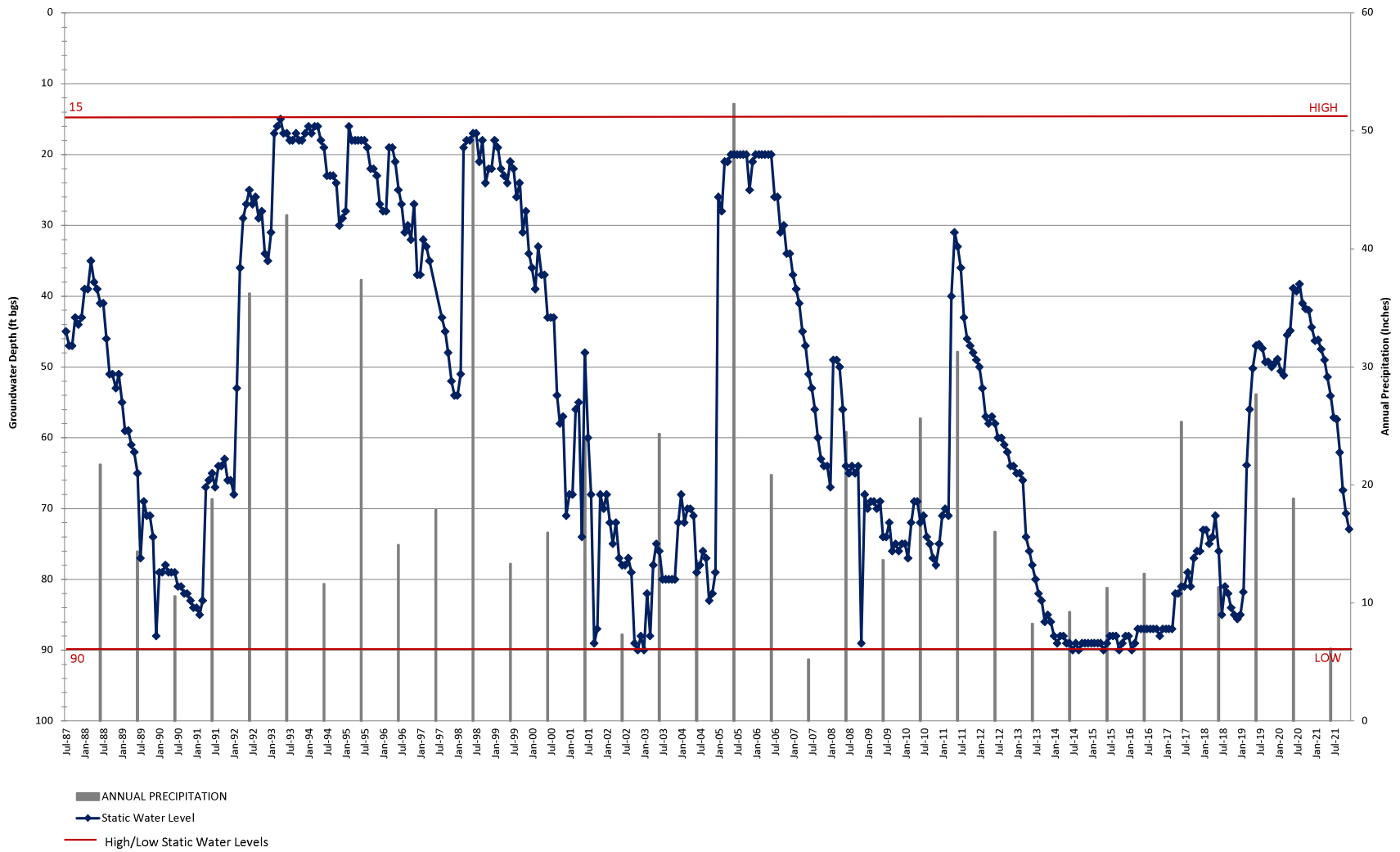
SCV WATER WELL P5
STATIC WATER LEVEL VS PRECIPITATION



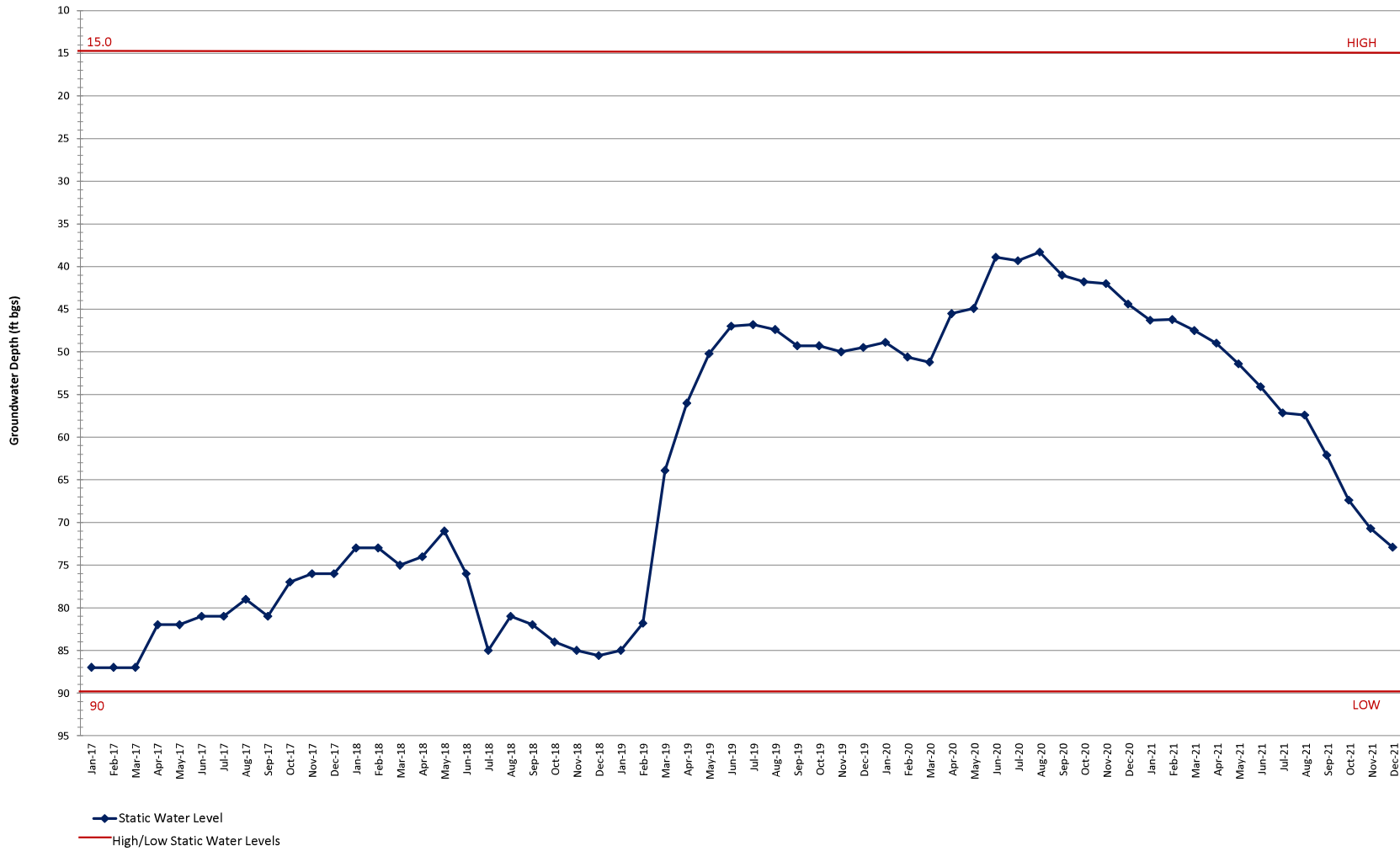
SCV WATER WELL P5
STATIC WATER LEVEL



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 January 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	March 1, 2022	40%	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	April 1, 2022	85%	Pipelines in roadways are complete. Contractor to install pipeline across Lost Canyon Bridge in February 2022.
Vista Canyon (Phase 2B) Recycled Water Tanks	Pacific Tank and Construction, Inc.	\$3,906,870	\$363,316.95	9.08%	\$4,270,186.95	April 1, 2022	55%	Construction is in progress. Steel plate welding in progress
Commerce Center Drive Pipeline	FivePoint / Blois Construction, Inc.	\$891,139.70	\$0	0%	\$891,139.70	May 1, 2022	99%	Construction is in progress.
Magic Mountain Pipeline Phase 4	FivePoint / Toro Enterprises	\$3,084,725	\$283,368.07	9.19%	\$3,368,093.07	May 1, 2022	90%	Construction is in progress.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	May 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 1, 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 1, 2022	70%	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 1, 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 1, 2022	40%	Construction is in progress.
Santa Clara & Honby Wells PFAS Groundwater Treatment Improvements Material Purchase	Aqueous Vets	\$814,050	\$0	0%	\$814,050	TBD	2%	Contract, Bonds, and Insurance documents are being processed.

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of January 15, 2022**

**ITEM NO.
10**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Active Agreements:						
15626-1/2 Warm Springs Drive	Rebecca Rowe	Construction	Workman Design and Construction, Inc.	\$25,000	\$5,000	Pending submittal approval.
16370 Lost Canyon Road	Jose Gonzalez	Construction	SCV Water	\$15,000	\$5,559	Construction completed.
20745 Santa Clara Rd. - Rent A Bin	Knight Building Systems	Construction	Knight Building Systems, Inc.	\$45,000	\$4,500	Pending punch list.
22004 Placerita Canyon Road	Intertex	Design	SCV Water	\$6,000	\$2,000	Construction completed.
23876 Wildwood Canyon Road	Kendall Pond	Construction	Mesa Engineering	\$15,800	\$5,000	Third Party Agreement in progress.
24217 Main Street	Robert Younkin	Construction	TBD	\$52,100	\$10,000	Pending submittal approval.
27510 The Old Road	In-N-Out Burger	Construction	TBD	TBD	TBD	Third Party Agreement in progress.
29025 Avenue Paine	Rexford Industrial Realty, LP	Construction	BCC Contracting	\$17,100	\$6,000	Construction is completed.
29156 Lotusgarden Drive	Sulphur Springs School District	Construction	TBD	\$30,000	\$6,000	Third Party Agreement in progress.
Aidlin Tract 52796 – Pipeline	Lennar Homes	Planning	Jensen (Planning)	TBD	\$65,000	Project restarted by Developer. Revised Planning Study in progress.
Aidlin Tract 52796 – Pump Station	Lennar Homes	Planning	Jensen (Planning)	TBD	\$97,000	Project restarted by Developer. Revised Planning Study in progress.
Aidlin Tract 52796 – Tanks	Lennar Homes	Planning	Jensen (Planning)	TBD	\$156,000	Project restarted by Developer. Revised Planning Study in progress.
Alderbrook Ave/Cindy Lane	Norris Whitmore	Construction	Stylo Group	\$85,000	\$8,500	Pending punch list.
Blackhall Studios	Blackhall Studios	Planning	Civiltec	TBD	\$70,000	Preparing planning deposit.
Bouquet Canyon (Tract 82126)	Integral Partners Funding, LLC	Planning	Civiltec	TBD	\$16,000	Planning report in progress.
Calgrove Storage	TWB Clarita Storage	Construction	D.M. Sanborn Pipeline	\$90,000	\$9,000	Construction is completed.
Canyon Plastic	Canyon SGN, Inc.	Construction	Tejon	\$15,000	\$4,000	Construction is completed.
Castaic RV Storage	RCMI A/A/F	Design	SCVWA	TBD	\$21,000	80% design complete.
Cedarcreek Elementary School	Saugus Union School	Construction	Novus Construction	\$50,000	\$15,000	Pending punch list.
Central Park Build Out	City of Santa Clarita	Plan Check/Inspection	TBD	\$30,000	\$10,000	Pending deposit letter approval.
Centre Pointe Self-Storage	Salazar Construction	Plan check/Inspection	JT Engineering	\$50,000	\$1,000	Plan is approved. Construction on hold.
Chiquita Canyon Landfill	Chiquita Canyon Landfill, LLC	Planning	Jensen	N/A	\$20,000	Report review is in progress.
Chiquita Canyon Landfill	Chiquita Canyon Landfill, LLC	Design	TBD	TBD	\$125,000	60% design complete.
Commerce Center Drive Bridge Potable and Recycled Pipelines	FivePoint	Construction	FivePoint	\$891,140	\$85,000	Construction is in progress.
Crossroads at Golden Valley		Planning	TBD	TBD	\$72,000	Planning in progress.

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of January 15, 2022**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Curtis Property Storage	Curtis Property Development	Plan Check	TBD	TBD	\$1,400	Plan check in progress.
Eternal Valley Memorial Park	Dignity Memorial Funeral Homes	Planning	Akel Engineering	TBD	\$15,000	Report review is in progress.
Excel Buena Park II, L.P. (Residence Inn and Springhill Suites)	Excel Group LLC	Construction	T. Morrissey Corporation	\$86,848	\$13,027	Construction is 95% complete.
Friendly Station Mart	Fayad Takla	Construction	StormCon	\$45,000	\$11,000	Construction is completed.
Golden Triangle Apartments	Intertex	Planning	SCV Water	TBD	\$35,000	Awaiting planning deposit.
Hancock Commerce Center (PM 26363, Parcel 6)	S.D. Herman	Construction	SCV Water/TBD	\$174,000	\$23,000	Pending punch list items.
Lyons Canyon	NUWI-Lyons Canyon, LLC	Planning	Jensen	\$53,000	\$60,000	Planning report is in progress.
Magic Mountain Tank No. 2	FivePoint	Construction	FivePoint	\$3,469,491	\$449,560	Construction is in progress.
Metro Walk	New Urban West	Planning	Civiltec	\$9,535	\$15,000	Planning phase report approved.
Mission Village - DS 542 Potable Water Pipelines	FivePoint	Construction	FivePoint	\$1,643,302 for both RW and PW	\$417,810	Pending punch list items.
Mission Village - DS 542 Recycled Water Pipelines	FivePoint	Construction	FivePoint	\$1,643,302 for both RW and PW	\$132,625	Pending punch list items.
Mission Village Highline Bypass	FivePoint	Construction	FivePoint	\$317,933	\$62,174	Preconstruction organization.
Mission Village - Petersen Booster Stations-PW & RW Design Services	FivePoint	Design	FivePoint	TBD	\$350,000	Design is in progress.
Mission Village – Petersen Tanks	FivePoint	Design	FivePoint	TBD	\$350,000	Design is in progress.
Mission Village - Phase All Phases Design Review	FivePoint	Design	FivePoint	N/A	\$300,000	Design review is in progress.
Mission Village - Tract 61105 – Phase 1 Potable and Recycled Water	FivePoint	Construction	FivePoint	N/A	\$1,500,000	Pending punch list items & close out documents.
Mission Village - Tract 61105 –1A Potable and Recycled Water	FivePoint	Construction	FivePoint	N/A	\$315,000	+/- 1,000 LF remaining on Potable. +/- 3,000LF remaining on Recycled.
Mission Village - Tract 61105 –1C Potable and Recycled Water	FivePoint	Construction	FivePoint	N/A	\$260,000	Pending punch list items.
Mission Village Tract 61105-02 Area A5a Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$50,000	Pending punch list items & easements.
Mission Village Tract 61105-03 Area A5b Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$50,000	Pending punch list items & easements.
Mission Village Tract 61105-04 Area F14 Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$50,000	Pending punch list items & easements.
Mission Village Tract 61105-04 Area F17 Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$45,000	Pending punch list items, close out documents & easements.
Mission Village Tract 61105-05 Area F13 Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$50,000	Pending punch list items & easements.

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of January 15, 2022**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Mission Village Tract 61105-06 Area A6 Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$50,000	Pending punch list items, close out documents & easements.
Mission Village Tract 61105-08 (Planning Area F15)	FivePoint	Construction	FivePoint	\$267,638	\$50,000	Construction is complete.
Mission Village Tract 61105-09 Area F11 Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$45,000	Pending punch list items & easements.
Mission Village Tract 61105-12 Area F12 Infrastructure	Richmond American Homes	Construction	FivePoint	\$136,670	\$37,200	Construction is in progress.
Mission Village Tract 61105-13 Area F7ab Infrastructure	FivePoint	Construction	FivePoint	N/A	\$95,269	Pending punch list items & easements.
Mission Village Tract 61105-13 Area F7c Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$86,419	Pending punch list items, close out documents & easements.
Mission Village Tract 61105-14 Area F5a Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$50,000	Pending punch list items, close out documents & easements.
Mission Village Tract 61105-15 Area F5b Infrastructure	Lennar Homes	Construction	FivePoint	N/A	\$79,516	Pending punch list items & easements.
Mission Village Tract 61105-17 Recycled Water	FivePoint	Construction	FivePoint	\$219,000	\$71,000	Construction is in progress.
Mission Village Tract 61105-17 Potable Water	FivePoint	Construction	FivePoint	\$963,000	\$125,000	Construction is in progress.
Mission Village Tract 61105-19 Planning Area A3	KB Homes	Construction	FivePoint	\$408,520	\$75,000	Preconstruction organization.
Mission Village Tract 61105-20 & -17 Planning Area A4	KB Homes	Construction	FivePoint	\$234,346	\$50,000	Construction is in progress.
Mission Village - Well 206/207 Pipeline	FivePoint	Construction	FivePoint	N/A	\$122,000	Construction is 70% complete: Potable pipelines are active. Remaining items are on hold.
Mitchell Well 5A Replacement	JSB Development	Design	Richard C. Slade & Associates LLC	TBD	\$58,000	Reviewing bridgeport site for replacement well.
Needham Ranch - DrinkPak	DrinkPak, LLC	Construction	Douglass Design & Build	\$50,000	\$9,800	Construction completed. Awaiting NOC
Needham Ranch Phase 2- Onsite Water Plans Newhall Ranch Road	Lion-TCC Development II, LLC	Design	Alliance Engineering	\$1,800,000	\$25,000	Phase 2 pipeline plans approved. Tank 7A plans approved. Pine Street plans & DDW Waiver approved.
Orchard Village Medical Building	OVMC LLC (Intertex)	Construction	Groundwork Engineering Inc.	\$50,000	\$18,000	Construction is complete.
Pacific Golden Valley	Pacific Industrial	Planning & Design	Alliance Engineering	TBD	\$10,000	Sent out Planning Deposit letter request.
Parcel Map 19163 Parcel 1 – Homewood Suites/Hampton Inn,	Prince Hospitality LLC	Construction	Tron Construction	\$60,000	\$28,000	Construction is 75% complete.

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of January 15, 2022**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Parcel Map 62646 Water Pipeline Facilities on Railroad Avenue / Oakridge Drive	Saugus Holdings, LLC, and TMC Hollis	Planning & Design	SCV Water	\$412,000	\$41,000	Under construction.
Park Place/Tick Canyon	Williams Homes	Planning	Cannon	N/A	\$60,000	Planning Water Tech Memo in progress.
Placerita Bible Church	PBC	Construction	Intertex General Contractors, Inc.	\$6,000	\$2,000	Construction is 95% complete.
Plum Canyon Tract 46018–11 Pump Station (Civil/Mechanical)	Pardee & Toll Brothers	Construction	Staats Construction	\$648,597	\$61,000	Construction is complete. Starting contract closeout.
Plum Canyon Tract 46018–11 Pump Station (Electrical)	Pardee & Toll Brothers	Construction	Coleman–Pacific	\$467,000	\$46,700	Construction is complete. Starting contract closeout.
Plum Canyon Tract 73858 Lot 1	Toll Brothers	Construction	Staats	\$856,000	\$114,600	Construction is 90% complete. Conducting final inspections and punch list. Developer to provide easement.
Reyes Winery (24329 Main St)	Robert Reyes	Construction	Intertex General Contractors, Inc. & Groundworks, Inc.	\$21,985	\$5,000	Construction is 95% complete.
Sand Canyon Plaza- Off-Tract Water Plans	Sand Canyon Plaza LLC	Design	SCV Water	TBD	\$75,000	plans approved.
Sand Canyon Plaza- Pump Station	Sand Canyon Plaza LLC	Design	SC Water/Civiltec	\$1,700,000	\$32,500	90% plans complete.
Sand Canyon Plaza- 1.7MG Dean Tank	Sand Canyon Plaza LLC	Design	SC Water/Civiltec	\$6,000,000	\$95,334	30% plans in process.
Sheriff Station – 16" Water Main Extension in Golden Valley Road	City of Santa Clarita	Construction	Mesa Engineering	\$1,574,000	\$172,900	Construction is complete. Coordinating with contractor on contract closeout.
Skyline Pump Station No. 2	TriPointe Homes (fka Pardee Homes)	Design	Cannon	\$980,000	\$150,000	Design is in progress.
Skyline Ranch Road Bridge Crossing 16" and 20" Water Mains	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$214,359	\$21,436	Construction is completed.
Skyline Ranch Tract 609022–02 Vertex Way Pipelines	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$480,488	\$48,000	Construction is 90% complete.
Skyline Ranch Tract 60922 – Sierra Highway 16-inch Deane Zone Pipeline	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$1,428,000	\$142,800	Construction is complete and the pipe is active.
Skyline Ranch Tract 60922 – Sierra Highway 20-inch North Oaks Pipeline	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$723,194	\$72,319	Construction is 90% complete & pending tie-ins.
Skyline Ranch Tract 60922 – Site Improvements for Two 0.87 MG Tanks	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering, Coleman-Pacific, Tejon Constructions	\$538,477	\$53,137	Construction is substantially complete. Pending punch list items.
Skyline Ranch Tract 60922 – Two 0.87 MG Tanks (Skyline Ranch Zone)	TriPointe Homes (fka Pardee Homes)	Construction	Paso Robles	\$1,879,001	\$187,900	Tank construction is substantially complete and tanks are online. Pending punch list items.

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of January 15, 2022**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Skyline Ranch Tract 60922-01 Backbone Pipelines	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$1,417,928	\$142,000	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-01 Paseo	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$68,159	Included in PA-01	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-01 Planning Areas A & B & PA-01	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$675,824	\$67,600	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-01 Planning Areas C & D	TriPointe Homes (fka Pardee Homes)	Construction	Staats Construction	\$533,300	\$53,330	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-01 Planning Areas E1 & F	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$707,700	\$70,700	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-01 Stratus Street	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$817,031	\$81,703	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-01 Stratus Street Gap Section	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$93,141	\$9,314	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-02 Planning Area G	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$786,648	\$78,665	Construction is in progress.
Skyline Ranch Tract 60922-02 Planning Area H	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$828,805	\$82,881	Construction is in progress.
Skyline Ranch Tract 60922-04 Planning Area E-2	TriPointe Homes (fka Pardee Homes)	Construction	Staats	\$369,597	\$36,960	Construction is complete. Conducting final inspections and punch list.
Skyline Ranch Tract 60922-04 Planning Area L	TriPointe Homes (fka Pardee Homes)	Construction	Staats	\$323,751	\$32,375	Construction is 85% complete.
Skyline Ranch Tract 60922-04 Planning Areas M1	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$273,208	\$27,321	Construction is 95% complete.
Skyline Ranch Tract 60922-04 Planning Areas M2	TriPointe Homes (fka Pardee Homes)	Construction	TBD	\$396,981	\$39,698	Design is 100% complete.
Sierra Highway/Avalon Waterline Relocation	TriPointe Homes (fka Pardee Homes)	Construction	Blois Construction	\$75,000	\$10,000	Construction is 95% complete.
Skyline Ranch Tract 60922-05 Planning Area O2	TriPointe Homes (fka Pardee Homes)	Construction	Mesa Engineering	\$762,300	\$76,230	Construction is 95% complete.
Southern California Innovation Park	Intertex	Planning & Design	Jensen	\$31,500	\$45,000/\$6,000	Planning report and design review in progress.
Spring Canyon	Spring Canyon Recory Acquisition, LLC	Design	Michael Baker International	TBD	\$25,000	100% plans rechecked. Awaiting corrections.

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
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Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Subaru of Valencia	Hello Auto Group	Construction	Source Group	\$50,000	\$10,000	Pending submittal approval.
Tesoro del Valle – Pump Station	BLC Tesoro LLC	Design	Civiltec	TBD	\$30,000	Design is 95% complete.
Tesoro del Valle – Two 1.2 MG Tanks	BLC Tesoro LLC	Design	Civiltec	TBD	\$40,000	Tank plans approved.
Tesoro del Valle – Water Line Distribution	BLC Tesoro LLC	Design	Fusco Engineering	\$2,100,000	\$50,000	Phase 1 plans approved. Phase 2, 3 & 4 plans in 60% review. Phase 5, 6 & 7 60% complete.
Tract 74718 Dockweiler	Dockweiler 21 LLC	Design	Forma Engineering	TBD	\$5,000	Construction complete. Preparing punch list items.
Tract AVT 52455–16	Ashdon Development	Construction	Intertex General Contractors, Inc.	\$85,043	\$17,000	Construction is 95% complete.
Travel Village	Travel Village, LLC	Design	TBD	TBD	\$2,500	Design plan approved. Third Party Agreement in progress.
Truck Stop	Parker Ranch, LLC	Design	Octagon Construction	TBD	\$5,000	Design plan approved. Third Party Agreement in progress.
Valencia Town Center Square – Phase 2	VTC Square Investors, LLC	Construction	Staats Construction	\$220,100	\$22,010	Construction is substantially complete.
Violin Canyon Multi Family	PWP Properties, Inc.	Plan Review	Southland Civil Engineering	TBD	\$3,000	Awaiting plan check deposit.
Vista Canyon Apartments	JPI	Construction	Tejon Constructions	\$60,000	\$6,000	Awaiting easement and irrigation meters.
Vista Canyon Multi-Modal Rail Center - 48" Steel Casing	City of Santa Clarita	Construction	Icon West, Inc.	TBD	\$50,000	Construction is completed.
Vista Canyon Tract 69164-KB Homes	KB Homes	Construction	Boudreau Pipeline	\$57,000	\$5,600	Awaiting irrigation meters installation & easement from Vista Canyon.
Vista Canyon Tract 69164 Phase 1A Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$673,532	\$67,400	Construction is complete. Conducting final inspections and punch list.
Vista Canyon Tract 69164 Phase 2 – Portion 1 – Potable Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$241,112	\$24,100	Construction is complete. Conducting final inspections and punch list.
Vista Canyon Tract 69164 Phase 2 – Portion 2 – Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering	\$392,693	\$39,269	Construction is complete. Conducting final inspections and punch list.
Vista Canyon Tract 69164 Phase 2 – Portion 3 – Potable Water	Vista Canyon LLC	Construction	Mesa Engineering	\$376,259	\$37,626	Construction is 90% complete. Pending tie-in at La Veda Blvd.
Vista Canyon Tract 69164 Phase 2 – Portion 3 – Recycled Water	Vista Canyon LLC	Construction	Mesa Engineering	\$261,252	\$26,125	Construction is complete. Conducting final inspections and punch list.

**Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of January 15, 2022**

Project	Third Party Funding Source	Planning, Design, Construction	Contractor/Consultant	Construction Amount	SCV Water Deposit Amount	Status
Westside Communities Potable Water Infrastructure Plan	FivePoint	Planning	FivePoint	N/A	\$94,000	Planning is complete.
Westside Communities Recycled Water Infrastructure Plan	FivePoint	Planning	FivePoint	N/A	\$65,000	Recycled Water Infrastructure Plan is in progress.
Whites Canyon Apt. (Shapell)	Shapell Properties, Inc.	Construction	Sikand Engineering/T.B. Penick & Sons, Inc.	TBD	\$215,000	Construction in progress.
Wiley Canyon	Wiley Cyn LLC	Planning	Akel Engineering	TBD	\$12,000	On hold.

Closed Agreements:						
25333 Railroad Avenue (Storage Facility) – Fire Service	Norris Construction	Construction	Mesa Engineering	\$21,000	\$2,100	Construction is complete. Installation of backflow by developer is pending.
College of the Canyons Valencia Campus Parking Structure – Water Line Improvements	Santa Clarita Community College District	Construction	R.C. Becker & Son	\$370,575	\$129,000	Construction is complete. Easement documents from COC are pending.
Concord Development Tract 53425-01	Lennar	Design	Turf Construction	\$100,000	\$10,000	Released bonds.
Parcel Map 26363 Parcels 3 & 4 at 27736 – 27788 Hancock Parkway	Intertex	Construction	Blois Construction	\$35,000	\$3,500	Construction is complete. Preparation of as-built drawings are pending.
Parcel Map 60030, Parcels 1-8< Chase Place.	Krusinski/IAC	Construction	J.A. Salazar Construction & Supply Corp.	\$79,500	\$19,950	Construction is complete & as-builts are pending.
Skyline Ranch Plaza Tract 46018-11A	Intertex	Construction	Groundbreakers Construction	\$288,314	\$28,832	Construction is complete.

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

**ITEM NO.
11**

Item	Department	PowerPoint Presentation (Y/N/Length)	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	May 3 Board	May 12 Comm	May 17 Board	Jun 2 Comm	Jun 7 Board	Jun 21 Board	Jul 5 Board		
1	Monthly Committee Planning Calendar	-	None	C	C	C	C																															
2	CIP Construction Status Report	OPS	None	C	C	C	C																															
3	Monthly Operations and Production Report	OPS	None	C	C	C	C																															
4	Third Party Funded Agreements Quarterly Report	ESS	None																																			
5	Quarterly Safety Program Presentation	OPS	Yes 15 min		C																																	
6	Annual Safety Program Update (FY 20-21)	OPS	Yes 15 min					C																														
7	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	ESS	Yes, 10 min	C	C																																	
8	Recommend Approval of a Resolution Awarding a Purchase Order for Additional Final Design Services for Phase 2C South End Recycled Water Main Extension	ESS	Yes, 10 min	C	C																																	
9	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	OPS	None		C																																	
10	Recommend Approval of Decoro Drive Pavement Repair	OPS	None		C	C																																
11	Recommend Approval of Purchase of IX Resin for the N Wells PFAS Treatment System	ESS	None		C	C																																
12	Recommend Approval of a Three-Year Annual Service Contract for the Liquid Chromatography Tandem Mass Spectrometer (LCMSMS)	OPS	None				C		C																													
13	Recommend Approval of a Resolution for a Construction Contract with NoHo Constructors for the Earl Schmidt Filtration Plant (ESFP) Standby Generator Project	ESS	Yes 10 min							C	C																											
14	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	ESS	Yes 10 min							C		C																										
15	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	ESS	None										C	C																								
16	Recommend Approval to Purchase Approximately 5,000 AMI Compatible Meters	OPS	Yes 10 min										C	C																								
17	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	ESS	Yes 10 min										C		C																							
18	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	ESS	Yes, 10 min										C		C																							
19	Recommend Approval of a Resolution Awarding a Contract for Fairway Water Storage Tank Coating Project	OPS	Yes, 10 min													C	C																					
20	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	ESS	Yes, 10 min													C		C																				
21	Recommend Approval of a Resolution Awarding a Materials Purchase Contract for the Santa Clara and Honby Wells PFAS Groundwater Treatment Project with Aqueous Vets	ESS	Yes, 10 min													C		C																				
22	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	ESS	Yes 10 min															C																				

C = Completed Item
P = Planned Item

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

	Item	Department	PowerPoint Presentation (Y/N/Length)	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	May 3 Board	May 12 Comm	May 17 Board	Jun 2 Comm	Jun 7 Board	Jun 21 Board	Jul 5 Board					
39	Recommend Approval of Construction of New Sand Canyon Plaza (Deane Zone) Pump Station and Cost Sharing Agreement with Developer	ESS	Yes 10 min																										P		P											
40	Review Proposed FY 2022/23 Major Capital Projects	ESS	Yes 10 min																										P													
41	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	ESS	Yes 10 min																														P				P					
42	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	ESS	Yes 10 min																														P				P					
43	Recommend Approval of Resolution Awarding Construction Contract for Pipeline to Los Angeles Residential Community	ESS	Yes 10 min																															P				P				
44	Recommend Approval of Construction of a New Skyline Ranch (Deane Zone) Pump Station and Cost Sharing Agreement with Developer	ESS	Yes 10 min																																	P			P			
45	Recommend Approval of Construction of New Skyline Ranch 2.1 MG Tank (Deane Zone) and Cost Sharing Agreement with Developer	ESS	Yes 10 min																																	P			P			
46	Recommend Approval of Resolution Awarding a Purchase Order for Final Design Services for Honby Tank Pipeline Improvements	ESS	Yes 10 min																																	P			P			
47	Cell Sites Program Presentation	ESS	Yes 10 min																																							
48	Recommend Approval of Smyth Drive 14" PVC Replacement	ESS	Yes 10 min																																							
49	Recommend Approval of Dickason Drive 14" PVC Replacement	ESS	Yes 10 min																																							
50	Recommend Approval of Abdale, Maplebay and Beachgrove Pipeline Replacement	ESS	Yes 10 min																																							
51	Recommend Approval of Construction of New Sand Canyon Plaza 1.5 MG Tank (Deane Zone) and Cost Sharing Agreement with Developer	ESS	Yes 10 min																																							
52	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	ESS	Yes 10 min																																							
53	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	ESS	Yes 10 min																																							
54	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for RWWTP UST Replacement Project	ESS	Yes 10 min																																							

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P = Planned Item

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