

NOTICE AND AGENDA OF REGULAR MEETING  
GROUNDWATER SUSTAINABILITY AGENCY  
FOR THE WESTERN MANAGEMENT AREA  
IN THE SANTA YNEZ RIVER GROUNDWATER BASIN

HELD AT  
VANDENBERG VILLAGE COMMUNITY SERVICES DISTRICT, MEETING ROOM  
3745 CONSTELLATION RD, LOMPOC, CALIFORNIA  
WEDNESDAY, MAY 24, 2023, AT 10:00 A.M.

**AGENDA OF REGULAR MEETING**

1. Call to Order and Roll Call
2. Additions or Deletions to the Agenda
3. Public Comment (Any member of the public may address the Committee relating to any non-agenda matter within the Committee's jurisdiction. The total time for all public comment shall not exceed fifteen minutes and the time allotted for each individual shall not exceed five minutes. No action will be taken by the Committee at this meeting on any public comment item.)
4. Review and consider approval of meeting minutes of March 22, 2023
5. Review and consider approval of Financial Statements and Warrant List
6. Review and Summary of Request(s) for WMA GSA Written Verification under Executive Order N-7-22 as amended in Executive Order N-5-23 for well permits processed by County EHS in the WMA
  - a. APN 097-371-074: The V Hotel LLC
7. Consider WMA CAG Membership
8. Discuss SGMA Governance for the WMA
9. Informational Correspondence
  - a. Santa Barbara County Farm Bureau, April 5, 2023
  - b. State Water Resources Control Board, April 14, 2023
  - c. Santa Barbara County Cattlemen's Association, May 3, 2023
  - d. Burton Ranch Development information update, May 4, 2023
10. Santa Ynez River Valley Groundwater Basin, Western Management Area, Spring 2023 Measurements prepared by Santa Barbara County Water Agency, presented by John Fio, EKI
11. Next WMA GSA Regular Meeting, Wednesday, June 28, 2023, at 10:00 a.m. at Vandenberg Village Community Services District, Meeting Room, 3745 Constellation Rd, Lompoc, California
12. WMA GSA Committee reports and requests for future agenda items
13. Adjournment

[This agenda was posted 72 hours prior to the scheduled regular meeting at 3669 Sagunto Street, Suite 101, Santa Ynez, California, and SantaYnezWater.org in accordance with Government Code Section 54954. In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Santa Ynez River Water Conservation District at (805) 693-1156. Advanced notification as far as practicable prior to the meeting will enable the GSA to make reasonable arrangements to ensure accessibility to this meeting.]

## MEETING MINUTES

### Groundwater Sustainability Agency for the Western Management Area in the Santa Ynez River Groundwater Basin March 22, 2023

A regular meeting of the Groundwater Sustainability Agency (GSA) for the Western Management Area (WMA) in the Santa Ynez River Groundwater Basin was held on Wednesday, March 22, 2023, at 10:00 a.m. at the Vandenberg Village Community Services District Board Room, 3745 Constellation Road, Lompoc, California.

WMA GSA Directors Present: Jeremy Ball, Chris Brooks, Myron Heavin, and Steve Jordan,

WMA GSA Alternate Directors Present: Art Hibbits, Ron Stassi, and Kristin Worthley

Staff Present: Joe Barget, Bill Buelow, Marliez Diaz, Brad Hagemann, and Amber Thompson

Others Present (in person): Lindsay Cokeley, Paeter Garcia, and Derek McLeish

Others Present (Video Conference): John Fio (EKI), Curtis Lawler (Stetson Engineers), and Brett Stroud (Young Wooldridge)

#### I. Call to Order and Roll Call

WMA GSA Chair Chris Brooks called the meeting to order at 10:00 a.m. and asked Mr. Bill Buelow to call roll. All Directors were present providing a quorum. Three GSA Alternate Directors were also present.

#### II. Additions or Deletions to the Agenda

No additions or deletions were made.

#### III. Public Comment

There was no public comment. Mr. Buelow announced he did not receive any public comments in advance of the meeting.

#### IV. Review and consider approval of meeting minutes of February 22, 2023

The minutes of the WMA GSA Committee meeting on February 22, 2023 were presented for GSA Committee approval. There was no discussion or public comment.

WMA GSA Director Myron Heavin made a MOTION to approve the minutes of February 22, 2023, as presented. GSA Director Steve Jordan seconded the motion and it passed unanimously.

**V. Review and Summary of Request(s) for WMA GSA Written Verification under Executive Order N-7-22 and other well permits processed by County EHS in the WMA**

Mr. Buelow reported that the WMA GSA received two requests for written verifications under Executive Order N-7-22 which were issued written verification letters.

**a. APN 093-070-058- Launchpad Lands, LLC**

Mr. Buelow presented the DRAFT Review of Well Application in the Santa Ynez River Valley Groundwater Basin, Western Management Area (WMA) APN: 093-070-058 (WP 0005467) Launchpad Lands, LLC, dated February 8, 2023 (updated March 7, 2023) and the WMA GSA Verification letter dated March 7, 2023.

**b. APN 093-020-012 - Jordan-Cramer Ranch**

Mr. Buelow presented the Draft Review of New Well Application in the Santa Ynez River Valley Groundwater Basin, Western Management Area (WMA) APN: 093-020-012 (WP 0005360) Jordan-Cramer Ranch, dated February 17, 2023 and the WMA GSA Verification letter dated March 7, 2023.

There was no discussion, no public comment and no action.

**VI. Consider Approving and Submitting the Second Annual Report for the Western Management Area of the Santa Ynez River Valley Groundwater Basin to DWR**

Curtis Lawler, Stetson Engineers, presented information the Second Annual Report for the Western Management Area of the Santa Ynez River Valley Groundwater Basin for submission to DWR. He stated that, as required by DWR, the Second Annual Report includes data from the prior water year of October 1, 2021 through September 30, 2022. He noted that the last data points of water levels in the Report are the measurements of October 2022 before the recent winter storms. He also pointed out that that the Annual Report shows that there is nothing alarming in the WMA with the sustainability indicators. Discussion followed and public comments were received.

WMA GSA Director Myron Heavin recommended all member agencies should forward the Annual Report to the rest of their respective governing boards.

WMA GSA Director Myron Heavin made a MOTION to approve the Second Annual Report Water Year 2022 for the Santa Ynez River Valley Groundwater Basin Bulletin 118 Basin No. 3-15 Western Management Area Groundwater Sustainability Agency, authorize staff to make any non-substantive edits, if needed, and direct staff to upload document to DWR. GSA Director Steve Jordan seconded the motion and it passed unanimously.

Public comment was received requesting public outreach efforts with regards to the Second Annual Report.

**VII. Discuss GMA Governance for the WMA**

Mr. Buelow provided an update on staff efforts in creating a JPA for the WMA GSA. Discussion followed. Directors favored migrating the details of the current Memorandum of Agreement into a Joint Powers Authority for the WMA.

There was no public comment and no action.

**VIII. Update on Required Conflict of Interest Form 700 Filings**

Ms. Amber Thompson reported that most Committee Members have filed their required Conflict of Interest Form 700s with the County of Santa Barbara prior to the deadline and she is working with those who still need to file.

**IX. Consider change in the set meeting time for regular meetings of the WMA GSA**

Mr. Buelow reported of a potential timing conflict for one of the WMA GSA Directors. Discussion followed regarding changing the meeting time for regular meetings of the WMA GSA. The Committee unanimously decided to not change the start time of the regular meetings.

**X. Next WMA GSA Regular Meeting, Wednesday, April 26, 2023, time TBD at Vandenberg Village Community Services District, Board Room, 3745 Constellation Rd., Lompoc**

WMA GSA Chair Chris Brooks announced the next WMA GSA regular meeting will be Wednesday, April 26, 2023, at 10:00 a.m., at the Vandenberg Village Community Services District Board Room, 3745 Constellation Road, Lompoc, California.

**XI. WMA GSA Committee reports and requests for future agenda items**

WMA GSA Director Steve Jordan expressed concern about the flood control of the Santa Ynez River and the water supply of the WMA GSA.

**XII. Adjournment**

GSA Director Chris Brooks adjourned the meeting at 11:25 a.m.

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Chris Brooks, Chairman

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William J. Buelow, Secretary

**WMA GSA**  
**Balance Sheet**  
As of March 31, 2023

	<u>Mar 31, 23</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
Checking/Savings	
1150 - Five Star Bank Checking #5978	48,611.82
<b>Total Checking/Savings</b>	<u>48,611.82</u>
<b>Total Current Assets</b>	<u>48,611.82</u>
<b>TOTAL ASSETS</b>	<u><b>48,611.82</b></u>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
Other Current Liabilities	
2300 - Deposits - Well Verification	1,650.00
<b>Total Other Current Liabilities</b>	<u>1,650.00</u>
<b>Total Current Liabilities</b>	<u>1,650.00</u>
<b>Total Liabilities</b>	<u>1,650.00</u>
<b>Equity</b>	
3000 - Retained Earnings	27,450.40
Net Income	19,511.42
<b>Total Equity</b>	<u>46,961.82</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<u><b>48,611.82</b></u>

**WMA GSA**  
**Profit & Loss YTD Comparison**  
 January through March 2023

	<u>Jan - Mar 23</u>	<u>Jul '22 - Mar 23</u>
<b>Income</b>		
4000 · Oper Assess fr Member Agencies	0.00	26,278.52
4500 · Grant Revenue	0.00	48,133.33
4600 · Interest Income	13.19	34.35
<b>Total Income</b>	<u>13.19</u>	<u>74,446.20</u>
<b>Expense</b>		
5320 · Office Expense (incl postage)	0.00	24.70
5330 · Outside Staff Support	300.00	900.00
5350 · Public Relations	0.00	163.20
6280 · GSP - AEM Survey	0.00	45,518.38
6400 · Annual Report	1,891.75	4,718.50
6500 · GSP Implementation	2,632.50	3,610.00
<b>Total Expense</b>	<u>4,824.25</u>	<u>54,934.78</u>
<b>Net Income</b>	<u><u>-4,811.06</u></u>	<u><u>19,511.42</u></u>

**WMA GSA**  
**Transactions by Account**  
**Deposits - Well Verification**  
 As of March 31, 2023

2300 - Deposits - Well Verification	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Clr</u>	<u>Split</u>	<u>Amount</u>	<u>Balance</u>
									<b>2,400.00</b>
	Bill	03/13/2023	02041.001-1	GSI			2000 - Accounts Payable	-1,950.00	450.00
	General Journal	03/23/2023	Deposit		Deposit for Well Verification		1150 - Five Star Bank Checking #5978	1,200.00	1,650.00
Total 2300 - Deposits - Well Verification								<u>-750.00</u>	<u>1,650.00</u>
<b>TOTAL</b>								<u><b>-750.00</b></u>	<u><b>1,650.00</b></u>

**GROUNDWATER SUSTAINABILITY AGENCY FOR THE  
WESTERN MANAGEMENT AREA (WMA)  
IN THE SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN**

**JANUARY 2023 WARRANT LIST FOR COMMITTEE APPROVAL**

<u>NUMBER</u>	<u>DATE</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
			NONE	
<b>MONTH TOTAL</b>				<b>\$ -</b>

**FEBRUARY 2023 WARRANT LIST FOR COMMITTEE APPROVAL**

<u>NUMBER</u>	<u>DATE</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
			NONE	
<b>MONTH TOTAL</b>				<b>\$ -</b>

**MARCH 2023 WARRANT LIST FOR COMMITTEE APPROVAL**

<u>NUMBER</u>	<u>DATE</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
1002	03/13/23	GSI Water Solutions	November 2022 Well Verification Review (paid by Well Owner Deposits)	\$ 1,950.00
1003	03/13/23	Stetson Engineers	December 2022 Engineering Service (WY2022 Annual Report & GSP Implementation Work)	\$ 3,481.75
1004	03/13/23	Santa Ynez River Water Conservation District	Reimburse costs paid by SYRWCD for November 2022 Stetson Engineers WMA Annual Report Planning and GSP Implementation	\$ 1,042.50
1005	03/13/23	Valley Bookkeeping	2023 1st Quarter Bookkeeping (January, February, March 2023)	\$ 300.00
<b>MONTH TOTAL</b>				<b>\$ 6,774.25</b>

**TOTAL CHECKS THIS QUARTER: \$ 6,774.25**



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## **DRAFT Review of Well Application in the Santa Ynez River Valley Groundwater Basin, Western Management Area (WMA) APN: 097-371-074 (WP 0005512) MP Corp**

**To:** Santa Ynez River Valley WMA GSA Parties  
**From:** Tim Nicely and Andres Lapostol, GSI Water Solutions  
**Date:** May 11, 2023

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This DRAFT memorandum presents our review of an application to install a new well within the Western Management Area (WMA). Our review was conducted on behalf of the Santa Ynez River Valley Groundwater Basin Western Management Area Groundwater Sustainability Agency (GSA). Under Paragraph 9 of Governor Newsom’s Executive Order N-7-22 and the County Board of Supervisors Urgency Ordinance No. 5158 dated May 24, 2022, EHS shall not approve a permit for a new groundwater well or for alteration of an existing well in a medium or high-priority basin subject to the Sustainable Groundwater Management Act (SGMA) without first obtaining written verification from the GSA that groundwater extraction by the proposed well:

1. would not be inconsistent with any sustainable groundwater management program established by the Groundwater Sustainability Plan (Plan) adopted by the GSA, and
2. would not decrease the likelihood of achieving a sustainability goal for the basin covered by the Plan.

Paragraph 9 of Executive Order N-7-22 does not apply to permits for wells that will provide less than two acre-feet per year of groundwater for individual domestic users, or that will exclusively provide groundwater to public water supply systems as defined in section 116275 of the Health and Safety Code. The application being reviewed is for a new, 6-inch diameter irrigation supply well completed to a depth of 600 feet. The anticipated water production reported by the applicant is 2.7 acre-foot per year (AFY). The application also estimates a production rate of 100 gallons per minute (gpm) and an average daily runtime of 1 to 2 hours during non-winter months. If the well was operated at this rate for 6 months out of the year, the total water production would be roughly 3 to 6 AFY.

### **Summary of Findings**

The proposed well has the following properties:

- Well location:
  - The proposed well is located on Assessor’s Parcel Number 097-371-074, at 3955 Apollo Way in Lompoc, California, which is located within the Lompoc Upland area of the WMA.
  - The parcel is located within the service area of the Vandenberg Village Public Water System and covers 6.8 acres. The property zoning designation is commercial.

- Proposed well construction and use information:
  - The proposed new well will be completed to a depth of 600 feet below ground surface (bgs), with perforations from 400 to 600 feet bgs. This well will be completed within the areal extent of the Lower Aquifer, which is a principal aquifer within the WMA.
  - The well will be used for irrigation purposes on a 6.8-acre parcel. The planned pumping rate is 100 gallons per minute for 1 to 2 hours per day for the non-winter months.
- Based on the geologic setting at the site, the well would be completed within the Lower Aquifer, which is managed by the GSA.
- Assess groundwater and related conditions:
  - The nearest representative monitoring well for the WMA is well 7N/34W-15D3, which is a Vandenberg Village CSD production well completed to a similar depth. This well is located approximately 2,900 feet southeast of the proposed new well.
  - Groundwater conditions within the WMA are classified in the WMA's second annual report as "sustainable with no current undesirable results (defined as significant and unreasonable impacts to sustainability indicators)."
  - Based on the cumulative departure from mean annual precipitation, climatic conditions in WMA have been dry since 2012, including the recently-ended water year 2021-2022.
- Would the well increase production within the WMA?
  - The proposed new well is within a Principal Aquifer managed by the GSA and would increase production from a Principal Aquifer within the WMA. The new well would not likely cause an exceedance of minimum thresholds or cause undesirable results measured at representative wells as defined in the Plan.
  - The proposed new well would not be inconsistent with any sustainable groundwater management program established by the Plan adopted by the WMA GSA because production from the well would likely not cause an exceedance of minimum thresholds and cause undesirable results measured at representative wells as defined in the Plan.
  - In our opinion, the new well would not likely cause significant and unreasonable conditions leading to undesirable results for the Plan's sustainability indicators:
    - Chronic water level decline.
    - Reduction of groundwater in storage
    - Degradation of water quality
    - Subsidence
    - Depletion of interconnected surface water and impacts to GDEs

## Summary

Based upon planned production from this proposed well, the proposed well would NOT be "inconsistent with any sustainable groundwater management program" established by the GSA and would NOT decrease the likelihood of achieving a sustainability goal for the basin. Notably, this well remains subject to regulation by the GSA in accordance with SGMA and the WMA Plan. It may be necessary to limit production from this well in the future if the GSA finds that undesirable results as defined in the Plan are occurring in the basin.

In our opinion, the GSA should provide a written verification to the County of Santa Barbara Department of Environmental Health for this application.

### **Indemnification and Limitations of Liability**

GSI does not warrant or guarantee that the replacement well will produce the expected amount of water nor that the GSA will not require that extraction from the well be reduced in the future in accordance with its authority to manage the WMA within the sustainability goal presented in WMA's Plan.

GSI is not responsible for or otherwise liable for any costs, investments, lost revenue, or payments related to any groundwater well permitted or not permitted by the County, including well drilling costs, pumping fees, extraction limits, costs related to well failure, well deepening, increased maintenance, replacement, or operational costs.

The GSA's issuance of a written verification and the County's issuance of a well permit to Applicant does not guarantee the extraction of any specific amount of water now or in the future or any defined water level or water quality.



P.O. Box 719  
3669 Sagunto Street, Suite 101  
Santa Ynez, California 93460

Telephone: (805) 693-1156  
FAX: (805) 693-4607

**SantaYnezWater.com**

May 24, 2023

*Via Email*

RE: Invitation to Apply to Continue to Serve as WMA CAG Member

Dear Current WMA CAG members:

The WMA GSA Committee and member agency staff would like to thank you for participating on the WMA CAG and contributing to the completion and submittal of the WMA GSA Groundwater Sustainability Plan. Your time spent listening, commenting, and reporting on our process was instrumental in the WMA GSP development. We hope you enjoyed being on the WMA GSA team as much as we have valued your input.

We are in a new phase of the Sustainable Groundwater Management Act requirements; it is GSP Implementation. We will be inviting new applicants for WMA CAG membership for this next phase. If you would like to be considered to continue serving as a WMA CAG Member, please complete the attached application.

**Deadline to submit your application is Thursday, June 15, 2023.** Please submit by email to [wma@SantaYnezWater.org](mailto:wma@SantaYnezWater.org) or by mail to WMA GSA, P.O. Box 719, Santa Ynez, CA 93460.

Please note, you should plan to be available until the submittal of the Third Annual Report on or about April 1, 2024.

The application and additional information are attached. Should you have any questions, please contact the WMA GSA Coordinator, Bill Buelow, at 805-693-1156, ext. 403 or via email at [wma@SantaYnezWater.org](mailto:wma@SantaYnezWater.org).

**Again, thank you so much for your service. The final meeting of the current WMA CAG members will be Wednesday, June 28, 2023 following the WMA GSA regular meeting. Lunch will be provided.**

Sincerely,  
Santa Ynez River Valley Groundwater Basin  
Western Management Area Groundwater Sustainability Agency

Chris Brooks  
Committee Chair



P.O. Box 719  
3669 Sagunto Street, Suite 101  
Santa Ynez, California 93460

Telephone: (805) 693-1156  
FAX: (805) 693-4607

**SantaYnezWater.com**

May 24, 2023

RE: Invitation to Apply to Serve on the WMA Citizen Advisory Group

Dear Stakeholders of the Santa Ynez River Groundwater Basin:

You are invited to apply to become a Citizen Advisor Group (CAG) member for the Western Management Area Groundwater Sustainability Agency (WMA GSA). If selected, you will:

- Be valued for your diverse perspectives concerning all beneficial uses and users of groundwater
- Provide an additional level of public input to the Committee on various issues related to the implementation of the Groundwater Sustainability Plan (GSP)
- Attend meetings of the WMA GSA, GSP implementation, and other SGMA-related activities
- Influence the decisions of GSP implementation by the WMA GSA Committee

**Deadline to submit your application is Thursday, June 15, 2023.** Please submit by email to [wma@SantaYnezWater.org](mailto:wma@SantaYnezWater.org) or by mail to WMA GSA, P.O. Box 719, Santa Ynez, CA 93460.

Please note, you should plan to be available until the submittal of the Third Annual Report on or about April 1, 2024.

The application and additional information are enclosed. Should you have any questions, please contact the WMA GSA Coordinator, Bill Buelow, at 805-693-1156, ext. 403 or via email at [wma@SantaYnezWater.org](mailto:wma@SantaYnezWater.org).

Sincerely,  
Santa Ynez River Valley Groundwater Basin  
Western Management Area Groundwater Sustainability Agency

Chris Brooks  
Committee Chair

**Santa Ynez River Valley Groundwater Basin**  
**Western Management Area (WMA) Groundwater Sustainability Agency (GSA)**  
**Citizen Advisory Group (CAG) Guidelines**

The WMA GSA Committee (Committee), comprised of officials appointed from the member agencies of the WMA GSA (Santa Ynez River Water Conservation District; City of Lompoc; Vandenberg Village Community Services District, Mission Hills Community Services District, and the Santa Barbara County Water Agency) is responsible for implementing the Sustainable Groundwater Management Act (SGMA) in the WMA of the Santa Ynez River Valley Groundwater Basin (Basin) and for coordinating its activities with other GSAs and agencies in the Basin. The Committee adopted a Groundwater Sustainability Plan (GSP) for the WMA on January 5, 2022, and submitted it to the California Department of Water Resources for their review and approval.

The CAG was formed and provided meaningful input throughout the development of the GSP. The Committee would like to continue the momentum of the CAG by directing future efforts toward projects and management actions and other aspects of implementing the GSP.

**Purpose**

SGMA required the Committee to consider the interests of diverse social, cultural, and economic elements of the population within the WMA during the development of the GSP, including the interests of all beneficial uses and users of groundwater. Collaborative and inclusive processes make the GSP more effective by increasing public buy-in, promoting compliance, and enhancing the quality of information on which the GSP is based. The Committee maintains a current list of organizations and people who receive notices of GSA Committee meetings and other SGMA-related activities. The CAG provides an additional level of public input to the Committee in a way that represents different categories of groundwater uses and users in the WMA.

To ensure an effective and collaborative process, the Committee will appoint members to the CAG who reflect a diversity of interests and different types of groundwater uses and users in the WMA. The CAG will provide input to the Committee relating to various elements or sections of the GSP, including but not limited to those pertaining to stakeholder engagement, data management, the hydrogeologic conceptual model and numeric groundwater model, water budgets, sustainability goals, monitoring programs, and projects and management actions.

**Roles and Responsibilities**

The Committee is solely responsible for all matters relating to the CAG, including but not limited to formation, membership, function, organization, operation, management, and dissolution. The Committee may request that WMA GSA member agency staff assist the CAG.

**Staff Role.** Responsibility for the administrative aspects of the CAG process may be delegated to staff from the member agencies of the WMA GSA. At the request of the Committee, staff will schedule CAG meetings, prepare and circulate agendas, distribute materials to the CAG members for review, facilitate meetings, prepare meeting minutes, and undertake other related tasks.

**CAG Role.** At times determined by the Committee, CAG members will be asked to provide input or recommendations on various elements or sections of the GSP and related topics. In addition to providing their personal perspectives, CAG members represent different categories of groundwater uses and users in the WMA. All CAG members are expected to work collaboratively among themselves, with other stakeholders and members of the public, with the Committee, with member agency staff, and with other GSAs and agencies throughout the Santa Ynez River Valley Groundwater Basin. CAG members may be asked to develop comments and input on topics, recognizing there may not always be consensus. CAG input will be considered by the Committee in the process of implementing the WMA GSP and in coordinating those efforts with the EMA GSA and the CMA GSA. Members of the CAG serve voluntarily at the pleasure of the Committee. All CAG members are expected to commit time and effort to support the implementation of the GSP and serve for at least one year.

### **Governance**

All matters relating to the CAG, including but not limited to the formation, membership, function, organization, operation, management, and dissolution of the CAG shall remain within the sole discretion of the Committee. Procedural items relating to the CAG are set forth below.

**Applications and Selection.** Interested individuals must complete and submit the attached Application Form. The Committee, or an ad hoc subcommittee that may include member agency staff, will review and evaluate applications. The evaluation process may include applicant interviews. The Committee will select CAG members as needs arise or as vacancies occur.

**Composition.** The Committee will select up to seven (7) members to serve on the CAG.

**Term.** CAG members are expected to serve at least one year but do not serve for any specific period.

**Dismissal.** CAG members serve at will and at the pleasure of the Committee. At its sole discretion, the Committee may dismiss any or all members of the CAG at any time, with or without cause.

**Vacancies.** When a vacancy occurs on the CAG, the Committee may appoint a new member without conducting a new application process.

**Meetings.** CAG meetings will be held on an as-needed and as-available basis, generally about four times a year.

# APPLICATION FORM

WMA GSA CAG Member

Name: \_\_\_\_\_

Email address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Daytime Phone Number: \_\_\_\_\_

**What is your relationship to the Western Management Area (WMA) of the Santa Ynez River Valley Groundwater Basin? (See Attached Map)**

**Please check all that apply:**

- |  |   |
|--|---|
| <input type="checkbox"/> Resident                      | <input type="checkbox"/> NGO Representative               |
| <input type="checkbox"/> Domestic Well Owner/Producer  | <input type="checkbox"/> Agricultural Well Owner/Producer |
| <input type="checkbox"/> Public Agency Representative  | <input type="checkbox"/> California Native American Tribe |
| <input type="checkbox"/> Landowner                     | <input type="checkbox"/> Business Owner                   |
| <input type="checkbox"/> Representative of a landowner | <input type="checkbox"/> Other: _____                     |

**Why are you interested in serving on the CAG? (Please use an additional page if more space is needed.)**

**What type or category of groundwater uses or users in the Western Management Area do you propose to represent?**

**What unique experience or expertise would you contribute if selected to the CAG? Please explain any technical knowledge you have regarding water resource issues in the WMA. (Please use an additional page if more space is needed.)**

Are you committed to fully participating in the CAG process for at least one year? Do you have particular time or timing limitations that may impact your ability to serve as a member of the CAG?

Please provide the names and information of three personal or professional references.

1. Name: \_\_\_\_\_  
Affiliation/Relationship: \_\_\_\_\_  
Daytime Phone Number: \_\_\_\_\_  
Email address: \_\_\_\_\_

2. Name: \_\_\_\_\_  
Affiliation/Relationship: \_\_\_\_\_  
Daytime Phone Number: \_\_\_\_\_  
Email address: \_\_\_\_\_

3. Name: \_\_\_\_\_  
Affiliation/Relationship: \_\_\_\_\_  
Daytime Phone Number: \_\_\_\_\_  
Email address: \_\_\_\_\_

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Submit completed application forms to Mr. Bill Buelow, Groundwater Program Manager, Santa Ynez River Water Conservation District by either of the following:

Email: [wma@SantaYnezWater.org](mailto:wma@SantaYnezWater.org)

US Postal Service: Attn: Bill Buelow  
SYRWCD on behalf of WMA GSA  
PO Box 719  
Santa Ynez, CA 93460



# Santa Barbara County Farm Bureau

Affiliated with the California Farm Bureau Federation and the American Farm Bureau Federation

April 5, 2023

Brett Marymee, Chairman EMA GSA  
Art Hibbits, Chairman CMA GSA  
Chris Brooks, Chairman WMA GSA

c/o William (Bill) Buelow  
Santa Ynez River Water Conservation District  
3669 Sagunto St. Suite 101  
Santa Ynez, CA 93460

Re: GSA Committee Agricultural Representation

Gentlemen,

The Santa Barbara County Farm Bureau, a nonprofit California corporation representing approximately 500 agricultural and associate members in Santa Barbara County, is concerned with the lack of agricultural representation on all 3 GSA committees representing the Santa Ynez River Water Basin.

Our members grow a wide variety of crops along with livestock operations within the basin that rely on groundwater that is integral to their operations and the local economy. Our farmers lead in adoption of low volume irrigation methods, such as drip, subsurface and micro irrigation systems.

It is estimated that in a wet year with above average precipitation, agriculture uses 30% of the available groundwater for irrigation, while in a dry year that share could increase to 50%.

Given agriculture's vested interest in maintaining a sustainable water supply in the Santa Ynez River Basin, we believe it is imperative that a representative from agriculture serves on each of the three current GSA Committees, with all members utilizing an equal voting structure. We understand the Santa Ynez Water Group has been actively involved in this process to date and would support candidates vetted by them to serve on the 3 GSA committees.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sheldon Bosio'.

Sheldon Bosio, President.  
Santa Barbara County Farm Bureau

---

## State Water Resources Control Board

April 14, 2023

Monica Salais  
GSP Review Section Manager  
Sustainable Groundwater Management  
Office  
Department of Water Resources  
[Monica.Reis@water.ca.gov](mailto:Monica.Reis@water.ca.gov)

Shane Edmunds  
GSP Review Section Manager  
Sustainable Groundwater Management  
Office  
Department of Water Resources  
[Shane.Edmunds@water.ca.gov](mailto:Shane.Edmunds@water.ca.gov)

### ***SANTA YNEZ RIVER VALLEY GROUNDWATER SUSTAINABILITY PLANS, GROUNDWATER BASIN NO. 3-015***

The Santa Ynez River Valley Groundwater Basin is managed by three groundwater sustainability agencies (GSAs) which cover the three management areas (western, central, and eastern) that comprise the basin. Each GSA submitted a groundwater sustainability plan (GSP) for its management area. The GSPs state that the GSAs will not manage the Santa Ynez River Alluvium—a significant portion of the basin—because it is “underflow” of the Santa Ynez River and is subject to management by the State Water Resources Control Board (State Water Board).<sup>1</sup> However, the assertion that all underground water in the Santa Ynez River Alluvium is surface water managed by the State Water Board is not correct, and it appears that it will be necessary to treat this area as an unmanaged area under the Sustainable Groundwater Management Act (SGMA).

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<sup>1</sup> E.g., Santa Ynez River Valley Groundwater Basin – Eastern Management Area Groundwater Sustainability Plan, pp. 29-30 (“Water present within the Santa Ynez River Alluvium is considered surface water subject to the jurisdiction of the SWRCB, and, thus, is not managed by the GSAs under SGMA.... The hydraulic continuity of this underflow with the surface flow of the Santa Ynez River is such that diversion from the underflow constitutes diversion of the surface water system.”); Santa Ynez River Valley Groundwater Basin – Western Management Area Groundwater Sustainability Plan, p. ES-3; Santa Ynez River Valley Groundwater Basin – Central Management Area Groundwater Sustainability Plan, p. ES-2.

SGMA does not alter surface water or groundwater rights under common law or any provision of law that determines or grants surface water rights. (Wat. Code, § 10720.5, subd. (b).) Accordingly, the presumptions and principles that guide the distinction between surface water (and underground water flowing in known and definite channels) and groundwater in California law also apply to the determination of whether underground water is subject to SGMA. The similar terminology used in SGMA's definition of "groundwater," which excludes "water that flows in known and definite channels," and Water Code section 1200, which includes "subterranean streams flowing through known and definite channels" with "surface water" for the purpose of identifying water that is subject to the appropriative water rights system, supports this conclusion. (Compare Wat. Code, § 1200 and Wat. Code, § 10721, subd. (g).)

Water under the ground is presumed to be percolating groundwater, and the burden of proving otherwise is on the person asserting that the groundwater is a subterranean stream flowing through known and definite channels. (*City of Los Angeles v. Pomeroy* (1899), 124 Cal. 597, 628 (*Pomeroy*); State Water Resources Control Board Water Rights Decision 1639 at p. 3 (Garrapata Decision).) It is not unusual for groundwater to flow underground within a defined subterranean basin, but unless the flow is through known and definite channels the water is properly classified as percolating groundwater. (*Pomeroy*, 124 Cal. at 629, see Hutchins, *The California Law of Water Rights*, at pp. 426-427.)

The State Water Board addressed the interpretation and application of "subterranean streams flowing through known and definite channels" as used in Water Code section 1200 in the Garrapata Decision. Relying on the California Supreme Court's decision in *Pomeroy*, the State Water Board identified a four-factor test for determining whether groundwater is properly classified as a subterranean stream flowing in known and definite channels: (1) a subsurface channel must be present; (2) the channel must have relatively impermeable bed and banks; (3) the course of the channel must be known or capable of being determined by reasonable inference; and (4) groundwater must be flowing in the channel. (Garrapata Decision at p. 4.)<sup>2</sup> As noted above, because SGMA's definition of "groundwater" is nearly identical to the language used in Water Code section 1200, it is appropriate to apply both the presumption of percolating groundwater and the four factors from the Garrapata Decision to determine whether water beneath the ground is flowing through known and definite channels and thus excluded from SGMA's definition of "groundwater." This means that unless there has been an actual determination that the Garrapata factors are present, water that is beneath the ground is

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<sup>2</sup> The First District Court of Appeal held that the Garrapata factors are consistent with the language and intent of Water Code section 1200 in *North Gualala Water Co. v. State Water Resources Control Board* (2006) 139 Cal.App.4th 1577, 1606.

presumed to be percolating groundwater and is subject to SGMA, even if the water is moving in a defined subterranean basin.

“Underflow” is not defined in the Water Code: it is an informal clarification of the source of water that is sometimes used in State Water Board permits and licenses authorizing diversion from streams subject to the Board jurisdiction when the diversion occurs through wells. An appropriative water right that identifies “underflow” as a source authorizes the holder to divert the identified water in accordance with the terms of the right, but the issuance of such a right does not authorize the diversion of percolating groundwater or constitute a determination regarding the existence or location of any known and definite subsurface channels unless there is a State Water Board determination or order containing findings that identify subsurface channels pursuant to the Garrapata factors. If a State Water Board determination or order does find sufficient proof that the four factors of the Garrapata test are present and identifies a subterranean stream flowing through known and definite channels, the State Water Board will proceed to manage extractions from the subterranean stream under the appropriative water rights system. But until the State Water Board makes or issues such a determination or order, the presumption of percolating groundwater holds and management under SGMA is necessary. Thus, while it may be appropriate for a GSA to forgo management of wells that are subject to regulation through a Board-issued permit or license, it is not appropriate for a GSA to exclude any other wells, let alone an entire alluvial subbasin, from management under SGMA based on the existence of a discrete number of Board-regulated wells.

Prior to the issuance of the Santa Ynez River GSPs, Division of Water Rights staff conducted an initial review of State Water Board files and notified the Groundwater Program Manager of the Santa Ynez River Water Conservation District in September 2021 by phone of staff’s findings: (1) the Board has not made a determination that the Santa Ynez River Valley Basin does contain a subterranean stream, and (2) the State Water Board does not manage groundwater extractions this area, aside from three permits for wells approved without consideration of whether the source was surface water or groundwater. After the Santa Ynez River GSPs were finalized, staff conducted a further review of State Water Board files to determine whether there have been any technical determinations sufficient to overcome the presumption that underground water in areas near the Santa Ynez River is percolating groundwater. The staff review is summarized below.

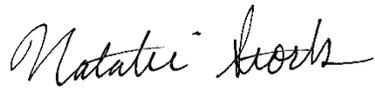
The State Water Board has issued appropriative water rights permits and licenses in the Santa Ynez River watershed that use wells for diversion or identify “Santa Ynez River underflow” as the source of the appropriation but has not made any subterranean

stream designations or determinations in the watershed or for the alluvial basin. For example, Water Right Decision 886 addresses the geology in the Santa Ynez River Basin and refers several times to “underflow” and the presence of impermeable rocks but does not make a determination identifying known and definite channels with impermeable banks, and instead indicates that there are areas of the river (and its alluvium) that are adjacent to water bearing rocks. (See Decision 886 at p. 18 [description of Buellton Subarea].) Water Right Decision 1338 also involved appropriation from “Santa Ynez River Underflow” but does not determine that the entire alluvial basin is a subterranean stream flowing in known and definite channels. A memo written in 1966 regarding one of the water rights considered in Decision 1338 does address identifiable “bed and banks” and can be read as supporting an argument that some water in the alluvium can be characterized as part of an subterranean stream flowing in known and definite channels, however it also misinterprets the geology at depth, meaning that it fails to recognize that the water-bearing Careaga Sands form part of the “bed and banks” of the alluvium. Furthermore, a staff analysis written in 1968 by the same author discusses percolation between streams and groundwater basins in the Santa Ynez River Valley and can be read to support the conclusion that the groundwater is percolating groundwater due to the permeability of the “bed and banks.”

The State Water Board’s Division of Water Rights’ Sacramento Valley Enforcement Unit drafted a memo dated February 6, 2019, addressing a subterranean stream designation for a single well completed in alluvium near Buellton, CA. However, this memo is a staff-level analysis regarding one well, not a State Water Board subterranean stream designation for the entire Santa Ynez Alluvium and is not sufficient to overcome the general presumption that underground water in the Santa Ynez Alluvium is percolating groundwater. Moreover, the current data shows that the Santa Ynez Alluvium is not completely bounded by relatively impermeable bed and banks. There is complex geology in this area and not all margins of the river valley are underlain by the same units that are present in the well log that is the subject of the memo. Recent mapping published by the USGS shows the alluvial deposits are underlain by both the Paso Robles Formation and the Careaga Sandstone in large portions of the river valley. Subterranean streams, as determined by the State Water Board and its predecessor, generally have banks of low or very-low permeability fractured bedrock that confine beds of alluvium and other high permeability materials. Both the Paso Robles and Careaga formations are productive, unconsolidated regional aquifers with generally high permeability, and do not meet the definition or characteristics of a bounding or constraining ‘bank’ of a subterranean stream. Having relatively permeable underlying units negates the possibility of satisfying the bed and banks criterion of the Garrapata four-part test in the Buellton area.

At this time, it is appropriate to continue treating the Santa Ynez River Alluvium as percolating groundwater subject to SGMA, which provides tools to manage groundwater use to avoid the undesirable result of depletions of interconnected surface water that cause significant and unreasonable adverse impacts. If, in the future, the State Water Board finds that water in the basin or a portion of the basin meets the Garrapata factors, State Water Board staff would begin the process of identifying water rights or recording statements of claim to all wells within the areas identified as subterranean streams. Those wells would be required to file annual reports of water diversion and use, and failure to do so could result in future enforcement.

Sincerely,

A handwritten signature in cursive script that reads "Natalie Stork".

Natalie Stork  
Supervising Engineering Geologist  
Groundwater Management Program  
Office of Research, Planning, and Performance



May 3, 2023

Brett Marymee, Chairman EMA GSA  
Art Hibbits, Chairman CMA GSA  
Chris Brookes, Chairman WMA GSA

c/o William (Bill) Buelow  
Santa Ynez River Water Conservation District  
3669 Sagunto St. Suite 101  
Santa Ynez, CA 93460

Re: GSA Committee Agricultural representation

Dear Gentlemen,

The Santa Barbara County Cattlemen's Association, a nonprofit California corporation representing approximately 125 agricultural and associated members in Santa Barbara County, is concerned with the lack of agricultural representation on all 3 GSA committees representing the Santa Ynez River Water Basin. Members of the Cattlemen's Association currently own and/or manage nearly 360,000 acres of grazing land in the County.

Ranching has been an integral part of Santa Barbara County's community since the first Spanish, and later, Mexican Land Grants. Many of these Land Grants have been handed down from generation to generation, continuing the ranching heritage.

Ranchlands are vital to the bucolic atmosphere that is greatly cherished by all who those who both live and visit our County. Agriculture feeds our local economy. "Open space, wildlife corridors, carbon sinks" – all exist because of our Santa Barbara County ranches. Groundwater has always been essential to our livestock operations. Landowner overlying water rights are critical for our ranches to continue. Ranchers know the importance of sustainable land stewardship.

Given agriculture's vested interest in maintaining a sustainable water supply in the Santa Ynez River Basin, we believe it is imperative that a representative from agriculture serves on each of the three current, and future GSA Committees, with all members utilizing an equal voting structure.

We understand the Santa Ynez Water Group (SYWG) has been actively involved in this process to date and we support candidates vetted by SYWG to serve on the 3 GSA committees.

Sincerely,

Billy King, Jr.  
Santa Barbara County Cattlemen's Association



CONTACTS:  
Kathy Lulette, [Burton Ranch Lompoc](#), 806.681.6362  
Samantha Scroggin, [City of Lompoc](#), 805.875.8278  
Brad Hagemann, [Mission Hills CSD](#), 805.835.3163

Mission Hills Community Services District and Lompoc City Council Approve  
Burton Ranch Development Agreements

*Agreements Clear the Way for New Homes to Move Forward*

LOMPOC, CA, May 4, 2023: Wednesday's [Mission Hills Community Services District](#) (MHCS D) Board approval of the Burton Ranch Development Agreement and Wastewater Services Agreement resolves a long-standing legal dispute between the MHCS D and the City of Lompoc, and resolves water and sewer service for the approved Burton Ranch homes. The MHCS D Board's unanimous 5-0 approval follows the [Lompoc City Council's](#) 4-0 approval of the same Wastewater Services Agreement at its regular meeting on Tuesday, May 2.

"We are pleased that the Mission Hills CSD Board and Lompoc City Council have been able to resolve the utility service dispute that has delayed bringing these needed homes to Lompoc. Our collective efforts have resulted in an environmentally superior water and wastewater management plan that is fair to all parties," said Derek Hansen of The Towbes Group, a local home builder and one of the Burton Ranch Lompoc owners.

"When the City approves revisions to the Burton Ranch Specific Plan at a later date, we will be able to move forward with bringing up to 476 new single family and multi-family homes, plus a community park, to the 150-acre 'Wye' parcel off Highway 1 and just north of Hancock College's Lompoc Valley Center," continued Hansen.

After several attempts to resolve the matter, in July 2020 the City of Lompoc brought suit against MHCS D for a determination of how water and wastewater services would be provided to Burton Ranch and enable the homes to be built. Since then, the three parties have worked cooperatively to settle the matter, culminating in the approval of a Development Agreement between Burton Ranch and MHCS D, as well as a Wastewater Services Agreement between the City and MHCS D.

The approved agreements call for MHCS D to provide water for the Burton Ranch Project and to collect the project's wastewater, which will then be delivered to and treated by the [City of Lompoc's Regional Wastewater Reclamation Plant](#). The City already receives wastewater from Vandenberg Village and Vandenberg Space Force Base in addition to serving City residents and businesses.

"This is a significant accomplishment not only for the Burton Ranch homes but for the Lompoc Valley. The City and Mission Hills CSD worked together for the benefit of our broader community," stated Brad Hagemann, MHCS D General Manager. "This kind of collaboration always leads to better results for our residents and ratepayers," continued Hagemann.

With the water and wastewater provider issue resolved, the approved Burton Ranch project, originally approved by the City in 2007, will now move forward with processing minor Specific Plan updates, which must be complete before permits can be issued. Groundbreaking for the up to 476 single family and multi-family homes is now anticipated to take place in 2024.

For more information on Burton Ranch visit <https://burtonranchlompoc.com/>.

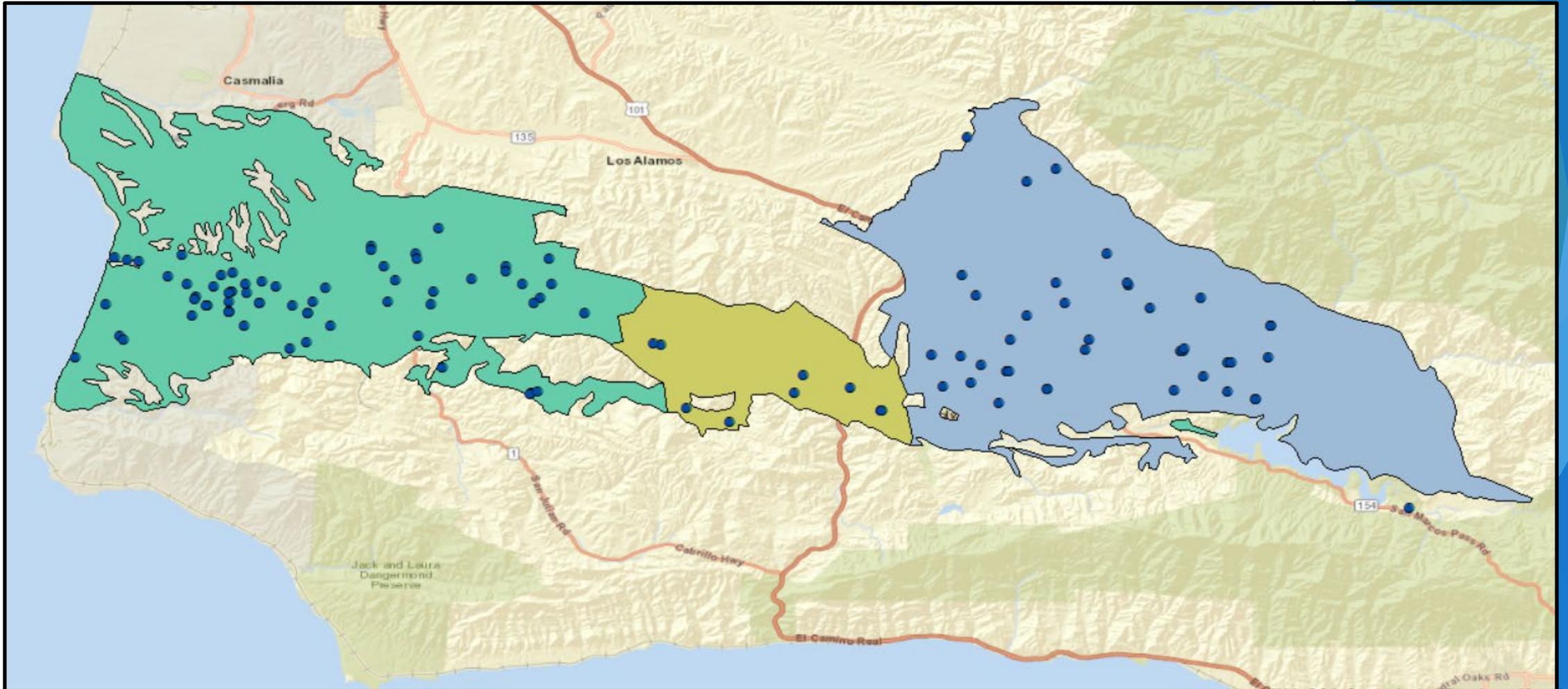
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# SANTA YNEZ RIVER VALLEY GROUNDWATER BASIN

WESTERN MANAGEMENT AREA

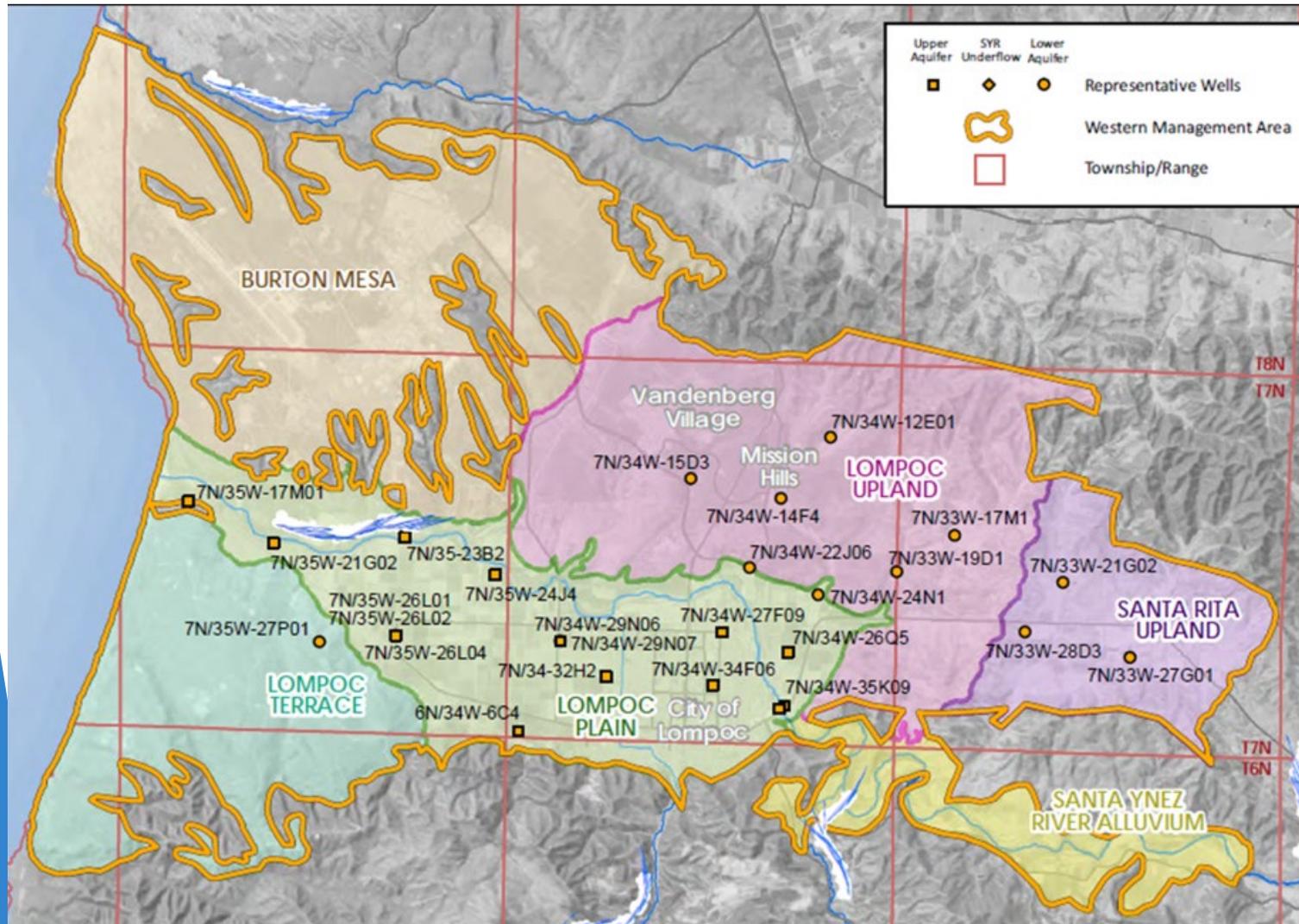
SPRING 2023 MEASUREMENTS

# NETWORK OF 111 WELLS THROUGHOUT THE ENTIRE SANTA YNEZ GROUNDWATER BASIN



# NETWORK OF 60 WELLS WITHIN THE WMA

(24 ARE REPRESENTATIVE WELLS IN GSP)



- Water level measurements are completed biannually in March and October.
- Depth below land surface elevation is adjusted to mean sea level.
- 53 of the 60 wells in the monitoring network measured in March 2023.
- 23 of 24 representative wells measured.
- 10 out of 49 wells (20%) showed a one year decrease in water levels

# SPRING 2023 WMA WATER LEVEL MEASUREMENTS SHOWING 1-YEAR CHANGE

WELL ID	DATE	SPRING 2023 (DEPTH FROM GROUND SURFACE)	SPRING 2022 (DEPTH FROM GROUND SURFACE)	1-YEAR CHANGE
<b>WESTERN LOMPOC PLAIN</b>				
7N/35W-17K20	3/20/2023	16.92	13.98	(2.94)
7N/35W-17M1	3/20/2023	4.07	0.50	(3.57)
7N/35W-18J2	3/20/2023	1.42		
7N/35W-22J1	3/20/2023	13.25	22.15	8.90
7N/35W-23E6	3/20/2023	17.00	26.95	9.95
7N/35W-23J5	3/20/2023	15.83	22.39	6.56
7N/35W-23Q4	3/24/2023	10.08	26.33	16.25
7N/35W-24K5	3/20/2023	24.38	28.52	4.14
7N/35W-24N3	3/20/2023	8.21		
7N/35W-25F6	3/20/2023	7.78	14.82	7.04
7N/35W-25F7	3/20/2023	6.18	9.18	3.00
7N/35W-26F4	3/20/2023	8.79	35.13	26.34
7N/35W-26L1	3/20/2023	3.05	6.18	3.13
7N/35W-26L2	3/20/2023	2.20	9.25	7.05
7N/35W-26L4	3/20/2023	2.45	17.07	14.62
7N/35W-27C1	3/20/2023	9.83	17.72	7.89
7N/35W-35A3	3/20/2023	13.74	21.27	7.53
<b>VANDENBERG AIR FORCE BASE</b>				
6N/36W-26C1	3/20/2023	29.51		
6N/36W-01K2	3/20/2023	149.24	149.68	0.44
7N/35N-22M1	3/20/2023	6.52	14.07	7.55
7N/35W-15M1	3/20/2023	101.36	102.21	0.85
7N/35W-21G2	3/20/2023	12.25	12.38	0.13
7N/35W-23B2	3/20/2023	20.36	25.56	5.20
7N/35W-27F1	3/20/2023	5.38	13.38	8.00
7N/35W-27H5	3/20/2023	7.14	17.07	9.93
7N/35W-27J1	3/20/2023		14.96	
7N/35W-27P1	3/20/2023	222.21	224.14	1.93
7N/35W-31J2	3/20/2023	5.54	6.21	0.67

WELL ID	DATE	SPRING 2023 (DEPTH FROM GROUND SURFACE)	SPRING 2022 (DEPTH FROM GROUND SURFACE)	1-YEAR CHANGE
<b>SANTA RITA / SANTA ROSA</b>				
6N/33W-8J3	3/23/2023		45.02	
6N/33W-8R1	3/23/2023		50.53	
6N/33W-9M1	3/23/2023		48.35	
6N/34W-12C5	3/23/2023		45.50	
7N/33W-21G2	3/9/2023	358.40	358.28	(0.12)
7N/33W-21N1	3/9/2023	303.18	303.25	0.07
7N/33W-27G1	3/9/2023	385.37	383.44	(1.93)
7N/33W-28D3	3/9/2023	308.21	307.77	(0.44)
<b>LOMPOC UPLANDS</b>				
7N/33W-17M1	3/9/2023	282.63	282.36	(0.27)
7N/33W-17N2	3/9/2023	306.22	306.40	0.18
7N/33W-19D1	3/9/2023	206.35	205.87	(0.48)
7N/33W-20G1 (R)	3/9/2023	324.84	324.82	(0.02)
7N/34W-12E1	3/30/2023	332.21	331.45	(0.76)
7N/34W-14F4	3/23/2023	230.11	234.35	4.24
7N/34W-14L1	3/23/2023	218.64	221.42	2.78
7N/34W-15D3	3/23/2023	141.71	143.13	1.42
7N/34W-15E1	3/23/2023	134.94	136.79	1.85
7N/34W-15E3	3/23/2023	135.82		
7N/34W-15P2	3/9/2023	260.89	260.69	(0.20)
<b>LOMPOC PLAIN - CENTRAL &amp; EASTERN</b>				
6N/34W-6C4	3/20/2023		68.70	
7N/34W-20K4	3/23/2023	22.02	33.32	11.30
7N/34W-22J6	3/9/2023	49.21	51.48	2.27
7N/34W-24N1	3/23/2023	82.95	84.50	1.55
7N/34W-26H3	3/9/2023			
7N/34W-27G6	3/9/2023	33.68	42.30	8.62
7N/34W-29E4	3/23/2023	20.99	37.84	16.85
7N/34W-29N6	3/20/2023	22.69	33.96	11.27
7N/34W-29N7	3/20/2023	23.10	30.01	6.91
7N/34W-30L10	3/20/2023	17.71	30.42	12.71
7N/34W-31R2	3/23/2023	28.53	37.73	9.20
7N/34W-35K9	3/9/2023	19.01		
7N/35W-24J4	3/23/2023	19.55	33.63	14.08

# 23 WMA MEASURED REPRESENTATIVE WELLS

- ▶ **SANTA RITA/ SANTA ROSA**
  - Measured in 3 wells
- ▶ **LOMPOC UPLAND**
  - Measured in 6 wells
- ▶ **LOMPOC PLAIN - CENTRAL AND EASTERN**
  - Measured in 6 wells
- ▶ **WESTERN LOMPOC PLAIN**
  - Measured in 5 wells
- ▶ **VANDENBERG SPACE FORCE BASE**
  - Measured in 3 wells

Undesirable results: Groundwater levels remain below Minimum Thresholds after two consecutive years of average or above-average precipitation in 50% of representative wells.

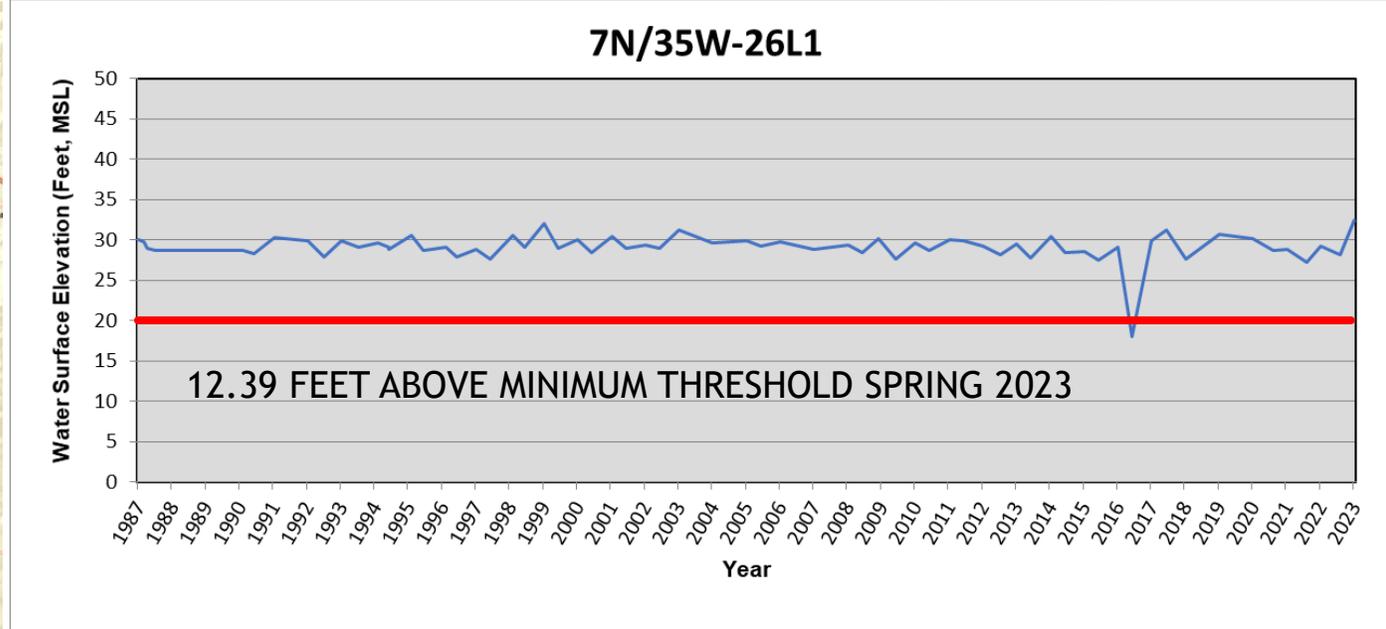
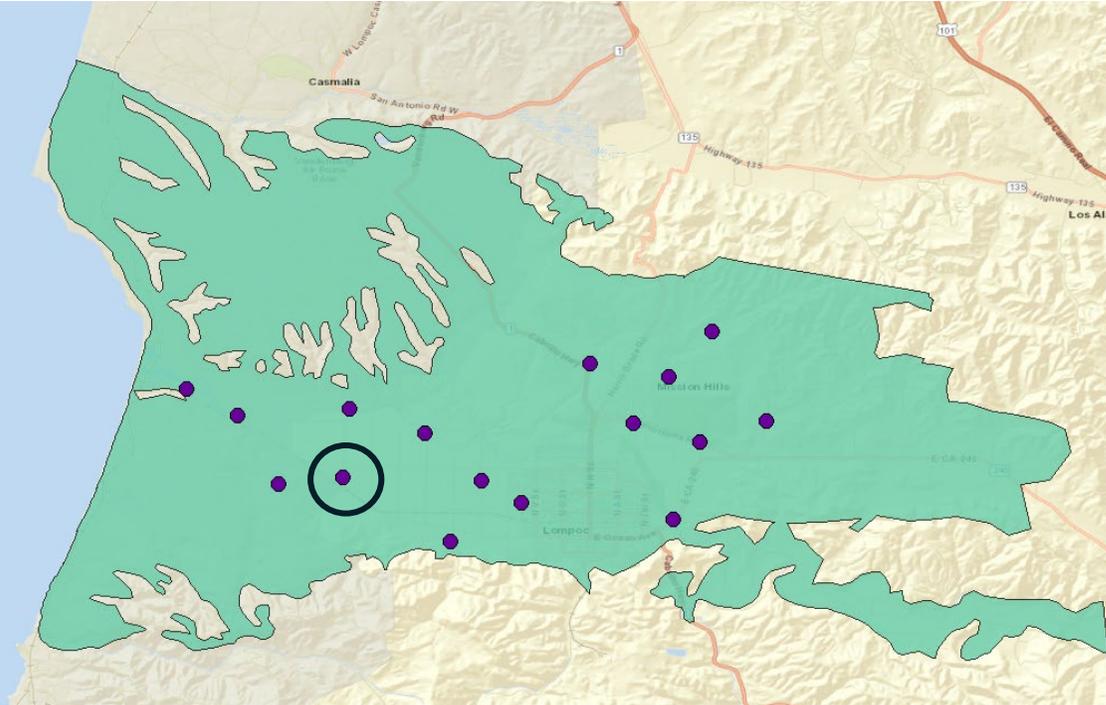
# WMA REPRESENTATIVE WELL MEASUREMENTS

WELL ID	DATE	MINIMUM THRESHOLD (FT)	WATER LEVEL ELEVATION (FT) SPRING 2023
<b>SANTA RITA / SANTA ROSA</b>			
7N/33W-21G2	3/9/2023	46	62.86
7N/33W-27G1	3/9/2023	31	50.66
7N/33W-28D3	3/9/2023	25	43.93
<b>LOMPOC UPLANDS</b>			
7N/33W-17M1	3/9/2023	31	46.71
7N/33W-19D1	3/9/2023	28	47.40
7N/34W-12E1	3/30/2023	35	53.79
7N/34W-14F4	3/23/2023	23	43.53
7N/34W-15D3	3/23/2023	31	50.99
7N/34W-15E3	3/23/2023	31	44.18
<b>LOMPOC PLAIN - CENTRAL &amp; EASTERN</b>			
6N/34W-6C4	3/20/2023	22	
7N/34W-22J6	3/9/2023	28	47.93
7N/34W-24N1	3/23/2023	29	48.32
7N/34W-29N6	3/20/2023	26	44.30
7N/34W-29N7	3/20/2023	15	43.56
7N/34W-35K9	3/9/2023	67	86.91
7N/35W-24J4	3/23/2023	20	39.39
<b>WESTERN LOMPOC PLAIN</b>			
7N/35W-17K20	3/20/2023	0	6.27
7N/35W-17M1	3/20/2023	0	6.10
7N/35W-26L1	3/20/2023	20	32.39
7N/35W-26L2	3/20/2023	18	32.52
7N/35W-26L4	3/20/2023	6	32.82
<b>VANDENBERG AIR FORCE BASE</b>			
7N/35W-21G2	3/20/2023	0	10.32
7N/35W-23B2	3/20/2023	0	12.20
7N/35W-27P1	3/20/2023	20	40.35

All 23 measured representative wells are above Minimum Threshold elevation

# WESTERN LOMPOC PLAIN

## 7N/35W-26L1



March 2022 to 2023 comparison

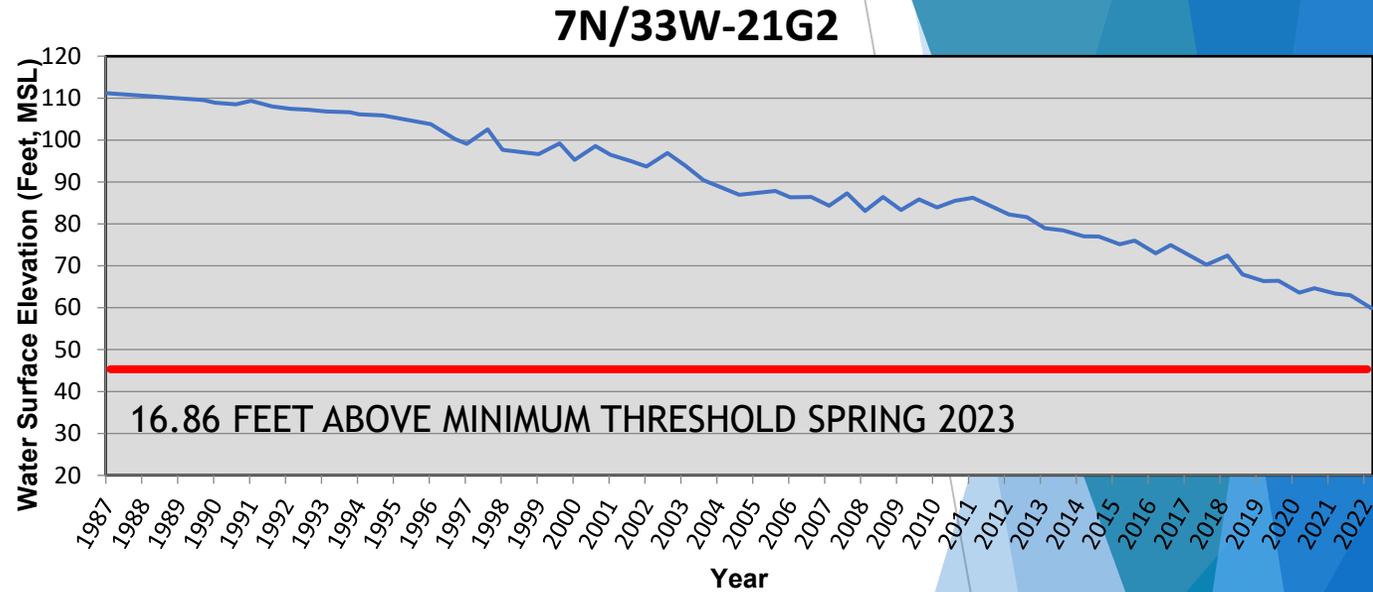
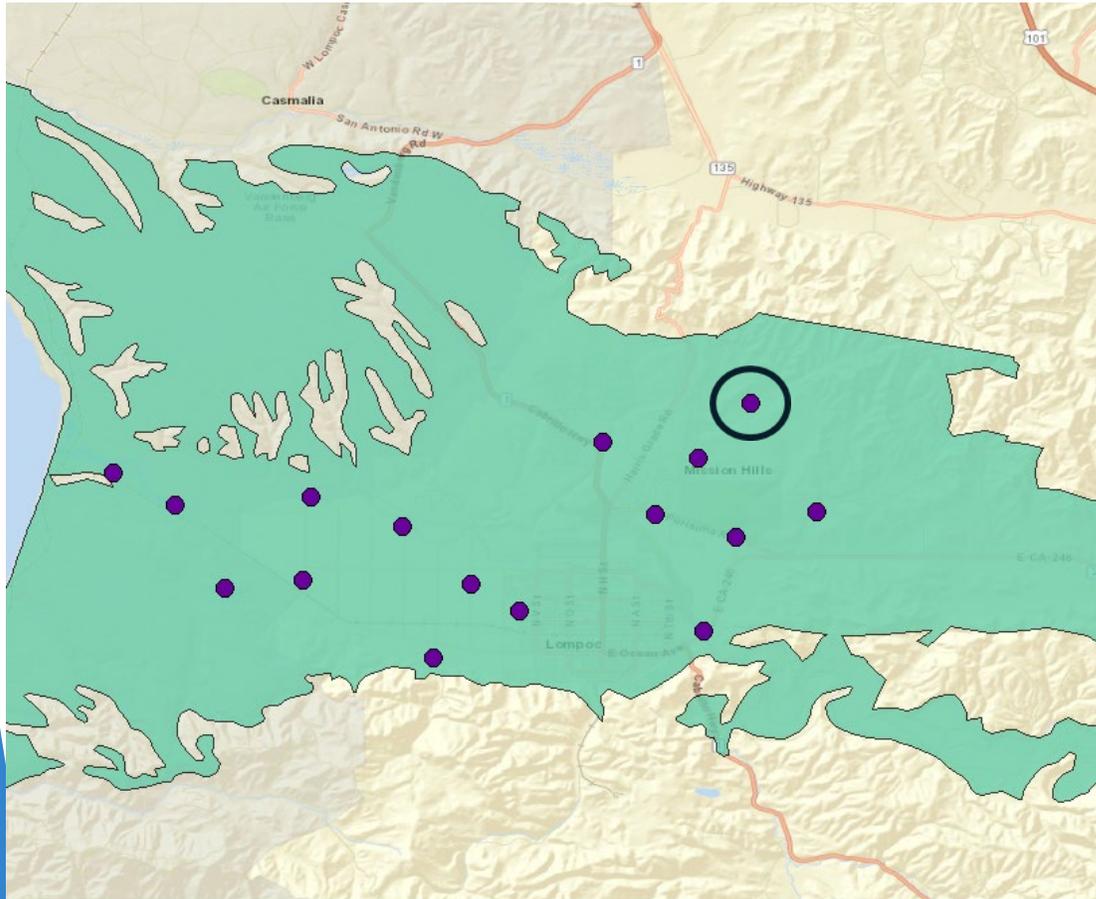
# 3.13 feet

Water Level: 32.39 ft

MT: 20 ft

# SANTA RITA UPLAND

## 7N/33W-21G2

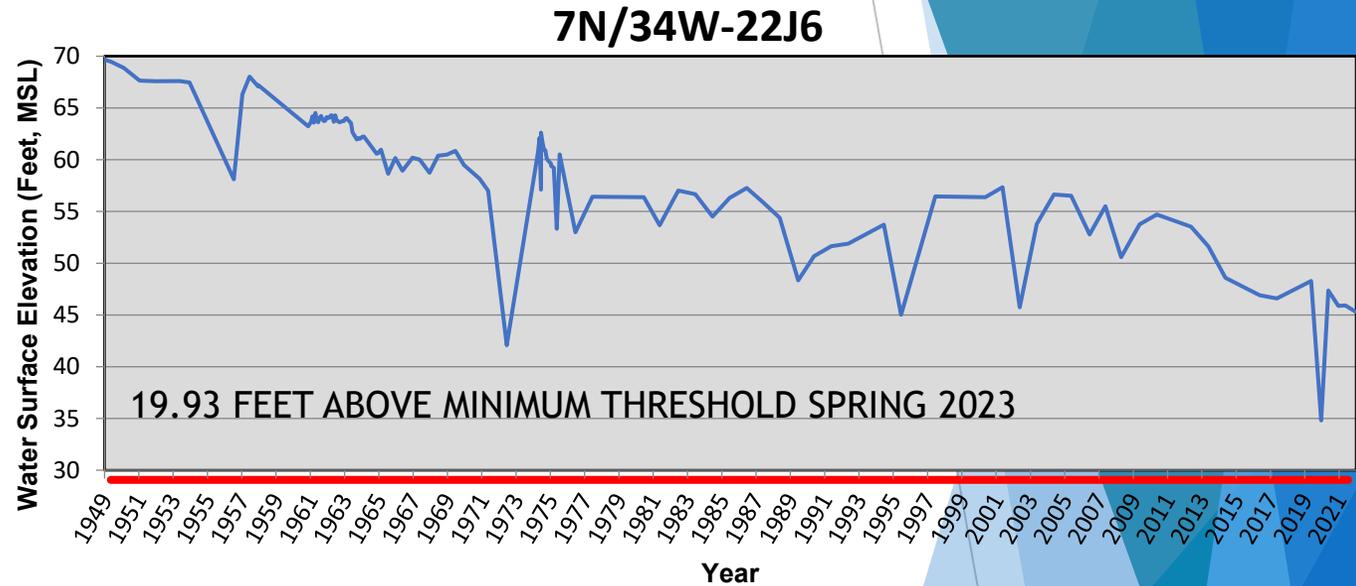
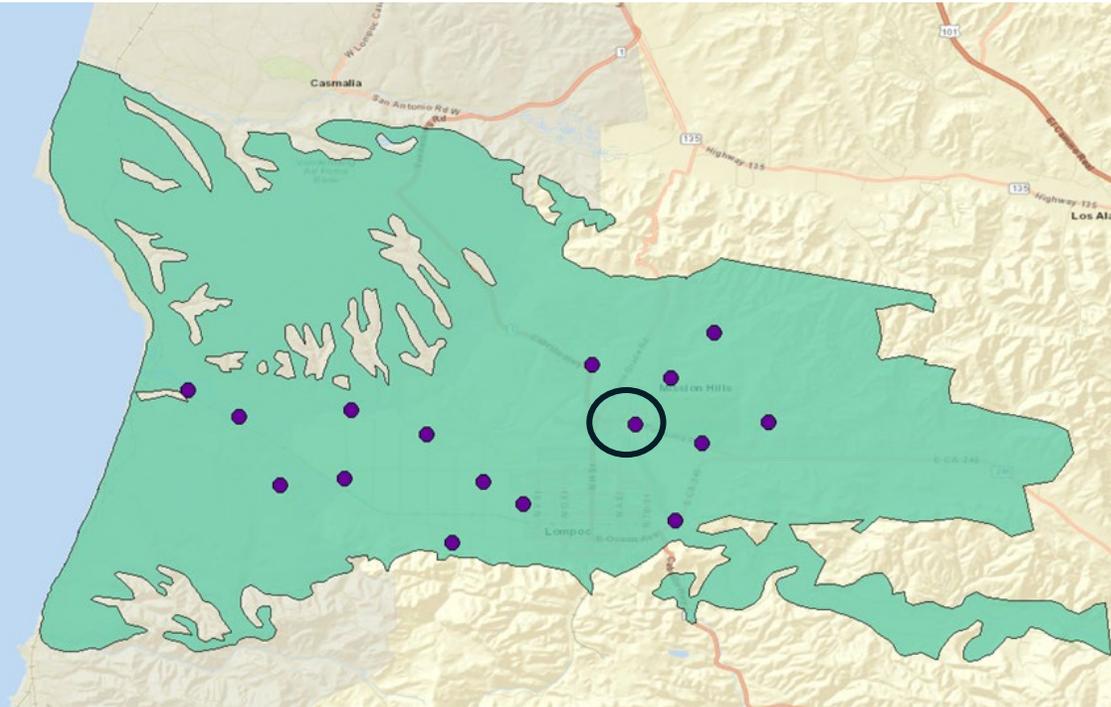


March 2022 to 2023 comparison  
**-0.12 feet**

Water Level: 62.86 ft  
 MT: 46 ft

# LOMPOC PLAIN- CENTRAL AND EASTERN

## 7N/34W-22J6



**MT=28**

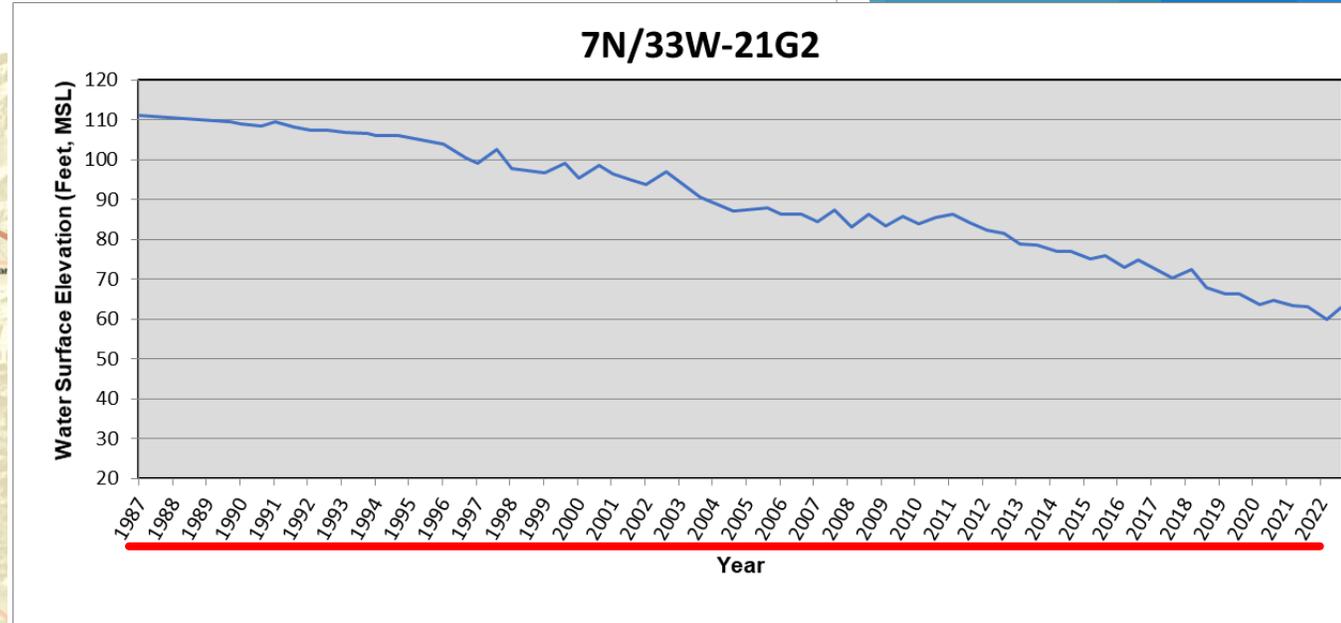
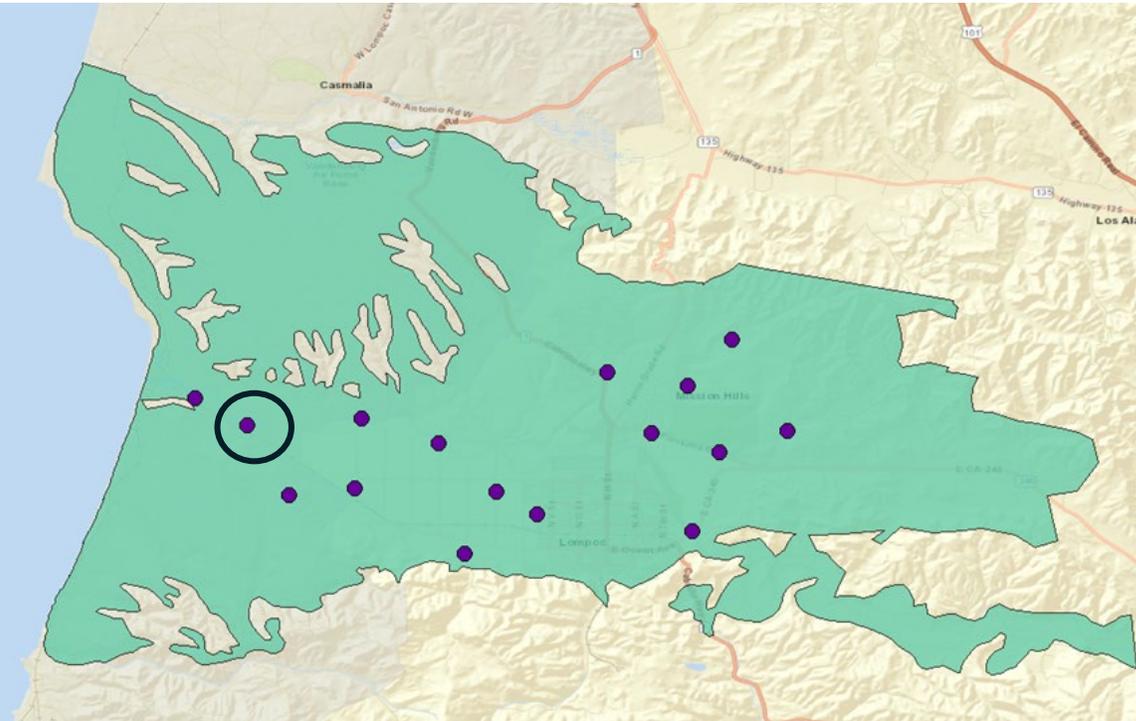
Water Level: 47.93 ft

March 2022 to 2023 comparison

**2.60**

# LOMPOC PLAIN

## 7N/35W-21G2



**MT=0**

Water Level: 10.32 ft

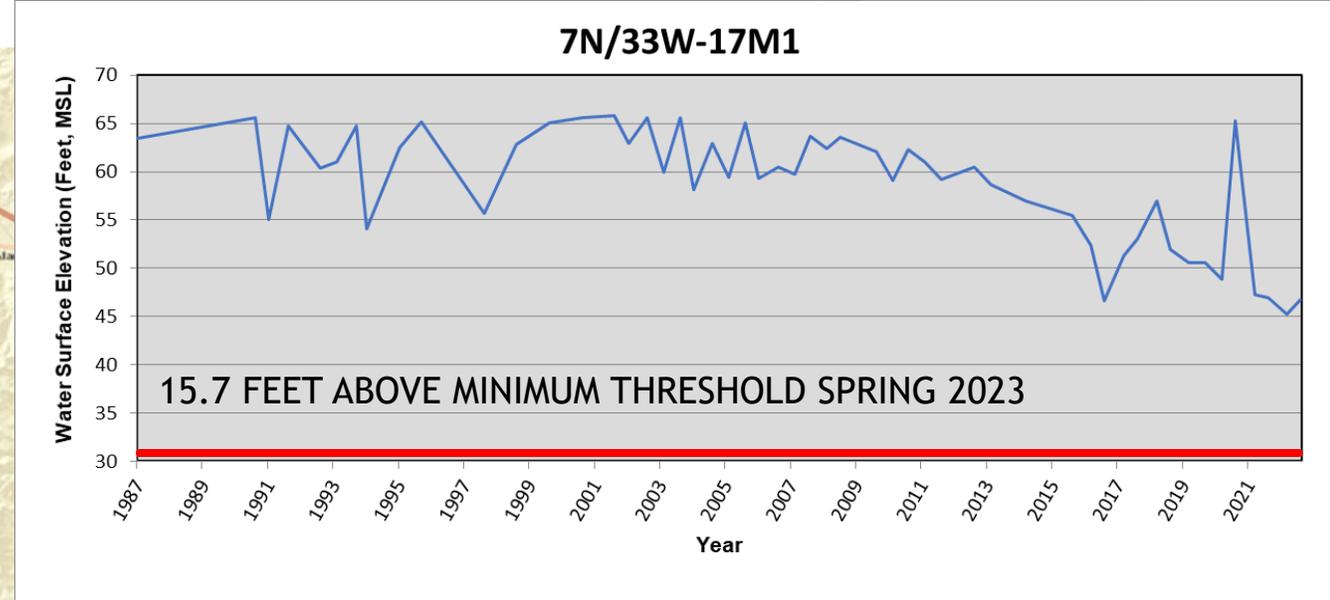
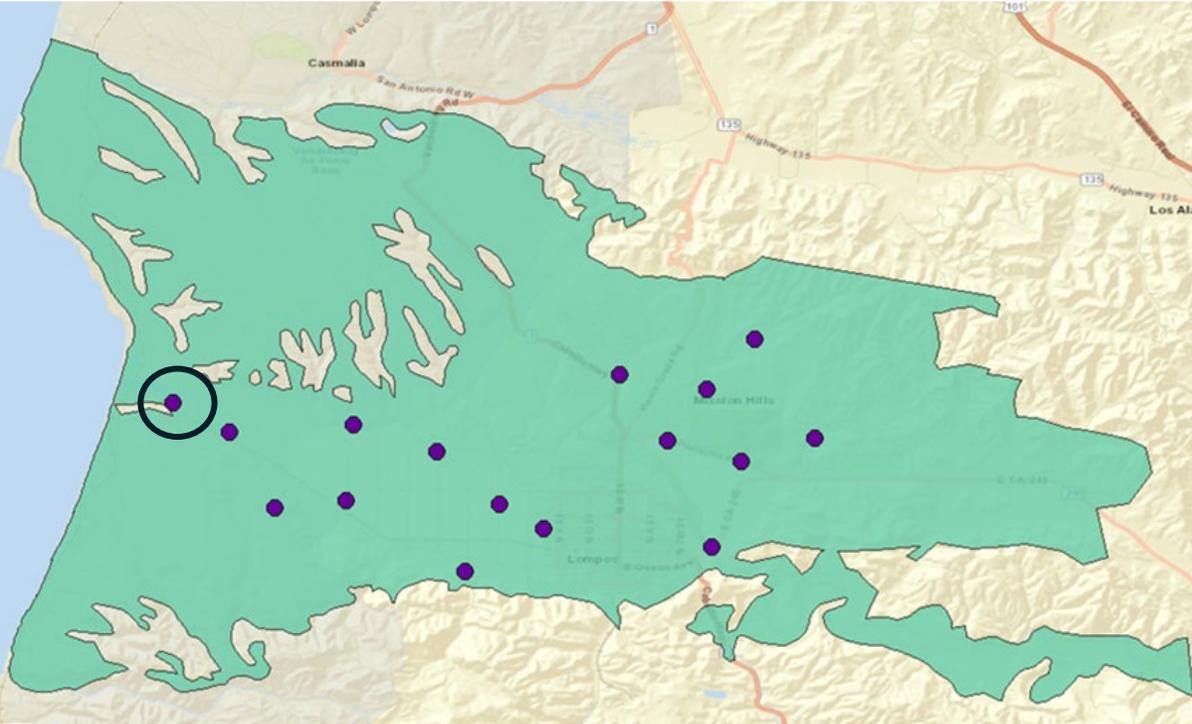
10.32 FEET ABOVE MINIMUM THRESHOLD SPRING 2023

March 2022 to 2023 comparison

**0.13 feet**

# LOMPOC PLAIN

## 7N/33W-17M1



**MT= 31**

Water Level: 46.71 ft

March 2022 to 2023 comparison

**-0.27 feet**

# PRECIPITATION TREND

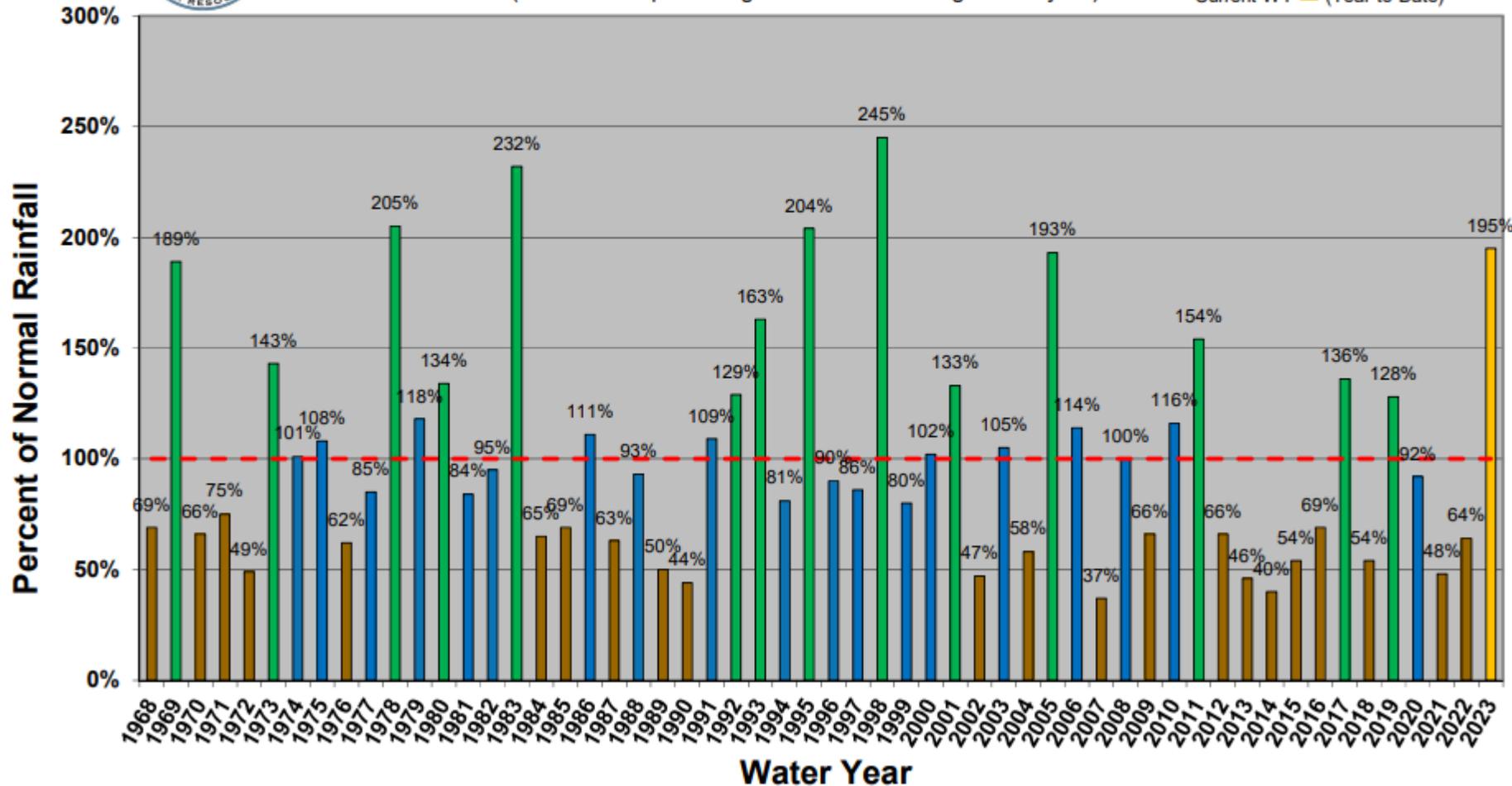


## Countywide Percent-of-Normal Water-Year Rainfall

Updated through April 17, 2023

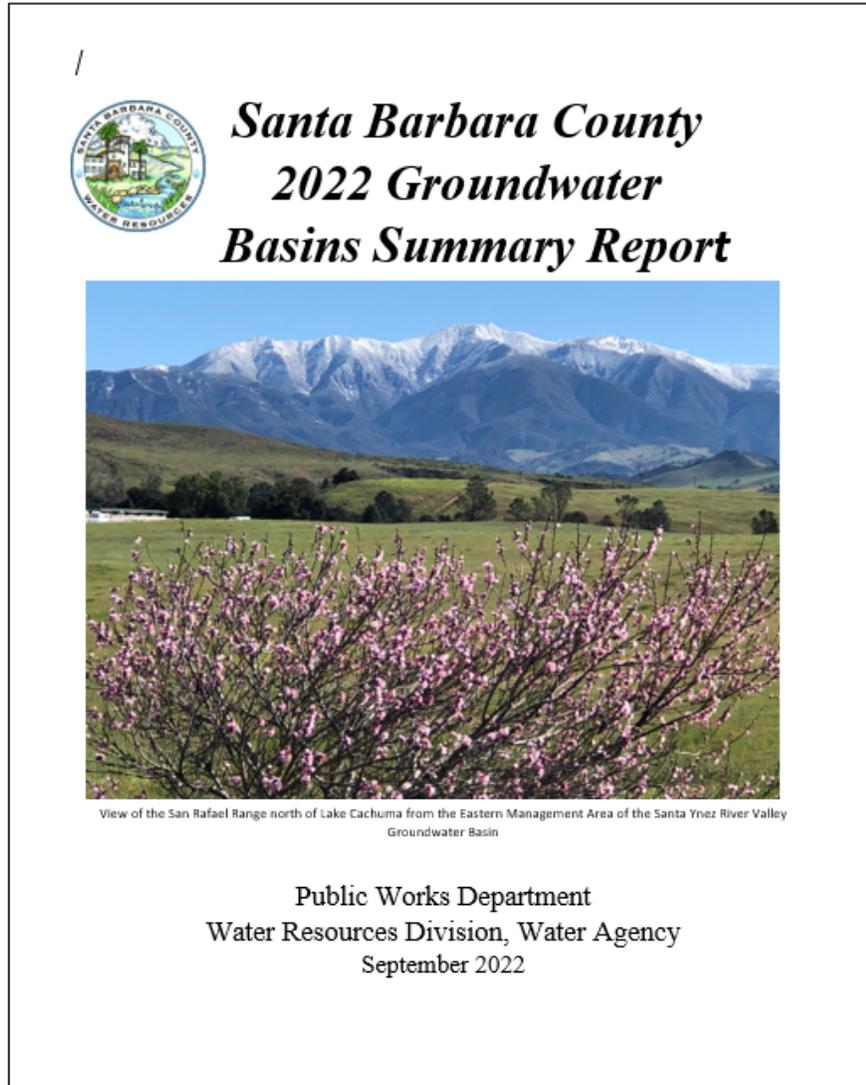
(Rainfall as a percentage of an entire average water-year)

Wet Years (>120% Normal Rain)  
 Dry Years (< 80% Normal Rain)  
 Avg Years (within ±20% Normal)  
 Current WY (Year-to-Date)



Countywide “Normal-to-Date” and “Normal Water-Year” rainfall is currently at 202% and 195%, respectively.

# AVAILABLE BASIN INFORMATION



## GROUNDWATER IN SANTA BARBARA COUNTY

<https://www.countyofsb.org/2523/Groundwater-in-Santa-Barbara-County>

## SANTA YNEZ RIVER VALLEY GROUNDWATER

<https://www.countyofsb.org/2543/Santa-Ynez-River-Valley-Groundwater-Basin>

## GEOLOGY & GROUNDWATER

<https://www.countyofsb.org/2543/Santa-Ynez-River-Valley-Groundwater-Basin>

# QUESTIONS?