



UKIAH VALLEY BASIN GROUNWATER SUSTAINABILITY AGENCY

Regular Meeting AGENDA

County of Mendocino Supervisors Chamber ♦ 501 Low Gap Rd. ♦ Ukiah, CA 95482

To participate or view the virtual meeting, go to the following link: <https://us06web.zoom.us/j/86074412428>

Alternatively, you may view the meeting (without participating) by clicking on the date and name of the meeting at www.cityofukiah.com/meetings, then go to the media tab.

April 10, 2025 - 10:00 AM

1. CALL TO ORDER AND ROLL CALL

2. APPROVAL OF AGENDA

3. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

The Groundwater Sustainability Agency (GSA) Board welcomes input from the audience. If there is a matter of business on the agenda that you are interested in, you may address the Board when this matter is considered. If you wish to speak on a matter that is not on this agenda that is within the subject matter jurisdiction of the GSA Board, you may do so at this time. In order for everyone to be heard, please limit your comments to three (3) minutes per person and not more than ten (10) minutes per subject. The Brown Act regulations do not allow action to be taken on audience comments in which the subject is not listed on the agenda.

4. DISCUSSION AND POSSIBLE ACTION ITEMS

4.a. Update Regarding the City of Ukiah Administration Services Contract.

Recommended Action: Receive Staff's update regarding conflict of interest language incorporated into the fully-executed professional services contract with the City of Ukiah

Attachments:

1. COU UVBGSA Agreement 2425-181 Fully Signed Executed (1)

4.b. Preliminary FY 25/26 Groundwater Sustainability Agency (GSA) Budget Presentation.

Recommended Action: Staff recommends that the Board receive the preliminary FY 25/26 budget presentation and establish a Budget Ad Hoc Committee to finalize the FY 25/26 budget.

Attachments:

1. Preview Preliminary FY25-26 Budget Proposal (1)

4.c. Results and Next Steps Regarding the Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Waters Study Request for Proposals (RFP).

Recommended Action: Direct Staff to proceed with vendor selection with a not-to-exceed threshold pending the results of the competitive bid process.

Attachments:

1. RFP ISW Study FINAL

- 2. Q2496105 Agreement UVGSA Final
- 4.d. Sustainability Groundwater Management Act (SGMA) Facilitation Support Services (FSS) Implementation Service Plan.
Recommended Action: Staff recommends that the Board direct the Technical Advisory Committee (TAC) to re-form the FSS Ad Hoc Committee and engage with Stantec, the firm selected by the Department of Water Resources (DWR) to provide FSS to the Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA/GSA).
 Attachments:
 - 1. ISP79 Ukiah
 - 2. ISP79 Ukiah Recipient
- 4.e. Annual Water Year 2024 Report Results.
Recommended Action: Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA/GSA) Staff and Larry Walker Associates (LWA) will update the Board on the results from Water Year 2024 Annual Report.
 Attachments:
 - 1. FINAL Ukiah Valley Basin WY 2024 Annual Report 2025-03-20

5. CONSENT CALENDAR

The following items listed are considered routine and will be enacted by a single motion and roll call vote by the GSA Board. Items may be removed from the Consent Calendar upon request of a Board Member or a citizen, in which event the item will be considered at the completion of all other items on the agenda. The motion by the Board Members on the Consent Calendar will approve and make findings in accordance with Staff recommendations.

- 5.a. Approval of the Minutes for the January 9, 2025, GSA Regular Meeting.
Recommended Action: Approve the minutes for the January 9, 2025, GSA regular meeting.
 Attachments:
 - 1. 2025-01-09 UVBGSA Draft Minutes

6. STAFF AND PARTNER UPDATES

- 6.a. Updates from General Manager

7. FUTURE AGENDA ITEMS AND SET NEXT MEETING DATE

- 7.a. Discussion and Consideration of Future Agenda Items and Scheduling of Next Meeting Date with Meeting to be Held at the County of Mendocino, Board of Supervisors Chamber, 501 Low Gap Rd., Ukiah, CA 95482, at 10:00 a.m.
Recommended Action: Discuss and get consensus to hold the next regular meeting on the scheduled date of June 12, 2025, at 10:00 a.m., or to schedule another day of the Member's choosing.

8. ADJOURNMENT

Please be advised that the Ukiah Valley Basin Groundwater Sustainability Agency (GSA) Board needs to be notified 24 hours in advance of a meeting if any specific accommodations or interpreter services are needed in order for you to attend. The GSA Board complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Materials related to an item on this Agenda submitted to the GSA Board Members after distribution of the agenda packet are available for public inspection at the front counter at the Ukiah Civic Center, 300 Seminary Avenue, Ukiah, CA 95482, during normal business hours, Monday through Friday, 8:00 am to 5:00 pm. Any handouts or presentation materials from the public must be submitted to the clerk 48 hours in advance of the meeting; for handouts, please include 10 copies.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the bulletin board at the main entrance of the City of Ukiah City Hall, located at 300 Seminary Avenue, Ukiah, California; and at 501 Low Gap Rd., Ukiah, CA 95482; not less than 72 hours prior to the meeting set forth on this agenda.

Kristine Lawler, CMC/CPMC
 Dated: 4/4/25



**UKIAH VALLEY BASIN
GROUNDWATER SUSTAINABILITY AGENCY (GSA)**

STAFF REPORT

SUBJECT: Update Regarding the City of Ukiah Administration Services Contract.

PREPARED BY: Blake Adams, Chief Resiliency Officer

PRESENTER: Blake Adams, General Manager, UVBGSA

ATTACHMENTS:

1. COU UVBGSA Agreement 2425-181 Fully Signed Executed (1)

Summary: Legal counsel was engaged between the January 9, 2025, GSA Board meeting and February 5, 2025, to ensure ample protective language was in place regarding "Conflict of Interest". The City of Ukiah Administration Services Contract conflict of interest language has since been reviewed by legal counsel and resolved, with the City of Ukiah City Council approving of the action to enter into contract at the February 5, 2025, regular meeting of the City of Ukiah City Council. The contract has since been signed and is fully executed as of February 27, 2025, allowing the City of Ukiah to formally take on management of the UVBGSA at that same date.

Background: In an effort to reduce costs and improve local control, the County asked the City of Ukiah if it would be interested in performing administrative services for the GSA. After receiving feedback from City UVBGSA Board Members, the City prepared a proposal and cost estimate. The proposal and cost estimate were presented in concept at the October 10, 2024, GSA board meeting. At that meeting, the UVBGSA Board directed County and City Staff to work together to develop a professional services agreement to perform administrative services for the GSA. Board discussion during the January 9, 2025, regular meeting centered around a "Conflict of Interest". The agreed action was for the GSA legal counsel and the Ukiah Valley Basin GSA to resolve any perceived issues regarding the conflict of interest language and pursue approval by the City of Ukiah City Council, pending final approval by the GSA Board Chair. The language has since been resolved and the City of Ukiah City Council approved of the action to enter into contract at the February 5, 2025, regular meeting of the City of Ukiah City Council. The contract has since been signed and is fully executed as of February 27, 2025, allowing the City of Ukiah to formally take on management of the UVBGSA at that same date.

Discussion: Legal counsel was engaged between January 9, 2025, and February 5, 2025, to ensure ample protective language was in place. COU 2425-181 Language on p. 5-6 now reads as follows: "CONFLICT OF INTEREST: Each Party shall use its best efforts to inform the other Party of any actual or potential conflict of interest in their respective performance under this Agreement of which they become aware and shall endeavor in good faith to 4931-1127-9891.1 014737.001 6 mutually agree on measures to be taken to avoid or mitigate any such conflict that may arise." Furthermore, "In the event of a conflict between the body of this Agreement and any of the Exhibits, the provisions in the body of this Agreement shall control." Lastly, "The obligations of this Agreement, which by their nature would continue beyond the termination on expiration of the Agreement, including without limitation, the obligations regarding Indemnification (paragraph " c"), Ownership of Documents paragraph " g"), and Conflict of Interest (Paragraph " h"), shall survive termination or expiration for two (2) years." Legal counsel has since provided opinion that this language is sufficient.

Recommended Action: Receive Staff's update regarding conflict of interest language incorporated into the fully-executed professional services contract with the City of Ukiah

**UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY
PROFESSIONAL SERVICES AGREEMENT WITH
CITY OF UKIAH
TO PERFORM ADMINISTRATIVE SERVICES**

This Agreement is by and between the UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY, hereinafter referred to as “UVBGSA”, and CITY OF UKIAH, hereinafter referred to as “CITY”, entered into in Ukiah, California on February 13, 2025 (“Effective Date”). UVBGSA and CITY may sometimes hereinafter be referred to as “Party”, or collectively as “Parties”.

RECITALS

WHEREAS, pursuant to Article 5 Section 5.2.7 of the Joint Powers Agreement, adopted on May 10, 2017, forming the Ukiah Valley Basin Groundwater Sustainability Agency (JPA), UVBGSA shall have the power to make and enter into contracts necessary to the full exercise of the Agency’s power; and

WHEREAS, the JPA was established to provide sustainable groundwater management in the Ukiah Valley groundwater basin pursuant to the Sustainable Groundwater Management Act (“SGMA”) (Part 2.74 of the California Water Code); and

WHEREAS, in order to meet the various requirements of a groundwater sustainability agency under the Sustainable Groundwater Management Act (Part 2.74 of the California Water Code) (“SGMA”), UVBGSA is in need of specialized, efficient, and cost-effective administrative services to administer the adopted Ukiah Valley Basin Groundwater Sustainability Plan; and

WHEREAS, in order to function in compliance with applicable law and achieve its objectives, the Parties mutually agree it is in each of their own best interests for CITY to provide such services on the terms and conditions set forth in this agreement, and CITY is willing to provide the same; and

WHEREAS, the Parties are contemplating a subsequent amendment to this Agreement to expand the scope of administrative services provided by CITY to include fiscal responsibilities, such as the CITY assuming responsibility for administering the roles of Treasurer and Controller of the UVBGSA.

NOW, THEREFORE, it is agreed that UVBGSA does hereby retain CITY to provide the administrative services described herein, and CITY accepts such engagements hereinafter specified in this Agreement.

[END OF RECITALS]

AGREEMENT

1. DEFINITIONS: Capitalized terms used in this Agreement shall have the same meaning as provided in Article I of the JPA, unless otherwise specified herein.

2. GENERAL TERMS AND CONDITIONS:

a. TERM: This Agreement shall commence on the Effective Date and remain in effect until terminated by either the Board or the CITY in writing. Termination shall occur not sooner than ninety (90) days after either Party gives written notice of termination. A different termination date may be established by mutual written agreement of the Parties. Upon termination of the Agreement by either Party, the CITY shall fully cooperate in the transition to another means of performing the services provided by CITY under this Agreement, provided that UVBGSAs pays the CITY its actual and reasonable costs of such cooperation. Upon the termination of this Agreement the CITY shall have no authority, responsibility or liability for UVBGSAs continued operations.

b. INDEPENDENT CONTRACTOR:

- i. It is the express intention of the Parties that CITY is an independent contractor and not an employee, joint venturer, or partner of UVBGSAs for any purpose whatsoever. UVBGSAs shall have no right to and shall not control the manner or prescribe the method of accomplishing those services contracted to and performed by CITY under this Agreement, which are not policy decisions or do not require Board approval, and the general public and all governmental agencies regulating such activity shall be so informed.
- ii. Those provisions of this Agreement that reserve ultimate authority in UVBGSAs have been inserted solely to achieve compliance with federal and state laws, rules, regulations, and interpretations thereof. No such provisions and no other provisions of this Agreement shall be interpreted or construed as creating or establishing the relationship of employer and employee between CITY or any of CITYs employees and UVBGSAs.
- iii. CITY shall pay all estimated and actual federal and state taxes that are due the state and federal government and shall furnish and pay worker's compensation insurance, unemployment insurance and any other benefits required by law for its employees.
- iv. CITY agrees to indemnify and hold UVBGSAs and its officers, agents and employees harmless from and against any claims or demands by federal, state or local government agencies for any such taxes or benefits due but

not paid by CITY, including the legal costs associated with defending against any audit, claim, demand or lawsuit.

- v. In carrying out the work contemplated herein, CITY shall comply with all applicable federal and state workers' compensation and liability laws and regulations with respect to the officers, agents and/or employees conducting and participating in the work; and agrees that such officers, agents, and/or employees will be considered CITY's employees and not treated or considered in any way as officers, agents and/or employees of UVBGSА.
- vi. CITY does, by this Agreement, agree to perform its said work and functions at all times in strict accordance with all applicable federal, state and county laws, including ,but not limited to, laws applicable to California general law cities.

c. HOLD HARMLESS AND INDEMNITY:

- i. UVBGSА agrees to defend, indemnify, and save the CITY harmless from and against any and all claims, liability, damages or costs arising out of the decisions or directives of the Board. The CITY agrees to indemnify and defend UVBGSА from and against any claims, liability, damages or costs caused by the negligent acts, errors, omissions or willful misconduct of its officers or employees in performing pursuant to this Agreement, but only in proportion to and to the extent such liability, loss, expense, attorneys' fees, or claims for injury or damages are caused by the CITY's officers, employees, or agents.
- ii. Each Party hereby agrees to defend itself from any claim, action or proceeding by third parties arising out of the acts or omissions of its officers or employees. In such cases, each Party agrees to retain its own legal counsel, bear its own defense costs, and waive its right to seek reimbursement of such costs from each other.
- iii. Notwithstanding the above, where a trial verdict or arbitration award allocates or determines the comparative fault of the Parties, the Parties may seek reimbursement and/or reallocation of defense costs, settlement payments, judgments and awards, consistent with said comparative fault.
- iv. As required by Section 9 herein, the Parties are responsible to provide workers compensation insurance for injuries sustained in the normal course and scope of their respective employees' performance of services. The Parties waive any right of subrogation against each other for any and all

losses sustained by the Parties, subject to such workers compensation coverage.

- v. For purposes of this section, the terms “employee” or “employees” shall refer to and include employees, officers, agents, representatives, or subcontractors.
- vi. Notwithstanding the foregoing subsections i-v, no employee, officer, agent, representative, or subcontractor of any Party shall be considered an “employee” of the other Party for purposes of indemnification.

d. INSURANCE:

- i. Each Party shall be responsible for maintaining a program of insurance that shall cover each Party’s indemnification obligations. Without in any way affecting the indemnity herein provided and in addition thereto, each Party shall secure and maintain throughout the Agreement the following types of insurance, including coverage through a pooled risk joint powers agency with limits as shown.
- ii. Workers’ Compensation. If the Party has employees, a program of Workers’ Compensation Insurance or a state-approved self-insurance program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer’s Liability with \$250,000 limits covering all persons providing services on behalf of each Party and all risks to such persons under this Agreement.
- iii. Comprehensive General and Automobile Liability Insurance: This coverage is to include contractual coverage and automobile liability coverage for owned, hired, and non-owned vehicles. The policy or self-insurance shall have combined single limits for bodily injury and property damage of not less than two million dollars (\$2,000,000.00).
- iv. Additional Named Insured: All policies, and/or memoranda of coverage, except Workers’ Compensation, shall contain additional endorsements naming each Party and its officers, employees, agents and volunteers as additional named insureds with respect to liabilities arising out of each Party’s performance hereunder.
- v. Policies Primary and non-Contributory: All policies required above are to be the primary and non-contributory with any insurance or self-insurance carried or administered by each Party.

e. CONFORMITY WITH LAW AND SAFETY:

- i. In performing services under this Agreement, CITY shall observe and comply with all applicable laws, ordinances, codes and regulations of governmental agencies, including federal, state, municipal, and local governing bodies, having jurisdiction over the scope of services, including all applicable provisions of the California Occupational Safety and Health Act. CITY shall indemnify and hold UVBGSA harmless from any and all liability, fines, and penalties from any of CITY's failure to comply with such laws, ordinances, codes and regulations.
 - ii. Accidents: If a death, serious personal injury or substantial property damage occurs in connection with CITY's performance of this Agreement, CITY shall immediately notify UVBGSA by telephone. CITY shall promptly submit to UVBGSA a written report, in such form as may be required by UVBGSA of all accidents which occur in connection with this Agreement. This report must include the following information: (1) name and address of the injured or deceased person(s); (2) name and address of CITY's sub-contractor, if any; and (3) a detailed description of the accident and whether any of UVBGSA's equipment, tools, material, or staff were involved.
 - iii. CITY further agrees to take all reasonable steps to preserve all physical evidence and information which may be relevant to the circumstances surrounding a potential claim, while maintaining public safety, and to grant to UVBGSA the opportunity to review and inspect such evidence, including the scene of the accident.
- f. TAXES: CITY shall pay all taxes to which it is subject in the course of performing under this Agreement. UVBGSA shall pay taxes imposed on property acquired for it by CITY at the direction or with the approval of the Board or as the Parties otherwise agree with respect to a particular transaction or event.
- g. OWNERSHIP OF DOCUMENTS: CITY hereby assigns UVBGSA an irrevocable license to use any and all proposals, plans, specification, designs, drawings, sketches, renderings, models, reports and related documents (including computerized or electronic copies) prepared by CITY in performing services under this Agreement in which the CITY has any copyright or protected interest. UVBGSA's rights under this paragraph "g" shall not extend to any computer software used to create such Documents and Materials.
- h. CONFLICT OF INTEREST: Each Party shall use its best efforts to inform the other Party of any actual or potential conflict of interest in their respective performance under this Agreement of which they become aware and shall endeavor in good faith to

mutually agree on measures to be taken to avoid or mitigate any such conflict that may arise.

- i. **NOTICES:** All notices, requests, demands, or other communications under this Agreement shall be in writing. Notices shall be given for all purposes as follows:
 - i. **Personal delivery:** When personally delivered to the recipient, notices are effective on delivery.
 - ii. **First Class Mail:** When mailed first class to the last address of the recipient known to the party giving notice, notice is effective three (3) mail delivery days after deposit in a United States Postal Service office or mailbox.
Certified Mail: When mailed certified mail, return receipt requested, notice is effective on receipt, if delivery is confirmed by a return receipt.
 - iii. **Overnight Delivery:** When delivered by overnight delivery (Federal Express/Airborne/United Parcel Service/DHL WorldWide Express) with charges prepaid or charged to the sender's account, notice is effective on delivery, if delivery is confirmed by the delivery service.
 - iv. **Email:** When sent by email, notice is effective on receipt, provided that (a) a duplicate copy of the notice is promptly given by first-class or certified mail or overnight delivery, or (b) the receiving party acknowledges receipt. Any notice given by email shall be deemed received on the date it is received.

When the UVBGSA Board Chair or Counsel changes, the UVBGSA shall promptly notify the CITY in writing of the new contact information for notices purposes.

Addresses for purpose of giving notice are as follows:

To UVBGSA: Ukiah Valley Basin Groundwater Sustainability Agency
Ukiah Civic Center
300 Seminary Ave.
Ukiah, CA 95482
Attn: UVBGSA Board Chair
Email address: _____



UVBGSA Legal Counsel
1331 Garden Highway, 2nd Floor
Sacramento, CA 95833
Attention: Holly Roberson, Shareholder
Email: hroberson@kmtg.com

To CITY: Ukiah Civic Center
300 Seminary Ave.
Ukiah, CA 95482
Attn: City Manager
Email: ssangiacomo@cityofukiah.com

Ukiah City Attorney
Law Offices of Rapport and Marston
405 West Perkins St.
Ukiah, CA 95482
Email: drapport@cityofukiah.com

Any correctly addressed notice that is refused, unclaimed, or undeliverable because of an act or omission of the party to be notified shall be deemed effective as of the first date that said notice was refused, unclaimed, or deemed undeliverable by the postal authorities, messenger, or overnight delivery service. Any Party may change its postal or email address by giving the other Party notice of the change in any manner permitted by this Agreement.

- j. USE OF UVBGSA PROPERTY: CITY shall not use UVBGSA property (including equipment, instruments and supplies) or personnel for any purpose other than in the performance of his/her obligations under this Agreement.
- k. EQUAL EMPLOYMENT OPPORTUNITY PRACTICES PROVISIONS: CITY certifies that it will comply with all applicable federal, state, and local laws, rules and regulations pertaining to nondiscrimination in employment and grant administration. CITY represents that it also has its own equity policies, with which it complies.
- l. AUDITS; ACCESS TO RECORDS: CITY shall make available to UVBGSA, its authorized agents, officers, or employees, for examination any and all ledgers, books of accounts, invoices, vouchers, cancelled checks, and other records or documents evidencing or relating to the expenditures and disbursements charged to UVBGSA, and shall furnish to UVBGSA, within sixty (60) days after examination, its authorized agents, officers or employees such other evidence or information as UVBGSA may require with regard to any such expenditure or disbursement charged by the CITY.

CITY shall maintain full and adequate records of the actual costs incurred by the CITY in the performance of this Agreement. CITY shall retain records in compliance with its records retention schedule from June 5, 2019, and as may be amended from time to time, which were adopted via Resolution 2019-25. CITY shall immediately make such records available to the UVBGSA upon request.

- m. DOCUMENTS AND MATERIALS: CITY shall maintain and make available to UVBGSA for its inspection and use during the term of this Agreement, all Documents and Materials, related to performance of this Agreement. CITY's obligations under the preceding sentence shall continue for four (4) years following termination or expiration of this Agreement or the completion of all work hereunder (as evidenced in writing by UVBGSA or CITY), and CITY shall in no event dispose of, destroy, alter or mutilate said Documents and Materials, for four (4) years following UVBGSA's last payment to CITY under this Agreement. Alternatively, the CITY may furnish all such Documents and Materials to UVBGSA, after which it shall have no further obligation to preserve such records.
- n. TIME OF ESSENCE: Time is of the essence in respect to all provisions of this Agreement that specify a time for performance; provided, however, that the foregoing shall not be construed to limit or deprive a party of the benefits of any grace or use period allowed in this Agreement.
- o. TERMINATION: Either Party may terminate this Agreement for cause upon 60 days written notification to the other Party.
- p. NON-APPROPRIATION: If UVBGSA should fail to appropriate or otherwise fail to make available funds sufficient to compensate the CITY for the agreed upon scope of services in accordance with this Agreement the CITY may suspend this Agreement only upon thirty (30) days written notice to UVBGSA. If the UVBGSA does not cure the insufficient appropriation at its next Board meeting after receipt of the notice of suspension, the CITY may initiate termination proceedings consistent with the terms of this Agreement. Upon termination, UVBGSA shall remit payment for all products and services delivered to UVBGSA and all expenses incurred by CITY prior to UVBGSA's receipt of the notice of suspension. Notice shall be deemed effective upon receipt.
- q. CHOICE OF LAW: This Agreement, and any dispute arising from the relationship between the Parties to this Agreement, shall be governed by the laws of the State of California, excluding any laws that direct the application of another jurisdiction's laws.
- r. VENUE: All lawsuits relating to this contract must be filed in Mendocino County Superior Court, Mendocino County, California, subject to the provisions of California Code of Civil Procedure section 394. If either Party exercises its right

under Section 394 to transfer the case to a neutral county, *in lieu* thereof, the Parties agree to request the appointment of an out of county Judge to hear the case in Mendocino County.

- s. WAIVER: No waiver of a breach, failure of any condition, or any right or remedy contained in or granted by the provisions of this Agreement shall be effective unless it is in writing and signed by the Party waiving the breach, failure, right or remedy. No waiver of any breach, failure, right or remedy shall be deemed a waiver of any other breach, failure, right or remedy, whether or not similar, nor shall any waiver constitute a continuing waiver unless the writing so specifies.
- t. ADVERTISING OR PUBLICITY: CITY shall not use the name of UVBGSA, its officers, directors, employees or agents, in advertising or publicity releases or otherwise without securing the prior written consent of UVBGSA. For the avoidance of doubt, this term does not preclude the CITY from providing information about the UVBGSA on the CITY's website, including the CITY's role as a member and in providing services under this Agreement.
- u. ENTIRE AGREEMENT: This Agreement, including all attachments, exhibits, and any other documents specifically incorporated into this Agreement, shall constitute the entire agreement between UVBGSA and CITY relating to the subject matter of this Agreement. As used herein, Agreement refers to and includes any documents incorporated herein by reference and any exhibits or attachments. This Agreement supersedes and merges all previous understandings, and all other agreements, written or oral, between the Parties and sets forth the entire understanding of the Parties regarding the subject matter thereof. This Agreement may not be modified except by a written document signed by both Parties. In the event of a conflict between the body of this Agreement and any of the Exhibits, the provisions in the body of this Agreement shall control.
- v. HEADINGS: Herein are for convenience of reference only and shall in no way affect interpretation of this Agreement.
- w. MODIFICATION OF AGREEMENT: This Agreement may be supplemented, amended or modified only by the mutual agreement of the Parties. No supplement, amendment or modification of this Agreement shall be binding unless it is in writing and signed by authorized representatives of both Parties.
- x. ASSURANCE OF PERFORMANCE: If at any time UVBGSA has good objective cause to believe CITY may not be adequately performing its obligations under this Agreement or that CITY may fail to complete the Services as required by this Agreement, UVBGSA may request from CITY prompt written assurances of performance and a written plan acceptable to UVBGSA, to correct the observed deficiencies in CITY's performance. CITY shall provide such written assurances and

written plan within thirty (30) calendar days of its receipt of UVBGSA's request and shall thereafter diligently commence and fully perform such written plan. CITY acknowledges and agrees that any failure to provide such written assurances and written plan within the required time is a material breach under this Agreement.

- y. **SUBCONTRACTING/ASSIGNMENT:** CITY shall not subcontract, assign or delegate any portion of this Agreement or any duties or obligations hereunder without UVBGSA's prior written approval.
 - i. Neither Party shall, on the basis of this Agreement, contract on behalf of or in the name of the other Party. Any agreement that violates this Section shall confer no rights on any Party and shall be null and void.
 - ii. CITY shall remain fully responsible for compliance by its subcontractors with all the terms of this Agreement, regardless of the terms of any agreement between CITY and its subcontractors.
- z. **SURVIVAL:** The obligations of this Agreement, which by their nature would continue beyond the termination or expiration of the Agreement, including without limitation, the obligations regarding Indemnification (paragraph "c"), Ownership of Documents (paragraph "g"), and Conflict of Interest (Paragraph "h"), shall survive termination or expiration for two (2) years.
- aa. **SEVERABILITY:** If a court of competent jurisdiction holds any provision of this Agreement to be illegal, unenforceable, or invalid in whole or in part for any reason, the validity and enforceability of the remaining provisions, or portions of 12 of them, will not be affected, unless an essential purpose of this Agreement would be defeated by the loss of the illegal, unenforceable, or invalid provision.
- bb. **INTELLECTUAL PROPERTY WARRANTY:** To the best of its knowledge, the CITY represents that it has secured all rights and licenses necessary for any and all materials, services, processes, software, or hardware ("CITY PRODUCTS") to be provided or used by CITY in the performance of this AGREEMENT.
- cc. **ELECTRONIC COPIES:** The Parties agree that an electronic copy, email, or scanned copy of the executed Agreement, shall be deemed, and shall have the same legal force and effect as, an original document.
- dd. **COOPERATION WITH UVBGSA:** CITY shall cooperate with UVBGSA and UVBGSA staff in the performance of all work hereunder.
- ee. **PERFORMANCE STANDARD:** CITY shall perform all services hereunder in a manner consistent with the level of competency, care and skill ordinarily exercised by a person practicing in CITY's position under similar circumstances at the same time ("Standard of Care"). UVBGSA has relied upon the professional ability and training

of CITY personnel as assigned to perform the CITY's obligations under this Agreement as a material inducement to enter into this Agreement. CITY hereby agrees to provide all services under this Agreement in accordance with and Standards of Care, as well as the requirements of applicable federal, state, and local laws, it being understood that acceptance of CITY's work by UVBGSA shall not operate as a waiver or release. If UVBGSA determines that any of CITY's work is not in accordance with such level of competency and Standard of Care, UVBGSA, in its sole discretion, shall have the right to do any or all of the following: (a) require CITY to meet with UVBGSA to review the quality of the work and resolve matters of concern; (b) require CITY to repeat the work at no additional charge until it is satisfactory; or (c) terminate this Agreement pursuant to the provisions of paragraph "o" (Termination) or (d) pursue any and all other remedies at law or in equity.

- ff. **ALTERNATIVE DISPUTE RESOLUTION:** If a dispute arises out of or relates to this Agreement, or the alleged breach thereof ("Dispute"), the Parties mutually agree to act in good faith and to the best of their ability to take part and cooperate in the following three-step dispute resolution process, provided, however, that neither Party waives any provision of the California Tort Claims Act:
- i. **STEP ONE—NEGOTIATION:** Upon written notice of any Dispute that arises out of or relates to CITY's obligations to provide administrative services as described herein, the Parties shall attempt to resolve it promptly by negotiations between the Parties who have authority to settle the Dispute. This process should be completed within 30 days of such written notice ("Negotiation").
 - ii. **STEP TWO—MEDIATION:** If the Dispute cannot be resolved through Negotiation, the Parties agree first to make a good faith attempt to resolve the Dispute by mediation lasting at least one day before resorting to arbitration, litigation or any other dispute resolution procedure ("Mediation"). The process shall be confidential based on terms acceptable to the mediator.
 - iii. **STEP THREE—ARBITRATION:** Any Dispute not resolved through Negotiation or Mediation in accordance with Steps 1 and 2 shall be resolved by final and binding arbitration pursuant to the provisions of California Code of Civil Procedure, Section 1280 et seq.. The Parties understand that arbitration is final and binding and that they are waiving their rights to other resolution processes such as court action, which may provide a right to a jury trial and the opportunity to take witness testimony prior to such a proceeding, or administrative proceeding.

gg. **ATTORNEYS' FEES:** In any action to enforce or interpret the terms of this agreement, including but not limited to any action for declaratory relief, each Party shall be solely responsible for and bear its own attorneys' fees, regardless of which Party prevails.

3. GENERAL MANAGER SERVICES: Commencing on the Effective Date of this Agreement, CITY shall serve as the General Manager of the UVBGSA. In keeping with section 13.1 of the JPA, the Board will appoint _____ as General Manager. The holder of that position will remain the General Manager until the Board, with the agreement of the CITY's City Manager, makes a different appointment with written consent of the Board. The General Manager shall provide the following administrative services:

a. FISCAL AND CONTRACT MANAGEMENT:

- i. Prior to the commencement of each Fiscal Year, present a preliminary budget to the Board for consideration and by no later than June 15, submit a final budget for approval by the Board. The Parties may agree in writing and by mutual consent to alter this schedule.
- ii. Contract management, including vendor procurement and development and management of vendor and CITY contracts.
- iii. Invoice management, including monthly review and processing of vendor and CITY invoices.

b. PERFORM THE DUTIES OF THE GENERAL MANAGER TO THE UVBGSA:

- i. Prepare meeting materials including Board packets, staff reports, PowerPoint slide decks, and coordination of consultant deliverables for Board, Ad Hoc, and Technical Advisory Committee ("TAC") meetings.
- ii. Attend and facilitate four quarterly Board meetings and four quarterly TAC meetings per year.
- iii. Perform follow-up activities from Board meetings and TAC meetings to implement direction given by the Board or TAC.

c. PERFORM THE DUTIES OF CLERK TO THE BOARD:

- i. Preparation of meeting notices and agendas in compliance with the Brown Act, for legal counsel review as needed.
- ii. Preparation of action minutes from the meetings and other documents requiring Board approval.

- iii. Performing follow-up administrative tasks, including posting information to the UVBGSA website and implementing direction given by Board and committee members.
 - iv. Act as the custodian of UVBGSA records created after the Effective Date and secure documents existing prior to the Effective Date that can be reasonably located, with copies to legal counsel.
- d. PROVIDE STAFF SERVICES FOR TECHNICAL ADVISORY COMMITTEE (TAC) MEETINGS:
- i. Prepare meeting materials, including preparation and posting of agendas and agenda materials in compliance with the Brown Act.
 - ii. Attend meetings and provide clerical services during the meeting, including recordation of the meetings, record actions taken, manage remote participation, if available via Zoom or similar technology.
 - iii. Follow-up administrative tasks, including preparation of action minutes.
- e. OVERSEE GROUNDWATER SUSTAINABILITY PLAN (“GSP”) IMPLEMENTATION:
- i. Direct technical Consultants, including management of each of the UVBGSA’s technical Consultants assigned to perform specific GSP implementation tasks. Work with technical consultants, including, but not limited to, Larry Walker and Associates, Hansford Environmental Consulting, Mendocino County Resource Conservation District, and the California Land Steward Institute. Prepare or oversee the 5-year update to the GSP.
 - ii. Review well permit applications and coordinate with the county as needed.
 - iii. Miscellaneous support for meetings, as necessary.
 - iv. Annual report and project management action (“PMA”) coordination, including oversight of the technical Consultant hired by UVBGSA who is responsible to prepare the annual report and develop an implementation plan for future PMAs.
 - v. Coordination with the UVBGSA’s legal counsel, including support to and coordination with UVBGSA legal counsel on all legal matters related to the UVBGSA, including, but not limited to, Form 700 compliance, coordinating compliance with executive orders, state and federal law and policy,

resolution development, required trainings for Board members, contracting, and, in consultation with UVBGSA legal counsel, answering legal questions from the Board.

f. STAKEHOLDER OUTREACH AND COMMUNICATION:

- i. External communications, including reviewing and responding to public inquiries by email and phone.
- ii. Develop outreach materials, including preparing materials to facilitate stakeholder outreach and communications.
- iii. Conduct outreach meetings, as necessary, to communicate important UVBGSA activities.

g. WEBSITE AND EMAIL MAINTENANCE, including the direct costs and associated administrative effort to maintain the website hosting plan, UVBGSA email account, and phone service hosting.

h. ADMINISTRATION AND MANAGEMENT OF RATE AND FEE STUDY IMPLEMENTATION:

- i. Support and coordination for rate and fee implementation, including coordination with and support to UVBGSA CITY on the fee implementation, non-appeal related corrections in billings, coordinating with the county as necessary, and coordinating with water purveyors.
- ii. Appeals, including administrative work to support the fee appeal process, in coordination with the fee consultant and legal counsel, as necessary.
- iii. Direct billing of annual fees.

i. GRANT ADMINISTRATION, including all coordination and administrative duties associated with grant management, billing, and reporting. Coordinate with legal counsel on grant compliance as needed. If directed by the Board, research grant opportunities for the UVBGSA, apply for grants, and manage funded grants.

4. OTHER SERVICES: When mutually agreed by the Parties as directed by the Board via Resolution, and/or by an amendment to this Agreement, CITY will provide Other Services to UVBGSA including other professional services as agreed upon pursuant to such subsequent agreements.

5. PAYMENT FOR SERVICES PROVIDED PURSUANT TO THIS AGREEMENT:


- a. **ANNUAL COMPENSATION:** The annual UVBGSA budget proposed by the CITY and approved by the Board shall include compensation to the CITY for the services provided under Section 2 of this Agreement.

Within thirty (30) days after the end of each quarter of the Fiscal Year, UVBGSA will remit twenty-five (25%) percent of the annual budgeted Compensation to the CITY and any additional amount needed if the budgeted amount is amended by the Board.

- b. **TIME TRACKING:** The CITY shall implement a “project code” for time spent on implementation of the tasks it performs pursuant to this Services Agreement on an hourly basis. The CITY and the Board shall review the quarterly payments once per year to determine if the costs are exceeding the budgeted amount, and to determine if a budget amendment is necessary.

- c. **PAYMENT FOR OTHER SERVICES:** Unless a different rate is stipulated at the time, if Other Services are requested by UVBGSA, the CITY will charge UVBGSA for staff services according to the CITY’s Charge Out Rate Schedule which is updated annually, or at the same rate that it pays for such services to outside third parties. The CITY will bill for these services on a quarterly basis and payment for the services provided in any quarter is due no later than thirty (30) days after presentation of such quarterly invoice to the UVBGSA Board, and approval by the Board, at a regularly scheduled Board meeting. The CITY will also be eligible for any dedicated administration reimbursements from grants awarded to the UVBGSA that are allowable expenses in the administration of activity delivery for the corresponding grant, except to the extent the annual UVBGSA budget compensated the CITY for services covered by said administration reimbursements.

CITY OF UKIAH

By: 

Date: 02/25/2025

Sage Sangiacomo, City Manager, City of Ukiah

UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY

By: 

Date: 02/25/2025

Blake Adams, General Manager
Ukiah Valley Basin Groundwater Sustainability Agency

APPROVED AS TO FORM

By: 

Holly Roberson, General Counsel
Ukiah Valley Basin Groundwater Sustainability Agency

APPROVED AS TO FORM

By: 

David Rapport
City of Ukiah City Attorney



**UKIAH VALLEY BASIN
GROUNDWATER SUSTAINABILITY AGENCY (GSA)**

STAFF REPORT

SUBJECT: Preliminary FY 25/26 Groundwater Sustainability Agency (GSA) Budget Presentation.

PREPARED BY: Blake Adams, Chief Resiliency Officer

PRESENTER: Blake Adams, General Manager, UVBGSA

ATTACHMENTS:

1. Preview Preliminary FY25-26 Budget Proposal (1)

Summary: GSA Staff have worked with West Yost Associates to develop a preliminary, proposed GSA budget for fiscal year 2025-2026. The proposed FY 2024/2025 budget is summarized below.

Background: The proposed income from this budget was set at \$646,380, representing a 7.7% increase year over year. The budget also includes estimates for cash balances that carry into this budget from the FY 2024/2025 that are available to meet expenses and establish reserves. A detailed review will need to be conducted by Staff and the Ad Hoc Committee of upcoming expenses for the GSA with support from West Yost Associates during this transition. The proposed expenses were limited to those necessary to perform essential functions of the GSA. The proposed FY2024/2025 Budget anticipates the following tasks: administering the GSA, including groundwater sustainability fee assessment, holding Board and Technical Advisory Committee public meetings, implementation activities of the Groundwater Sustainability Plan (GSP), maintenance of monitoring network instrumentation, preparing an annual report, and managing ongoing agency operations.

Discussion: The GSA anticipates collecting \$646,380 in GSA fee revenue in addition to an opening cash balance estimated at \$185,320, \$1,135,460 in expenses (which is inclusive of new \$471,700 in CDFW grant funds), and an estimated \$177,922 in net total cash at the end of FY 2024/2025.

Recommended Action: Staff recommends that the Board receive the preliminary FY 25/26 budget presentation and establish a Budget Ad Hoc Committee to finalize the FY 25/26 budget.

	FY24/25 Budget	Preliminary FY25/26 Budget
Income		
Regular GSA Member Contributions	\$-	\$-
FY-End Reserve	\$91,237	\$218,500
Grants (CDFW)	\$214,615	\$471,700
Additional GSA Member Contributions	\$-	\$-
GSA Fee Revenue	\$600,000	\$646,380
Bad Debt / Delinquencies / Appeals	\$(15,990)	\$(15,800)
Total Income	\$889,862	\$1,320,780
Expenses		
GSA Administration	\$140,515	\$138,900
County Admin (CoM)	\$5,200	\$5,500
Board / TAC Meetings (CoU)	\$45,665	\$42,000
Insurance (GSMRA)	\$2,600	\$2,800
Legal (KMTG)	\$43,250	\$45,000
Fee Program Administration (CoU)	\$16,800	\$7,600
Levy Administration (HEC)		\$24,000
County Fee Costs (CoM)	\$12,000	\$12,000
Administration Staffing Transition (WY)	\$15,000	\$-
PMA Administration	\$80,200	\$82,000
GSP Implementation Oversight (CoU)	\$24,000	\$10,600
Rate and Fee Support (CoU)	\$-	\$-
Contracts/Fiscal Management (CoU)	\$33,000	\$20,200
Miscellaneous	\$-	\$-
Outreach, Engagement and Annual Workshops (CoU)	\$8,700	\$3,700

Grant Writing (CoU)	\$-	\$-
Grant Administration (CoU)*	\$12,000	\$45,000
Website/Email (CoU)	\$2,500	\$2,500
GSP Implementation	\$125,250	\$132,900
Annual Reporting (LWA)	\$20,800	\$25,000
Technical Support (LWA + MCRCD)	\$54,200	\$56,400
As-needed Technical Support (LWA)	\$20,000	\$20,000
Monitoring/Data Collection (LWA + MCRCD)	\$30,250	\$31,500
Well Telemetry (LWA)	\$-	\$-
Project & Management Actions	\$365,975	\$781,660
<i>Periodic Evaluation Model Updates</i>	\$31,200	\$89,520
<i>Rate and Fee Study (HEC)</i>	\$40,000	\$-
<i>Fee Study Updates</i>	\$-	\$-
<i>GSP Periodic Evaluation</i>	\$51,600	\$168,240
<i>Well Inventory Study</i>	\$40,560	\$97,200
<i>Recharge Master Plan</i>	\$-	\$-
<i>Interconnected SW-GW Study*</i>	\$202,615	\$426,700
<i>Strategic Action and Funding Plan</i>	\$-	\$-
Total Expenses	\$711,940	\$1,135,460
Net Income	\$177,922	\$185,320
Net Total Cash	\$177,922	\$185,320

* Grant Reimbursible



**UKIAH VALLEY BASIN
GROUNDWATER SUSTAINABILITY AGENCY (GSA)**

STAFF REPORT

SUBJECT: Results and Next Steps Regarding the Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Waters Study Request for Proposals (RFP).

PREPARED BY: Blake Adams, Chief Resiliency Officer

PRESENTER: Blake Adams, General Manager, UVBGSA

ATTACHMENTS:

1. RFP ISW Study FINAL
2. Q2496105 Agreement UVGSA Final

Summary: In September 2024, the Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA/GSA) was awarded the fully requested amount of \$1.36 million to carry out a study of groundwater dependent ecosystems and ISW in the Upper Russian River. The California Department of Fish and Wildlife (CDFW) and the GSA established a grant agreement in January 2025, and on March 5, 2025, the GSA released a Request for Proposals (RFP) to select a consultant team to carry out the project work. The response period for the RFP closed as of April 7, 2025.

Background: The project will characterize surface and groundwater interconnection and groundwater-dependent ecosystems that support Chinook salmon and steelhead in the upper Russian River and its fish bearing tributaries within the Ukiah Valley Basin and adjacent watersheds. Geochemical, biological, and physical monitoring will be combined with hydrological modeling to characterize the spatial extent and timing of interconnection under management, climate scenarios, and ecosystem impacts. This Project will allow proactive recommendations to be made to improve ecosystem outcomes, benefit instream flows, and support salmonids within the basin. The results of this Project will guide water resource management and conservation land acquisitions.

The UVBGSA submitted a grant application to the CDFW Watershed Grants Program in October 2023 to fund the Groundwater Dependent Ecosystem and Interconnected Surface Waters (GDE/ISW) study (Study) described in this RFP. The UVBGSA received notice of the award of the grant in September 2024. This project aims to fill critical data gaps regarding timing and extent of interconnection along the Russian River mainstem and key tributaries, as well as spatial extent of groundwater dependent ecosystems and environmental beneficial users in the Basin. The resulting data will be used to close critical data gaps identified in the Groundwater Sustainability Plans (GSP), update the Ukiah Valley Integrated Hydrological Model (UVIHM), inform SMC revisions and would address two of the five recommended corrective actions cited in Department of Water Resources (DWR)'s Groundwater Sustainability Plan (GSP) Assessment Staff Report. In September 2024, the GSA was awarded the fully requested amount of \$1.36 million to carry out a study of groundwater dependent ecosystems and ISW in the Upper Russian River.

Discussion: If more than one proposal was submitted, then the solicitation process would be considered "competitive" and would require a vendor selection committee to convene to evaluate which proposal was best in terms of cost, past performance, and experience. However, if only a single proposal was received, Staff would ask the Board to approve of the GSA to begin the formal process to enter into contract the lone bidder with a not-to-exceed threshold of \$1.36 million or at the dollar value of the bid (whichever is lower). Staff will provide more information during the April 10, 2025, Board meeting regarding the number of total bids received as of April 7, 2025.

Recommended Action: Direct Staff to proceed with vendor selection with a not-to-exceed threshold pending the results of the competitive bid process.

**UKIAH VALLEY BASIN GROUNDWATER
SUSTAINABILITY AGENCY**

2235 Mercury Way, Suite 105, Santa Rosa, CA 95407 ♦ 707-370-4170

REQUEST FOR PROPOSAL (RFP)

**UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY
UPPER RUSSIAN RIVER GROUNDWATER DEPENDENT ECOSYSTEM AND
INTERCONNECTED SURFACE WATERS STUDY**

RFP No.	UVBGS 25-01
RFP Issue Date:	March 6, 2025
RFP Submission Deadline:	April 7 2025
Issued by:	Harry Starkey

REQUEST FOR PROPOSAL

Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Water Study

UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY

RFP No.	UVBGSA 25-01
RFP Issue Date:	March 6, 2025
RFP Submission Deadline:	April 7, 2025

I. INTENT

This Request for Proposal (RFP) announces the intent of the Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA) to procure the services of qualified consultants and/or a firm, with experience in the analysis of groundwater dependent ecosystems and interconnected surface waters for the Upper Russian River watershed of the Ukiah Valley groundwater basin.

II. DEFINITIONS

UVBGSA – The Ukiah Valley Basin Groundwater Sustainability Agency.

SGMA – Sustainable Groundwater Management Act

VENDOR – A person, partnership, firm, corporation, or joint venture submitting a proposal to obtain a UVBGSA contract.

CONTRACTOR – A vendor who signs a contract with the UVBGSA to perform services.

CDFW – California Department of Fish and Wildlife

GDE/ISW – Groundwater Dependent Ecosystem and Interconnected Surface Waters.

III. BACKGROUND

The Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA) is the sole Groundwater Sustainability Agency (GSA) for the Ukiah Valley Groundwater Basin (Basin) located in Mendocino County. UVBGSA consists of the County of Mendocino, the City of Ukiah, the Upper Russian River Water Agency, and the Russian River Flood Control and Water Conservation Improvement District (RRFC). The Board of the UVBGSA also includes representation from Agricultural interests and Tribal Government. The UVBGSA developed its Groundwater Sustainability Plan (GSP) per SGMA. The purpose of the GSP is to provide a roadmap of the process to achieve sustainable groundwater management, as defined by SGMA, in the Basin. The GSP is an evolving and growing document and this effort seeks to improve the overall understanding between surface waters and groundwater in the Basin. The GSP was approved by DWR in July 2023.

Groundwater is a key driver of economic activity within California and supports nearly one-third of all activities within the state including a robust agricultural industry, to which Mendocino County contributes 320 million dollars of agricultural products as of 2018. The Basin is in the southeast corner of Mendocino County and is home to the City of Ukiah, the County seat. The Basin as of 2010 had a population of 32,262 people. In normal years, the primary sources of water in the Basin are diversions of surface water from the Russian River and releases from Lake Mendocino; rainfall, and the remaining demand is supplied from groundwater. There has been no chronic decline noted in the groundwater levels of the Basin even after extensive use during drought years. The majority of water in the Basin is supplied in normal years from the Russian River and distributed by a few major water purveyors that also operate pumping and recharge facilities. The work done by the UVBGSA safeguards water supply and water quality within the Basin; however, the location of the Basin as part of the Upper Russian River Watershed puts it in a position to protect downstream groundwater and overall water system health not only for Mendocino County but also for Sonoma and Napa Counties.

The project described in this RFP will characterize surface and groundwater interconnection and groundwater-dependent ecosystems that support Chinook salmon and steelhead in the upper Russian River and its fish bearing tributaries within the Ukiah Valley Basin and adjacent watersheds. Geochemical, biological, and physical monitoring will be combined with hydrological modeling to characterize the spatial extent and timing of interconnection under management, climate scenarios, and ecosystem impacts. This Project will allow proactive recommendations to be made to improve ecosystem outcomes, benefit instream flows, and support salmonids within the basin. The results of this Project will guide water resource management and conservation land acquisitions. The UVBGSA submitted a grant application to the CDFW Watershed Grants Program in October 2023 to fund the GDE/ISW study (Study) described in this RFP. The UVBGSA received notice of the award of the grant in September 2024.

IV. OBJECTIVES, SCOPE OF WORK, DELIVERABLES, & MATERIALS AND EQUIPMENT

Objectives: This Project seeks to advance protection of interconnected surface waters and groundwater dependent ecosystems. Specific objectives of this Project are to:

1. Monitor waters through desktop and modeling exercises, including detailed aerial and field-level biological surveys.
2. Create an expanded monitoring network including well sensors and geochemical and isotopic measurements.
3. Develop a long-term monitoring plan and recommendations for water resource management strategies within the Basin.

Scope of Work: The consultant is expected to comply with all terms of the grant agreement with CDFW and provide the following services:

4907-0348-2400.1 014737.001

Task 1: Monitoring Plan Development

Consultant shall complete the following in collaboration with the GSA and the agency's consultants:

1. Conduct aerial and field-level biological surveys, including fish counts, throughout the Ukiah Valley Basin and its watershed.
2. Combine this new characterization with stakeholder and Tribal input to design an expanded integrated surface water monitoring network with adequate coverage in the upper Russian River and its key fishbearing tributaries. The City of Ukiah will be consulted to ensure that the network supports their effort to expand open space holdings in the Western Hills.
3. Install continuous sensors to measure temperature and water level in up to 10 wells that complement the existing network (Note: Landowner access agreements will be required as part of this task. It is envisioned that the GSA staff at the city of Ukiah will acquire these necessary access agreements.)
4. Develop a plan for assessment and long-term monitoring of groundwater influx using geochemical tools and field and aerial surveys.
5. Develop a monitoring plan and baseline monitoring report for the project.

Task 2: Water Resource Management Recommendations

Consultant shall complete the following in collaboration with the GSA and the agency's consultants:

1. Update the Ukiah Valley Basin Integrated Hydrological Model (UVIHM) to incorporate results from monitoring to improve characterization of the shallow aquifer, surface water interconnection and the streamflow budget.
2. Use the UVIHM to run pumping and surface water management scenarios under differing climate and Potter Valley Project diversion conditions to understand potential impacts.
3. Develop a report containing guidance for water resource management that minimizes impacts to key habitat for sensitive fish species, under a variety of conditions.
4. Share the results with stakeholders and Tribes in a public meeting.

Task 3: Program Management and Grant Compliance

Consultant shall complete the following in collaboration with the GSA and the agency's consultants:

1. Perform project management and QA/QC.
2. Develop a Data Management Plan using CDFW form for submittal to CDFW.
3. Participate in three Board and TAC meetings or public workshops to receive feedback and share updates.
4. Support grant reporting and invoicing.

Deliverables:

- Data Management Plan

- Monitoring Plan and Baseline Monitoring Report
- UVIHM Model Updates and Scenario Evaluation Summary Technical Memo

Materials and Equipment: Equipment purchases must comply with Section 19 of Exhibit 1.a of the grant agreement (attached). All materials and equipment costs should be included in bid, and will be owned by the GSA. Equipment could include, but is not limited to:

- Stream gages (one low-flow only, the second low- and high-flow, all with telemetry)
- Continuous groundwater and temperature transducers with telemetry for 10 wells
- Shallow piezometer transects

Data Management: Consultant shall be responsible for ensuring that data collection, data acquisition, and/or data development activities will incorporate the standards expressed in CDFW's Scientific Integrity Policy (<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=154775&inline>) and Scientific Data Governance Policy. Grantee shall submit a Data Management Plan. All project data shall be collected using peer-approved methods, undergo a quality control and accuracy assessment process, include metadata that meet CDFW's minimum standards (<https://www.wildlife.ca.gov/Data/BIOS/Metadata>) and include documentation of the methods and quality assessments utilized, and are properly stored and protected until the Project has been completed and data have been delivered as required under the Grant Agreement.

All data and associated metadata collected by or created as part of this scope of work are a deliverable under the grant agreement. Geospatial data must be delivered in an industry-standard geospatial data format where applicable and documented with metadata in accordance with the CDFW Minimum Metadata Standards. Data related to observation, occurrence, or distribution of state or federal special status species or California Native Plant Society listed species shall be reported to the [California Natural Diversity Database](#) (CNDDDB) using the online field survey form or other digital method.

Water quality data generated by the Project will be collected in a manner that is compatible and consistent with the California Environmental Data Exchange Network (CEDEN, https://www.sfei.org/rdc_tools) (CWC §79704). Grantee shall upload relevant data to CEDEN and provide a receipt of successful data submission. Groundwater monitoring data generated by the Project will be collected and reported in a manner that is compatible and consistent with the groundwater data systems administered by the State Water Resources Control Board (CWC § 79704). Consultant shall upload relevant data to GeoTracker GAMA (<https://www.waterboards.ca.gov/gama/>) and provide proof of successful data submission.

Note: There are existing studies that have been conducted in the Ukiah Valley relevant to this scope of work. The proposing firms should familiarize themselves with these studies in the interest of efficiency and to avoid duplicative work. Please consult with

Laurel Marcus at CLSI for more information in this regard at laurelm@fishfriendlyfarming.org.

V. REQUESTS FOR PROPOSALS

A. Inquiries

All inquiries by interested consultants and/or firms concerning this Request for Proposal (RFP) must be directed in writing to UVBGSA staff at staff@ukiahvalleygroundwater.org. Please use the subject line "RFP INQUIRY: Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Waters Study". **All inquiries must be received no later than 5pm on March 21, 2025.** Responses to all inquiries will be posted on the UVBGSA's website on March 28, 2025.

B. Proposal Submission

Vendors should submit an electronic copy of their proposals with all attachments to staff@ukiahvalleygroundwater.org. Please use the subject line "RFP SUBMISSION: Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Waters Study". All proposals will be retained by the UVBGSA upon submission. Promotional materials may be attached, but are not necessary and will not be considered as meeting any of the requirements of this RFP. **Proposals must be submitted by 5:00 p.m. on Friday, April 7, 2025, to staff@ukiahvalleygroundwater.org.**

Late or facsimile proposals will not be accepted. It is the proposer's responsibility to assure that its proposal is delivered and received at the location specified herein, on or before the date and hour set. Proposals received after the date and time specified will not be considered. Note: The unauthorized use of the UVBGSA's official logo is strictly prohibited.

C. Qualifications

1. Consultant/Firm's Background and Experience
 - i. Discussion of the consultant/firm's experience working on SGMA related projects.
 - ii. Discussion of the firm's experience working with other GSAs, and services provided.
 - iii. Experience and qualifications of project manager and key project staff
2. Consultant/Firm's SGMA related project experience.

- i. Discussion of the consultant/firm's experience in performing GDE/ISW studies, groundwater-surface water integrated modeling, database management.
3. Additional pertinent information the Agency should consider.
4. Ability to perform work subject to the tentative schedule outlined in Section V(D).

D. Proposal Format and Content

Each proposal shall include at a minimum, the following information in this format:

1. Cover letter (2 pages max) that includes:
 - i. The signature of the individual who is authorized to contractually bind the firm.
 - ii. The name, title, address, telephone number, and email address of the individual to whom correspondence and other contacts should be directed during the selection process.
 - iii. The legal name of the consulting firm.
 - iv. Convey a clear understanding of the requirements and objectives, and why the respondent is uniquely qualified to be awarded a contract
 - v. A brief narrative of the consultant and/or firm's background and history.
2. Description of qualifications that includes:
 - i. The consultant and/or firm's responses to items outlined in Section V(C).
 - ii. Any additional information UVBGSA would need to know in terms of assessing the consultant and/or firm's qualifications and experience.
3. Proposed Respondent Team
 - i. The statement of qualifications shall identify the Project Manager who will be primarily responsible for providing services to the Agencies, and other staff to be assigned to the team. Please include the qualifications, training, and certifications of the Project Manager and all other staff who will perform the services outlined herein. Include a resume for each, listing education, experience, and expertise in this type of work.
4. Proposed Scope of Work
 - i. Submit a proposed scope of work and schedule that demonstrates how the consultant would proceed with the work within the timeframe specified, the proposed project elements, a tentative list of data needs, opportunities for technical advisory committee and Board participation, and an approach to include community outreach and engagement

5. Schedule
 - i. Submit a schedule that demonstrates the ability to perform all tasks with a project start date of May 2025 and a project completion date of March 1, 2028.
6. Cost Proposal
 - i. Submit a cost proposal that includes a schedule of all hourly rates for all classifications of positions and any other costs or expenses necessary to carry out the Project for the UVBGS (this would include hourly rates for any proposed team members).
7. Conflicts
 - i. This section should identify whether the respondent anticipates it would need to obtain conflict waivers from any existing clients and how the respondent anticipates addressing any potential conflicts concerning any member agencies and/or between GSAs.
8. References
 - i. The names, addresses, and telephone numbers of three (3) public agency clients who have contracted with the Respondent for services similar to those described in this RFP within the last five years.
9. Payment
 - i. The UVBGS encourages all vendors to participate in our ePayables program as our preferred payment method. The UVBGS's ePayables program is designed to provide the highest level of efficiency and service to our vendors ensuring that payments are received in a timely cost-efficient manner (please refer to Attachment D- Sample UVBGS Contract).

VI. SELECTION PROCESS AND CRITERIA

A. Evaluation of Proposals

Proposals will be evaluated based on the following:

- a. Experience and demonstrated competence in the identified key areas of service outlined in Section V(C).
- b. References recommendations.
- c. Comprehensive scope of work, schedule, and cost proposal.
- d. Thoroughness of submission.
- e. Office location, accessibility, and commitment to attend UVBGS meetings if required to be in person.

Additional information and/or interviews may be requested from top ranking candidates and UVBGS reserves the right to select the vendor that will best serve UVBGS's needs, as determined by the Board of Directors.

B. Selected General Terms of the Agreement

If a contract cannot be negotiated with a selected vendor for any reason, UVBGSA reserves the right to select another vendor. In submitting a proposal, the vendor is representing that it possesses the applicable licenses and qualifications to perform the services requested in the state of California.

The fees and costs offered by the vendor are considered to be a **firm offer** for the scope of services described in Section V and may not be altered after receipt by the UVBGSA (this does not foreclose the potential to renegotiate fees and costs at a later date once the vendor is retained).

Any vendor selected will be considered an independent contractor.

If selected, the vendor would be required to produce evidence of adequate insurance. The vendor would be required to maintain such insurance throughout their/its relationship with the UVBGSA.

Even if selected, UVBGSA reserves the right to terminate any agreement reached with the selected vendor at any time and in any appropriate manner.

VII. AWARD AND CONTRACT INFORMATION

- A. The UVBGSA hereby notifies all proposers that it will affirmatively ensure that minority business enterprises will be afforded a full opportunity to submit proposals in response to this invitation and that no proposer shall be discriminated against on the grounds of race, creed, color, pregnancy, disability, sex, sexual orientation, gender identity, ancestry, national origin, age, religion, Veteran's status, political affiliation, or any other factor prohibited by law.
- B. The Vendor agrees that should it be awarded a contract, the Vendor shall not discriminate against any person who performs work thereunder because of age, race, color, sex, gender, religion, creed, national origin, marital status, political affiliation, or disability.
- C. The UVBGSA reserves the right to reject any or all proposals and to waive any irregularities if deemed in the best interest of the UVBGSA to do so. The UVBGSA will select the Vendor whose proposal is determined by the UVBGSA to be the most responsive and responsible proposal and of the best advantage to the citizens of the Ukiah Valley Basin. The UVBGSA shall be the sole judge in making such a determination.
- D. The successful Vendor will be required to enter into and sign a formal agreement with the UVBGSA, which agreement will be in effect for the duration of the contract period. A sample contract is attached to this Request for

- Proposal as Attachment D. It is the Vendor's responsibility to review the contract's terms and conditions and to state any exceptions to those conditions in its response to the Request for Proposals (Attachment B). If no exceptions are noted, the UVBGSA will understand that the Vendor agrees to the terms and conditions as stated in the contract.
- E. The terms and conditions of this Request for Proposal as well as the Vendor's proposal, and any modifications to said proposal agreed to in writing by both parties shall become a part of the contract.
- F. Before final selection, Vendors may be required to submit any additional information that UVBGSA may deem necessary to determine the Vendor's qualifications. Should any of the information requested by UVBGSA be considered by the Vendor to be confidential, it must be so stated. UVBGSA will attempt to treat any information submitted by the Vendor as confidential if requested to do so; however, UVBGSA cannot ensure such confidentiality.
- G. Open Procurement
1. The Vendor shall include any latitudes, prohibitions, or limitations placed on the purchase of the items presented in the Vendor's Proposal. Items and/or services that the Vendor intends to be offered on a unit price basis must be so identified. [The UVBGSA's objective is to clarify all purchase options.]
 2. UVBGSA reserves the right to negotiate changes to the original Proposal(s).
 3. UVBGSA reserves the right to accept or reject any or all Proposals in whole or in part.
 4. UVBGSA reserves the right to negotiate a contract with more than one Vendor at the same time.

VIII. FORMAT OF COST PROPOSAL

The Vendor must itemize all costs, including per-hour costs, chargeable to the UVBGSA as described in Section V(D)(6) and this section, in a Cost Proposal that's included in the final proposal submitted to the GSA. Prices quoted shall be valid for at least one hundred and twenty (120) days following the proposal submission deadline and if a contract is entered into as a result of this RFP, shall become fixed for the term of the contract. The current billing rate schedule must be included. The billing rates will be applicable throughout the term of the agreement.

The UVBGSA shall be the sole arbiter in the determination of quality. The UVBGSA reserves the right to reject any proposals and to accept the proposal or proposals

which in its sole and absolute judgment shall, under all circumstances, best serve the interests of the UVBGSA.

IX. CONTRACT

A. Time is of the essence in awarding the contract. The UVBGSA reserves the right to cancel any intent to award and proceed to the next vendor if the selected vendor has not signed the agreement within two (2) weeks after the notification of intent of the award.

B. Execution of Contract

1. Upon the acceptance of a Vendor's Proposal, UVBGSA will prepare and submit a contract to the successful Vendor for signature. (See sample contract, as Attachment D, which contains required contractual language.) If the successful Vendor fails, neglects, or refuses to execute the contract within two (2) weeks after receiving a copy of the contract from UVBGSA, UVBGSA may at its option terminate and cancel its action in awarding the contract and the contract shall become null and void and of no effect.
2. Incorporated by reference into the contract which is to be entered into by UVBGSA and the successful Vendor according to this Proposal will be (a) all of the information presented in or with this Proposal and the Vendor's response thereto, and (b) all written communications between UVBGSA and the successful Vendor whose Proposal is accepted.

C. No Assignment

Assignment by the successful Contractor to any third party of any contract based on the Proposal or any monies due shall be prohibited and will not be recognized by UVBGSA unless approved in advance by UVBGSA in writing.

D. Force Majeure

Neither party shall be liable to the other for any failure or delay in rendering performance arising out of causes beyond its control and without its fault or negligence. Such causes may include, but not be limited to, acts of God or a public enemy, freight embargoes, and unusually severe weather; but the failure or delay must be beyond its control and without its fault or negligence. Dates or times of performance will be extended to the extent of delays excused by this section, provided that the party whose performance is affected notifies the other promptly of the existence and nature of such delay.

E. Contract Term

The term of the AGREEMENT(s) is anticipated to be from May 2025 to February 2028.

F. Insurance

Before commencement of this AGREEMENT, the CONTRACTOR(s) shall provide a "Certificate of Insurance" certifying that coverage as required herein has been obtained. Individual endorsements executed by the insurance carrier shall accompany the certificate. In addition, the CONTRACTOR(s) upon request shall provide a certified copy of the policy or policies. Refer to Exhibit C (Insurance Requirements) of Attachment D, Sample UVBGSA Contract.

X. REJECTION OF PROPOSALS

The RFP does not commit the UVBGSA to award a contract, to pay any costs incurred in the preparation of the proposal to this request, or to procure or contract for services or supplies. The UVBGSA reserves the right to accept or reject any or all proposals received as a result of this request, to negotiate with any qualified source, or to cancel the RFP in part or in its entirety, if it is in the best interest of the UVBGSA to do so. The UVBGSA may require the proposer selected to participate in negotiations, and to submit such proposal as may result from negotiations.

Any proposal submitted during this RFP process becomes the property of the UVBGSA. The UVBGSA will not be liable for nor pay costs incurred by the respondent in the preparation of a response to this RFP or any other costs involved including travel.

XI. GENERAL CONDITIONS

While the UVBGSA intends to award the contract to the selected Vendor, it reserves the right to both either withdraw and/or not award a contract at any time it so desires. Costs incurred in the preparation of a response to this RFP will not be reimbursed.

The UVBGSA has a standard contract service agreement. The successful firm will be required to agree to the terms contained within. Any issues with the insurance coverage or terms of the standard contract service agreement should be mentioned in the response to the Request for Proposals and documented in detail in Attachment B – Exceptions to RFP.

Limitations

- 1) The Vendor should expect to have access only to the public records and public files of local government agencies in preparing the proposal or reports. The Vendor should not anticipate any compilation, tabulation, or analysis of data,

- definition or opinion, etc., unless volunteered by a responsible official of that agency.
- 2) The UVBGSA has the authority to terminate the contract upon written notice to the Vendor at any time during the period of the project if the UVBGSA finds that the Vendor's performance is not satisfactory (as specified in Attachment D – Sample UVBGSA Contract, paragraph 19).
 - 3) Contract payments will be made based on satisfactory performance by the Vendor as determined by the UVBGSA. Final payment to the Vendor will only be made when the UVBGSA finds that the work performed by the Vendor is satisfactory and the final work product and documents submitted meet the tasks of the project and is accepted by the UVBGSA. All final work products and documents will become the property of the UVBGSA.

XII. LIST OF ATTACHMENTS

- Attachment A – Proposal Summary and Statement of Responsibility (Signature Page)
- Attachment B – Exceptions to RFP
- Attachment C – Certificate of Non-collusion
- Attachment D – Sample UVBGSA Contract
- Attachment E – Grant Agreement with CDFW

**ATTACHMENT A
PROPOSAL SUMMARY AND STATEMENT OF RESPONSIBILITY (SIGNATURE PAGE)**

UVBGSA **RFP No. UVBGSA 25-01**
INTERCONNECTED SURFACE WATERS AND GROUNDWATER DEPENDENT ECOSYSTEMS STUDY

RFP No.	UVBGSA 25-01
RFP Issue Date:	March 6, 2025
RFP Submission Deadline:	April 7, 2025

Proposals must be submitted to staff@ukiahvalleygroundwater.org by 5:00 p.m. April 7, 2025 with subject line "RFP SUBMISSION: Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Waters Study".

Questions regarding this RFP should be directed to:
 Procedural & technical inquires: staff@ukiahvalleygroundwater.org

This Proposal Summary and Statement of Responsibility (Signature Page) must be included with your submittal in order to validate your proposal. Proposals submitted without this page will be deemed non-responsive.

Vendor Authorized Representative

Company Name: _____ Date: _____

Representative: _____

Title: _____

Phone: _____

Address: _____ Fax: _____

Federal Tax ID No.: _____ Email: _____

RFP Contact Information (if different then above)

Contact Person: _____

Title: _____

Phone: _____ Fax: _____

Address: _____ Email: _____

Certifications:

1. Do you agree to comply with specifications, RFP instructions, draft contract requirements and other pertinent references contained in this RFP?
 YES NO

2. Do you agree that the proposal will stand firm and will not be withdrawn for a period of 90 days after the proposal is opened?
 YES NO

3. Do you certify that all statements in the proposal are true? This shall constitute a warranty, the falsity of which shall entitle the UVBGSA to pursue any remedy authorized by law, and shall include the right, at the option of the UVBGSA, of declaring any contract made as a result thereof to be void.
 YES NO

4. Do you agree to provide the UVBGSA with any other information the UVBGSA determines is necessary for accurate determination of your qualifications to provide services?
 YES NO

5. Do you agree that the proposal amount includes all costs incident to the proposed contract?
 YES NO

To the best of my knowledge and belief, the information provided in this initial determination of responsibilities is true and correct.

Authorized Representative:	
	(Printed name)
Signature:	

Date:	
-------	--

**ATTACHMENT B
EXCEPTIONS TO RFP**

Company Name:

Representative:

Title:

Address:

Phone: _____

Email:

I have reviewed the RFP and General Contract Terms in their entirety and have the following exceptions: (Please identify and list your exceptions by indicating the section or paragraph and page no. as applicable. Be specific about your proposed exception(s) to content, language, or omissions. Add as many pages as required.)

<p>Authorized Representative: _____ (Printed name)</p>
--

4907-0348-2400.1 014737.001

Signature:	_____
Date:	_____

**ATTACHMENT C
CERTIFICATE OF NON-COLLUSION**

The undersigned certifies, under penalty of perjury, that this proposal has been made in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

(Name of Proposer)

(Signature of Authorized Agent)

_____, 2025
Date

ATTACHMENT D – SAMPLE UVBGSA CONTRACT
UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY
STANDARD SERVICES AGREEMENT

This Agreement is by and between the UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY, hereinafter referred to as the “UVBGSA”, and _____, hereinafter referred to as the “CONSULTANT”.

WITNESSETH

WHEREAS, pursuant to Article 5 Section 5.2.7 of the Joint Powers Agreement Forming the Ukiah Valley Basin Groundwater Sustainability Agency, the UVBGSA shall have the power to make and enter into contracts necessary to the full exercise of the Agency’s power; and,

WHEREAS, UVBGSA desires to obtain CONSULTANT for its [Services]; and,

WHEREAS, CONSULTANT is willing to provide such services on the terms and conditions set forth in this AGREEMENT and is willing to provide same to UVBGSA.

NOW, THEREFORE it is agreed that UVBGSA does hereby retain CONSULTANT to provide the services described in Exhibit “A”, and CONSULTANT accepts such engagement, on the General Terms and Conditions hereinafter specified in this Agreement, the Additional Provisions attached hereto, and the following described exhibits, all of which are incorporated into this Agreement by this reference:

Exhibit A	Definition of Services
Exhibit B	Payment Terms
Exhibit C	Insurance Requirements
Exhibit D	ePayables Information

The term of this Agreement shall be from the date this Agreement becomes fully executed by all parties (the “Effective Date”), and shall continue through _____, 20_____.

The compensation payable to CONSULTANT hereunder shall not exceed [Spelled out Contract Amount] (\$[Numerical Amount]) for the term of this Agreement.

IN WITNESS WHEREOF

UVBGSA

By: _____
Madeline Cline, Chair
BOARD OF DIRECTORS

Date: _____

CONSULTANT/COMPANY NAME

By: _____

Date: _____

NAME AND ADDRESS OF CONSULTANT:

UVBGSA FISCAL REVIEW:

By: _____

Date: _____

By signing above, signatory warrants and represents that he/she executed this Agreement in his/her authorized capacity and that by his/her signature on this Agreement, he/she or the entity upon behalf of which he/she acted, executed this Agreement

UVBGSA INSURANCE REVIEW:

By: _____

Date: _____

UVBGSA LEGAL COUNSEL REVIEW:

APPROVED AS TO FORM:

By: _____

Date: _____

GENERAL TERMS AND CONDITIONS

1. **INDEPENDENT CONTRACTOR:** No relationship of employer and employee is created by this Agreement; it being understood and agreed that CONSULTANT is an Independent Contractor. CONSULTANT is not the agent or employee of the UVBGSA in any capacity whatsoever, and UVBGSA shall not be liable for any acts or omissions by CONSULTANT nor for any obligations or liabilities incurred by CONSULTANT.

CONSULTANT shall have no claim under this Agreement or otherwise, for seniority, vacation time, vacation pay, sick leave, personal time off, overtime, health insurance medical care, hospital care, retirement benefits, social security, disability, Workers' Compensation, or unemployment insurance benefits, civil service protection, or employee benefits of any kind.

CONSULTANT shall be solely liable for and obligated to pay directly all applicable payroll taxes (including federal and state income taxes) or contributions for unemployment insurance or old age pensions or annuities which are imposed by any governmental entity in connection with the labor used or which are measured by wages, salaries or other remuneration paid to its officers, agents or employees and agrees to indemnify and hold UVBGSA harmless from any and all liability which UVBGSA may incur because of CONSULTANT's failure to pay such amounts.

In carrying out the work contemplated herein, CONSULTANT shall comply with all applicable federal and state workers' compensation and liability laws and regulations with respect to the officers, agents and/or employees conducting and participating in the work; and agrees that such officers, agents, and/or employees will be considered as Independent Contractors and shall not be treated or considered in any way as officers, agents and/or employees of UVBGSA.

CONSULTANT does, by this Agreement, agree to perform their said work and functions at all times in strict accordance with all applicable federal, state and UVBGSA laws, including but not limited to prevailing wage laws, ordinances, regulations, titles, departmental procedures and currently approved methods and practices in their field and that the sole interest of UVBGSA is to ensure that said service shall be performed and rendered in a competent, efficient, timely and satisfactory manner and in accordance with the standards required by the UVBGSA agency concerned.

Notwithstanding the foregoing, if the UVBGSA determines that pursuant to state and federal law CONSULTANT is an employee for purposes of income tax withholding, UVBGSA may upon two (2) week's written notice to CONSULTANT, withhold from payments to CONSULTANT hereunder federal and state income taxes and pay said sums to the federal and state governments.

2. **INDEMNIFICATION:** To the furthest extent permitted by law (including without limitation California Civil Code sections 2782 and 2782.8, if applicable),

CONSULTANT shall assume the defense of, indemnify, and hold harmless the UVBGSA, its officers, agents, and employees, from and against any and all claims, demands, damages, costs, liabilities, and losses whatsoever alleged to be occurring or resulting in connection with the CONSULTANT'S performance or its obligations under this AGREEMENT, unless arising out of the sole negligence or willful misconduct of UVBGSA. "CONSULTANT'S performance" includes CONSULTANT'S action or inaction and the action or inaction of CONSULTANT'S officers, employees, agents and subcontractors.

3. **INSURANCE AND BOND:** CONSULTANT shall at all times during the term of the Agreement with the UVBGSA maintain in force those insurance policies and bonds as designated in the attached Exhibit C, and will comply with all those requirements as stated therein.
4. **WORKERS' COMPENSATION:** CONSULTANT shall provide Workers' Compensation insurance, as applicable, at CONSULTANT's own cost and expense and further, neither the CONSULTANT nor its carrier shall be entitled to recover from UVBGSA any costs, settlements, or expenses of Workers' Compensation claims arising out of this Agreement.

CONSULTANT affirms that they are aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for the Workers' Compensation or to undertake self-insurance in accordance with the provisions of the Code and CONSULTANT further assures that s/he will comply with such provisions before commencing the performance of work under this Agreement. CONSULTANT shall furnish to UVBGSA certificate(s) of insurance evidencing Worker's Compensation Insurance coverage to cover its employees, and CONSULTANT shall require all subcontractors similarly to provide Workers' Compensation Insurance as required by the Labor Code of the State of California for all of subcontractors' employees.

5. **CONFORMITY WITH LAW AND SAFETY:**
 - a. In performing services under this Agreement, CONSULTANT shall observe and comply with all applicable laws, ordinances, codes and regulations of governmental agencies, including federal, state, municipal, and local governing bodies, having jurisdiction over the scope of services, including all applicable provisions of the California Occupational Safety and Health Act. CONSULTANT shall indemnify and hold UVBGSA harmless from any and all liability, fines, penalties and consequences from any of CONSULTANT's failures to comply with such laws, ordinances, codes and regulations.
 - b. **Accidents:** If a death, serious personal injury or substantial property damage occurs in connection with CONSULTANT's performance of this Agreement, CONSULTANT shall immediately notify UVBGSA by telephone. CONSULTANT shall promptly submit to UVBGSA a written report, in such form as may be required by UVBGSA of all accidents which occur in connection with this Agreement. This report must include the following

information: (1) name and address of the injured or deceased person(s); (2) name and address of CONSULTANT's sub-contractor, if any; (3) name and address of CONSULTANT's liability insurance carrier; and (4) a detailed description of the accident and whether any of UVBGSA's equipment, tools, material, or staff were involved.

c. CONSULTANT further agrees to take all reasonable steps to preserve all physical evidence and information which may be relevant to the circumstances surrounding a potential claim, while maintaining public safety, and to grant to the UVBGSA the opportunity to review and inspect such evidence, including the scene of the accident.

6. **PAYMENT:** For services performed in accordance with this Agreement, payment shall be made to CONSULTANT as provided in Exhibit "B" hereto as funding permits.

If UVBGSA over pays CONSULTANT for any reason, CONSULTANT agrees to return the amount of such overpayment to UVBGSA within 30 calendar days, or at UVBGSA's option, permit UVBGSA to offset the amount of such overpayment against future payments owed to CONSULTANT under this Agreement or any other agreement.

In the event CONSULTANT claims or receives payment from UVBGSA for a service, reimbursement for which is later disallowed by UVBGSA, State of California or the United States Government, which disallowance is due to the actions or omissions of CONSULTANT, the CONSULTANT shall promptly refund the disallowance amount to UVBGSA upon request, or at its option UVBGSA may offset the amount disallowed from any payment due or that becomes due to CONSULTANT under this Agreement or any other agreement.

All invoices, receipts, or other requests for payment under this contract must be submitted by CONSULTANT to UVBGSA in a timely manner and consistent with the terms specified in Exhibit B. In no event shall UVBGSA be obligated to pay any request for payment for which a written request for payment and all required documentation was first received more than six (6) months after this Agreement has terminated, or beyond such other time limit as may be set forth in Exhibit B.

7. **TAXES:** Payment of all applicable federal, state, and local taxes shall be the sole responsibility of the CONSULTANT.
8. **OWNERSHIP OF DOCUMENTS:** CONSULTANT hereby assigns the UVBGSA and its assignees all copyright and other use rights in any and all proposals, plans, specification, designs, drawings, sketches, renderings, models, reports and related documents (including computerized or electronic copies) respecting in any way the subject matter of this Agreement, whether prepared by the UVBGSA, the CONSULTANT, the CONSULTANT's subcontractors or third parties at the request of the CONSULTANT (collectively, "Documents and

Materials”). This explicitly includes the electronic copies of all above stated documentation.

CONSULTANT shall be permitted to retain copies, including reproducible copies and computerized copies, of said Documents and Materials. CONSULTANT agrees to take such further steps as may be reasonably requested by UVBGSA to implement the aforesaid assignment. If for any reason said assignment is not effective, CONSULTANT hereby grants the UVBGSA and any assignee of the UVBGSA an express royalty – free license to retain and use said Documents and Materials. The UVBGSA’s rights under this paragraph shall apply regardless of the degree of completion of the Documents and Materials and whether or not CONSULTANT’s services as set forth in Exhibit “A” of this Agreement have been fully performed or paid for.

The UVBGSA’s rights under this Paragraph 8 shall not extend to any computer software used to create such Documents and Materials.

9. CONFLICT OF INTEREST: The CONSULTANT covenants that it presently has no interest, and shall not have any interest, direct or indirect, which would conflict in any manner with the performance of services required under this Agreement.
10. NOTICES: All notices, requests, demands, or other communications under this Agreement shall be in writing. Notices shall be given for all purposes as follows:

Personal delivery: When personally delivered to the recipient, notices are effective on delivery.

First Class Mail: When mailed first class to the last address of the recipient known to the party giving notice, notice is effective three (3) mail delivery days after deposit in a United States Postal Service office or mailbox. Certified Mail: When mailed certified mail, return receipt requested, notice is effective on receipt, if delivery is confirmed by a return receipt.

Overnight Delivery: When delivered by overnight delivery (Federal Express/Airborne/United Parcel Service/DHL WorldWide Express) with charges prepaid or charged to the sender’s account, notice is effective on delivery, if delivery is confirmed by the delivery service.

Email transmission: When sent by email to the email address of the designated recipient of the party giving notice, notice is effective at the time the email is sent. Any notice given by email shall be deemed received on the next business day if it is received after 5:00 p.m. (recipient’s time) or on a non-business day.

Addresses for purpose of giving notice are as follows:

To UVBGSA: UVBGSA
 2235 Mercury Way, Suite 105
 Santa Rosa, CA 95407

Email: admin@ukiahvalleygroundwater.org
Attn: Harry Starkey

To CONSULTANT: [Name of CONSULTANT]
[Number and Street]
[City, State, Zip Code]
Email:
ATTN:

Any correctly addressed notice that is refused, unclaimed, or undeliverable because of an act or omission of the party to be notified shall be deemed effective as of the first date that said notice was refused, unclaimed, or deemed undeliverable by the postal authorities, messenger, or overnight delivery service.

Any party may change its address or facsimile number by giving the other party notice of the change in any manner permitted by this Agreement.

11. USE OF UVBGSA PROPERTY: CONSULTANT shall not use UVBGSA property (including equipment, instruments and supplies) or personnel for any purpose other than in the performance of his/her obligations under this Agreement.
12. EQUAL EMPLOYMENT OPPORTUNITY PRACTICES PROVISIONS: CONSULTANT certifies that it will comply with all Federal, State, and local laws, rules and regulations pertaining to nondiscrimination in employment.
 - a. CONSULTANT shall, in all solicitations or advertisements for applicants for employment placed as a result of this Agreement, state that it is an "Equal Opportunity Employer" or that all qualified applicants will receive consideration for employment without regard to their race, creed, color, pregnancy, disability, sex, sexual orientation, gender identity, ancestry, national origin, age, religion, Veteran's status, political affiliation, or any other factor prohibited by law.
 - b. CONSULTANT shall, if requested to so do by the UVBGSA, certify that it has not, in the performance of this Agreement, engaged in any unlawful discrimination.
 - c. If requested to do so by the UVBGSA, CONSULTANT shall provide the UVBGSA with access to copies of all of its records pertaining or relating to its employment practices, except to the extent such records or portions of such records are confidential or privileged under State or Federal law.
 - d. Nothing contained in this Agreement shall be construed in any manner so as to require or permit any act which is prohibited by law.
 - e. The CONSULTANT shall include the provisions set forth in this paragraph in each of its subcontracts.

13. **DRUG-FREE WORKPLACE:** CONSULTANT and CONSULTANT's employees shall comply with the UVBGSA's policy of maintaining a drug-free workplace. Neither CONSULTANT nor CONSULTANT's employees shall unlawfully manufacture, distribute, dispense, possess or use controlled substances, as defined in 21 U.S. Code § 812, including, but not limited to, marijuana, heroin, cocaine, and amphetamines, at any UVBGSA facility or work site. If CONSULTANT or any employee of CONSULTANT is convicted or pleads *nolo contendere* to a criminal drug statute violation occurring at a UVBGSA facility or work site, the CONSULTANT, within five days thereafter, shall notify the head of the UVBGSA department/agency for which the contract services are performed. Violation of this provision shall constitute a material breach of this Agreement.
14. **ENERGY CONSERVATION:** CONSULTANT agrees to comply with the mandatory standards and policies relating to energy efficiency in the State of California Energy Conservation Plan, (Title 24, California Administrative Code).
15. **COMPLIANCE WITH LICENSING REQUIREMENTS:** CONSULTANT shall comply with all necessary licensing requirements and shall obtain appropriate licenses. To the extent required by law, CONSULTANT shall display licenses in a location that is reasonably conspicuous. Upon UVBGSA's request, CONSULTANT shall file copies of same with the UVBGSA Executive Office.

CONSULTANT represents and warrants to UVBGSA that CONSULTANT and its employees, agents, and any subcontractors have all licenses, permits, qualifications, and approvals of whatsoever nature that are legally required to practice their respective professions.

16. **AUDITS; ACCESS TO RECORDS:** The CONSULTANT shall make available to the UVBGSA, its authorized agents, officers, or employees, for examination any and all ledgers, books of accounts, invoices, vouchers, cancelled checks, and other records or documents evidencing or relating to the expenditures and disbursements charged to the UVBGSA, and shall furnish to the UVBGSA, within sixty (60) days after examination, its authorized agents, officers or employees such other evidence or information as the UVBGSA may require with regard to any such expenditure or disbursement charged by the CONSULTANT.

The CONSULTANT shall maintain full and adequate records in accordance with UVBGSA requirements to show the actual costs incurred by the CONSULTANT in the performance of this Agreement. If such books and records are not kept and maintained by CONSULTANT within the County of Mendocino, California, CONSULTANT shall, upon request of the UVBGSA, make such books and records available to the UVBGSA for inspection at a location within UVBGSA or CONSULTANT shall pay to the UVBGSA the reasonable, and necessary costs incurred by the UVBGSA in inspecting CONSULTANT's books and records, including, but not limited to, travel, lodging and subsistence costs. CONSULTANT shall provide such assistance as may be reasonably required in the course of such inspection. The UVBGSA further reserves the right to examine and reexamine said books, records and data during the four (4) year period following termination of this

Agreement or completion of all work hereunder, as evidenced in writing by the UVBGSA, and the CONSULTANT shall in no event dispose of, destroy, alter, or mutilate said books, records, accounts, and data in any manner whatsoever for four (4) years after the UVBGSA makes the final or last payment or within four (4) years after any pending issues between the UVBGSA and CONSULTANT with respect to this Agreement are closed, whichever is later.

17. **DOCUMENTS AND MATERIALS:** CONSULTANT shall maintain and make available to UVBGSA for its inspection and use during the term of this Agreement, all Documents and Materials, as defined in Paragraph 8 of this Agreement. CONSULTANT's obligations under the preceding sentence shall continue for four (4) years following termination or expiration of this Agreement or the completion of all work hereunder (as evidenced in writing by UVBGSA), and CONSULTANT shall in no event dispose of, destroy, alter or mutilate said Documents and Materials, for four (4) years following the UVBGSA's last payment to CONSULTANT under this Agreement.
18. **TIME OF ESSENCE:** Time is of the essence in respect to all provisions of this Agreement that specify a time for performance; provided, however, that the foregoing shall not be construed to limit or deprive a party of the benefits of any grace or use period allowed in this Agreement.
19. **TERMINATION:** The UVBGSA has and reserves the right to suspend, terminate or abandon the execution of any work by the CONSULTANT without cause at any time upon giving to the CONSULTANT notice. Such notice shall be in writing and may be issued by any UVBGSA officer authorized to execute or amend the contract, the UVBGSA Chair of the Board of Directors, or any other person designated by the UVBGSA. In the event that the UVBGSA should abandon, terminate or suspend the CONSULTANT's work, the CONSULTANT shall be entitled to payment for services provided hereunder prior to the effective date of said suspension, termination or abandonment. Said payment shall be computed in accordance with Exhibit B hereto, provided that the maximum amount payable to CONSULTANT for its [Services] shall not exceed \$[Contract Amount] payment for services provided hereunder prior to the effective date of said suspension, termination or abandonment or lack of funding.
20. **NON APPROPRIATION:** If UVBGSA should not appropriate or otherwise make available funds sufficient to purchase, lease, operate or maintain the products set forth in this Agreement, or other means of performing the same functions of such products, UVBGSA may unilaterally terminate this Agreement only upon thirty (30) calendar days written notice to CONSULTANT. Upon termination, UVBGSA shall remit payment for all products and services delivered to UVBGSA and all expenses incurred by CONSULTANT prior to CONSULTANT'S receipt of the termination notice.
21. **CHOICE OF LAW:** This Agreement, and any dispute arising from the relationship between the parties to this Agreement, shall be governed by the laws of the State of California, excluding any laws that direct the application of another jurisdiction's laws.

22. VENUE: All lawsuits relating to this contract must be filed in Mendocino County Superior Court, Mendocino County, California.
23. WAIVER: No waiver of a breach, failure of any condition, or any right or remedy contained in or granted by the provisions of this Agreement shall be effective unless it is in writing and signed by the party waiving the breach, failure, right or remedy. No waiver of any breach, failure, right or remedy shall be deemed a waiver of any other breach, failure, right or remedy, whether or not similar, nor shall any waiver constitute a continuing waiver unless the writing so specifies.
24. ADVERTISING OR PUBLICITY: CONSULTANT shall not use the name of UVBGSA, its officers, directors, employees or agents, in advertising or publicity releases or otherwise without securing the prior written consent of UVBGSA in each instance.
25. ENTIRE AGREEMENT: This Agreement, including all attachments, exhibits, and any other documents specifically incorporated into this Agreement, shall constitute the entire agreement between UVBGSA and CONSULTANT relating to the subject matter of this Agreement. As used herein, Agreement refers to and includes any documents incorporated herein by reference and any exhibits or attachments. This Agreement supersedes and merges all previous understandings, and all other agreements, written or oral, between the parties and sets forth the entire understanding of the parties regarding the subject matter thereof. This Agreement may not be modified except by a written document signed by both parties. In the event of a conflict between the body of this Agreement and any of the Exhibits, the provisions in the body of this Agreement shall control.
26. HEADINGS: Herein are for convenience of reference only and shall in no way affect interpretation of this Agreement.
27. MODIFICATION OF AGREEMENT: This Agreement may be supplemented, amended or modified only by the mutual written agreement of the parties. No supplement, amendment or modification of this Agreement shall be binding unless it is in writing and signed by authorized representatives of both parties.
28. ASSURANCE OF PERFORMANCE: If at any time the UVBGSA has good objective cause to believe CONSULTANT may not be adequately performing its obligations under this Agreement or that CONSULTANT may fail to complete the Services as required by this Agreement, UVBGSA may request from CONSULTANT prompt written assurances of performance and a written plan acceptable to UVBGSA, to correct the observed deficiencies in CONSULTANT's performance. CONSULTANT shall provide such written assurances and written plan within thirty (30) calendar days of its receipt of UVBGSA's request and shall thereafter diligently commence and fully perform such written plan. CONSULTANT acknowledges and agrees that any failure to provide such written assurances and written plan within the required time is a material breach under this Agreement.

29. **SUBCONTRACTING/ASSIGNMENT:** CONSULTANT shall not subcontract, assign or delegate any portion of this Agreement or any duties or obligations hereunder without the UVBGSA's prior written approval.
- a. Neither party shall, on the basis of this Agreement, contract on behalf of or in the name of the other party. Any agreement that violates this Section shall confer no rights on any party and shall be null and void.
 - b. Only the UVBGSA General Manager or their designee shall have the authority to approve subcontractor(s).
 - c. CONSULTANT shall remain fully responsible for compliance by its subcontractors with all the terms of this Agreement, regardless of the terms of any agreement between CONSULTANT and its subcontractors.
30. **SURVIVAL:** The obligations of this Agreement, which by their nature would continue beyond the termination on expiration of the Agreement, including without limitation, the obligations regarding Indemnification (Paragraph 2), Ownership of Documents (Paragraph 8), and Conflict of Interest (Paragraph 9), shall survive termination or expiration for two (2) years.
31. **SEVERABILITY:** If a court of competent jurisdiction holds any provision of this Agreement to be illegal, unenforceable, or invalid in whole or in part for any reason, the validity and enforceability of the remaining provisions, or portions of them, will not be affected, unless an essential purpose of this Agreement would be defeated by the loss of the illegal, unenforceable, or invalid provision.
32. **INTELLECTUAL PROPERTY WARRANTY:** CONSULTANT warrants and represents that it has secured all rights and licenses necessary for any and all materials, services, processes, software, or hardware ("CONSULTANT PRODUCTS") to be provided by CONSULTANT in the performance of this AGREEMENT, including but not limited to any copyright, trademark, patent, trade secret, or right of publicity rights. CONSULTANT hereby grants to UVBGSA, or represents that it has secured from third parties, an irrevocable license (or sublicense) to reproduce, distribute, perform, display, prepare derivative works, make, use, sell, import, use in commerce, or otherwise utilize CONSULTANT PRODUCTS to the extent reasonably necessary to use the CONSULTANT PRODUCTS in the manner contemplated by this agreement.

CONSULTANT further warrants and represents that it knows of no allegations, claims, or threatened claims that the CONSULTANT PRODUCTS provided to UVBGSA under this Agreement infringe any patent, copyright, trademark or other proprietary right. In the event that any third party asserts a claim of infringement against the UVBGSA relating to a CONSULTANT PRODUCT, CONSULTANT shall indemnify and defend the UVBGSA pursuant to Paragraph 2 of this AGREEMENT.

In the case of any such claim of infringement, CONSULTANT shall either, at its option, (1) procure for UVBGSA the right to continue using the CONSULTANT

Products; or (2) replace or modify the CONSULTANT Products so that that they become non-infringing, but equivalent in functionality and performance.

33. ELECTRONIC COPIES:

The parties agree that an electronic copy, including email, or scanned copy of the executed Agreement, shall be deemed, and shall have the same legal force and effect as, an original document so long as the document has a valid signature.

34. COOPERATION WITH UVBGSA

Contractor shall cooperate with UVBGSA and UVBGSA staff in the performance of all work hereunder.

35. PERFORMANCE STANDARD

CONSULTANT shall perform all work hereunder in a manner consistent with the level of competency and standard of care normally observed by a person practicing in CONSULTANT's profession. UVBGSA has relied upon the professional ability and training of CONSULTANT as a material inducement to enter into this Agreement. CONSULTANT hereby agrees to provide all services under this Agreement in accordance with generally accepted professional practices and standards of care, as well as the requirements of applicable Federal, State, and local laws, it being understood that acceptance of CONSULTANT's work by UVBGSA shall not operate as a waiver or release. If UVBGSA determines that any of CONSULTANT's work is not in accordance with such level of competency and standard of care, UVBGSA, in its sole discretion, shall have the right to do any or all of the following: (a) require CONSULTANT to meet with UVBGSA to review the quality of the work and resolve matters of concern; (b) require CONSULTANT to repeat the work at no additional charge until it is satisfactory; (c) terminate this Agreement pursuant to the provisions of paragraph 19 (Termination) or (d) pursue any and all other remedies at law or in equity.

36. ATTORNEYS' FEES

In any action to enforce or interpret the terms of this agreement, including but not limited to any action for declaratory relief, each party shall be solely responsible for and bear its own attorneys' fees, regardless of which party prevails.

[END OF GENERAL TERMS AND CONDITIONS]

EXHIBIT A

DEFINITION OF SERVICES

CONSULTANT shall serve as the [PROJECT NAME] PROJECT CONSULTANT to the Ukiah Valley Basin by providing the following services:

[SCOPE OF WORK]

[END OF DEFINITION OF SERVICES]

EXHIBIT B**PAYMENT TERMS**

1. CONSULTANT shall be compensated on a time-and-expense basis not-to-exceed (\$) for the term of the Agreement, to be billed in accordance with the Billing Rate Schedule, included as Attachment 1 to Exhibit B. This fee shall not be exceeded without prior written authorization from the UVBGSA.
2. UVBGSA shall pay CONSULTANT for all work requested upon satisfactory completion of said work.
3. CONSULTANT's invoice shall be submitted to UVBGSA no less than quarterly.
4. Payments for work completed by CONSULTANT will be made by UVBGSA within 30 days of receipt of CONSULTANT's invoice.

[END OF PAYMENT TERMS]

Attachment 1 Exhibit B

CONSULTANT Cost Proposal Table

EXHIBIT C**INSURANCE REQUIREMENTS**

Insurance coverage in a minimum amount set forth herein shall not be construed to relieve CONSULTANT for liability in excess of such coverage, nor shall it preclude UVBGSA from taking such other action as is available to it under any other provisions of this Agreement or otherwise in law. Insurance requirements shall be in addition to, and not in lieu of, CONSULTANT's indemnity obligations under Paragraph 2 of this Agreement.

CONSULTANT shall obtain and maintain insurance coverage as follows:

- a. Combined single limit bodily injury liability and property damage liability - \$1,000,000 each occurrence.
- b. Vehicle / Bodily Injury combined single limit vehicle bodily injury and property damage liability - \$500,000 each occurrence.

CONSULTANT shall furnish to UVBGSA certificates of insurance evidencing the minimum levels described above.

[END OF INSURANCE REQUIREMENTS]

EXHIBIT D**EPAYABLES INFORMATION**

The UVBGSA is currently making credit card payments to all of our vendors and suppliers who qualify. To qualify, vendors need to currently accept credit card payments. To achieve this more efficient form of payment, the UVBGSA has partnered with Bank of America and their ePayables credit card program. This electronic initiative will yield many benefits to its participants:

- Expedited receipt of cash – electronic credit card payments provide cash flow benefits by eliminating mail and paper check float
- Elimination of check processing costs
- Remittance data transmitted with payment for more efficient back-end reconciliation
- No collection costs associated with lost or misplaced checks
- Reduced exposure to check fraud
- More efficient handling of exception items
- Fits with existing accounting software – requires no purchase of software, no modifications to existing accounts receivable system and no change to bank accounts.
- Going green with paperless electronic credit card payments help conserve the environment by eliminating printing and mailing of paper checks.

For information regarding the payment process, please email Auditorap@mendocinocounty.gov.



State of California - Natural Resources Agency
 DEPARTMENT OF FISH AND WILDLIFE
 P.O. Box 944209
 Sacramento, CA 94244-2090
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director



**Cannabis Restoration Grant Program
 Upper Russian River Groundwater Dependent Ecosystem and
 Interconnected Surface Water Study
 Grant Agreement Number – Q2496105**

GRANTOR: State of California, acting by and through
 The California Department of Fish and Wildlife
 P.O. Box 944209
 Sacramento, CA 94244–2090

GRANTEE: Ukiah Valley Groundwater Sustainability Agency
 340 Lake Mendocino Drive
 Ukiah, CA 95482

SECTION 1 – LEGAL BASIS OF AWARD

Pursuant to Revenue and Taxation Code Section 34019(f)(2).and Fish and Game Code Section 1501.5(b), the California Department of Fish and Wildlife (Grantor or CDFW), is authorized to enter into this grant agreement (Agreement) and to make an award to the Ukiah Valley Groundwater Sustainability Agency (Grantee), for the purposes set forth herein. Grantee accepts the grant on the terms and conditions of this Agreement. Accordingly, Grantor and Grantee (Parties) hereby agree as follows:

SECTION 2 – GRANT AWARD

2.01 Grant: In accordance with the terms and conditions of this Agreement, including Section 5.03 – General Terms and Conditions, Grantor shall provide Grantee with a maximum of \$1,359,500 (Grant Funds) to financially support and assist Grantee’s implementation of the Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Water Study (Project).

2.02 Term: The term of this agreement is upon Grantor approval, through March 1, 2028.

SECTION 3 – ELIGIBLE USES OF GRANT

Only Grantee expenditures that are necessary to implement the Project, comply with applicable federal and State of California law, and made in accordance with Section 6 – Project Statement and Section 9 – Budget and Payment as set forth within this Agreement are eligible for reimbursement from the Grant Funds.

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SECTION 4 – GRANTEE’S REPRESENTATIONS AND WARRANTIES

Grantee represents and warrants to Grantor as follows:

- 4.01 Existence and Power:** Grantee is a public entity, validly existing, and in good standing under the laws of California. Grantee has full power and authority to transact the business in which it is engaged and full power, authority, and legal right to execute and deliver this Agreement and incur and perform its obligations hereunder.
- 4.02 Binding Obligation:** This Agreement has been duly authorized, executed and delivered on behalf of Grantee and constitutes the legal, valid, and binding obligation of Grantee, enforceable in accordance with the Agreement’s terms.

SECTION 5 – GRANTEE’S AGREEMENTS

- 5.01 Purpose:** This Agreement is entered into by the Parties for the purpose of providing financial support to Grantee to complete the Project, specifically the activities identified within Section 6 – Project Statement.
- 5.02 Project:** Grantee will complete the Project as set forth in Section 6 - Project Statement.
- 5.03 General Terms and Conditions:** Public Entities General Grant Provisions (Exhibit 1.a) and Notice of Economic Sanctions (Exhibit 3) is attached hereto and made a part of this Agreement.
- 5.04 Submission of Reports:** Grantee shall comply with the format, content, and timing requirements set out in Section 8 – Reports. Failure to submit timely and accurate reports shall be considered evidence of non-compliance with this Agreement and shall permit termination of this Agreement by Grantor.
- 5.05 Amendments, Personnel, Schedule, and Budget Revisions:** Grantee shall submit any request to amend any term of this Agreement in writing to the CDFW Grant Manager. Grantee must include an explanation of and justification for any such request. This Agreement may only be amended in accordance with Section 2 of Exhibit 1.a, except that the CDFW Grant Manager may approve via email the following types of requests:
 - 1. Changes that do not alter the Project Description, Project Term, or Budget, including:
 - a. Substitution of personnel or subcontractors (Categories A and B, Line Item Budget, Section 9.01); and
 - b. Revision of estimated completion dates (Schedule of Due Dates and Deliverables, Section 6.03).

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2. Proposed revisions to the Budget (Section 9.01) to shift funds between existing line items or categories when those proposed revisions meet all of the following requirements:
 - a. Are consistent with the Project as detailed in Section 6 - Project Statement;
 - b. Do not increase the total amount of Grant Funds;
 - c. Do not, in the aggregate, transfer more than 10% of the Grant Funds relative to the initial Budget in this Agreement or the Budget in an amendment to this Agreement executed in accordance with Section 2 of Exhibit 1.a. An amendment executed in accordance with Section 2 of Exhibit 1.a will reset the 10% threshold.

5.06 Acknowledgement of Credit: Grantee shall recognize the cooperative nature of the Project and shall provide credit to “Cannabis Restoration Grant Program” and “California Department of Fish and Wildlife” on signs, demonstrations, promotional materials, advertisements, publications, presentations, or exhibits, websites, invitations, and other media-related and public-outreach products prepared or approved by Grantee referencing the Project. Grantee shall submit any media-related and public-outreach products to the CDFW Grant Manager for a mandatory 14 calendar review. Grantee shall post one or more sign(s) on the Property (as defined in Section 6.03.1 – Location) to indicate the participation of “California Department of Fish and Wildlife” using “Cannabis Restoration Grant Program” funding. Any sign installed on the Property referencing the Project shall be subject to the mutual agreement of Grantor, Grantee, and Landowner (as defined in Section 6.03.1 – Location) regarding text, design, and location. Grantee shall follow all acknowledgement of credit requirements for media and communications per CDFW’s Office of Communication, Education and Outreach style guide.

5.07 Notice to Proceed and Landowner Access: Grantee must not proceed with on the ground activities under Task 2: Monitoring Plan Development until it has received a Notice to Proceed from the CDFW Grant Manager. The CDFW Grant Manager will not issue a Notice to Proceed until Grantee has secured all required permits, provided copies of such permits to the CDFW Grant Manager, and secured Landowner Access Agreements (as defined in Section 6.02.4 of this Agreement) that the CDFW Grant Manager determines is adequate.

SECTION 6 – PROJECT STATEMENT

6.01 Introduction: This Project will characterize surface and groundwater interconnection and groundwater-dependent ecosystems that support Chinook salmon and steelhead in the upper Russian River and its fish bearing tributaries within the Ukiah Valley Basin and adjacent watersheds. Geochemical, biological,

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and physical monitoring will be combined with hydrological modeling to characterize the spatial extent and timing of interconnection under management, climate scenarios, and ecosystem impacts. This Project will allow proactive recommendations to be made to improve ecosystem outcomes, benefit instream flows, and support salmonids within the basin. The results of this Project will guide water resource management and conservation land acquisitions.

6.02 Objectives: This Project seeks to advance protection of interconnected surface waters and groundwater dependent ecosystems. Specific objectives of this Project are to:

1. Monitor waters through desktop and modeling exercises, including detailed aerial and field-level biological surveys.
2. Create an expanded monitoring network including well sensors and geochemical and isotopic measurements.
3. Develop a long-term monitoring plan and recommendations for water resource management strategies within the Basin.

6.03 Project Description:

6.03.1 Location: The Project is located on approximately one acre of privately-owned and publicly-owned land located at 39.145067, -123.20010, in Mendocino County, California (Property).

6.03.2 Project Type: This Wildlife and Habitat Enhancement project is expected to advance protection of interconnected surface waters and groundwater dependent ecosystems that support Chinook salmon and steelhead in the upper Russian River and its fish bearing tributaries within the Ukiah Valley Basin and adjacent watersheds.

6.03.3 Materials and Equipment: Equipment purchases must comply with Section 19 of Exhibit 1.a. All materials and equipment are included in subcontractor costs or will be provided as cost share by Grantee.

6.03.4 Project Implementation: Consistent with Grantee's proposal for the Project, Grantee will complete the following tasks in accordance with Section 6.03 – Schedule of Due Dates and Deliverables.

Task 1 – Project Management and Administration

Grantee will provide technical and administrative services associated with implementation of the Project, including managing this Agreement, assuring all permits are finalized, securing landowner access agreements, administering subcontracts, invoicing and payments, drafting and finalizing progress and final reports, and data management.

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Subtask 1.1 – Data Management

Grantee will coordinate data management activities. Grantee, its subcontractors and collaborators shall be responsible for ensuring that data collection, data acquisition, and/or data development activities will incorporate the standards expressed in CDFW's Scientific Integrity Policy (<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=154775&inline>) and Scientific Data Governance Policy. Grantee shall submit a Data Management Plan. The CDFW Grant Manager will provide the Data Management Plan form upon Grant execution.

Grantee and its subcontractors and/or collaborators are responsible for ensuring that project data are collected using peer-approved methods, undergo a quality control and accuracy assessment process, include metadata that meet CDFW's minimum standards (<https://www.wildlife.ca.gov/Data/BIOS/Metadata>) and include documentation of the methods and quality assessments utilized, and are properly stored and protected until the Project has been completed and data have been delivered as required under this Grant Agreement.

All scientific data collection efforts are required to include metadata files or records indicating at a minimum:

1. Who collected the data;
2. When the data was collected;
3. Where the data was collected;
4. How the data was collected (description of methods and protocols);
5. The purposes for which the data was collected;
6. Definitions of variables, fields, codes, and abbreviations used in the data, including units of measure;
7. The terms of any landowner access agreement(s), if applicable;
8. References to any related Department permits or regulatory actions;
9. Peer review or statistical consultation documentation; and
10. Data licensing and disclaimer language.

All data and associated metadata collected by or created under this

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Agreement are a required deliverable of this Agreement. All data deliverables should be budgeted for and included in the Project timeline as a part of this Agreement. A condition of final payment on this Agreement shall include the delivery of all related data assets. Geospatial data must be delivered in an industry-standard geospatial data format where applicable and documented with metadata in accordance with the CDFW Minimum Metadata Standards.

Data related to observation, occurrence, or distribution of state or federal special status species or California Native Plant Society listed species shall be reported to the [California Natural Diversity Database](#) (CNDDDB) using the online field survey form or other digital method.

Consistent with Fish and Game Code Section 857, subdivision (a), Grantee will obtain written landowner consent for data collection requiring access to private lands. The permission letter must state that Grantor cannot limit the distribution of data collected on private land unless the law specifically exempts such data from disclosure. This provision does not apply to emergencies or to wildlife officers carrying out peace officer duties pursuant to Fish and Game Code Section 857, subdivisions (b) and (c), and other laws.

For scientific data collection from an Indian tribe or requiring access to tribal lands, Grantee will work cooperatively with the specific tribe to develop an agreement with the tribe consistent with the tribal communication and consultation policies established by CDFW Bulletin 2014-07 (<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=122905&inline>).

Water quality data generated by the Project will be collected in a manner that is compatible and consistent with the California Environmental Data Exchange Network (CEDEN, https://www.sfei.org/rdc_tools) (CWC §79704). Grantee shall upload relevant data to CEDEN and provide a receipt of successful data submission, generated by CEDEN, to the CDFW Grant Manager prior to submitting a Final Invoice.

Groundwater monitoring data generated by the Project will be collected and reported in a manner that is compatible and consistent with the groundwater data systems administered by the State Water Resources Control Board (CWC § 79704). Grantee shall upload relevant data to GeoTracker GAMA (<https://www.waterboards.ca.gov/gama/>) and provide proof of successful data submission to the CDFW Grant Manager prior to submitting a Final Invoice.

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Task 1.2 – Landowner Access Agreements

Grantee will obtain and submit to the CDFW Grant Manager copies of all required landowner access agreements for Project monitoring sites.

Task 2: Monitoring Plan Development

Grantee, in collaboration with Environmental Geotechnical, and Mendocino County Resource Conservation District subcontractors, shall complete the following, but not limited to:

1. Will conduct aerial and field-level biological surveys, including fish counts, throughout the Ukiah Valley Basin and its watershed.
2. Combine this new characterization with stakeholder and Tribal input to design an expanded integrated surface water monitoring network with adequate coverage in the upper Russian River and its key fish-bearing tributaries. The City of Ukiah will be consulted to ensure that the network supports their effort to expand open space holdings in the Western Hills.
3. Install continuous sensors to measure temperature and water level in up to 10 wells that complement the existing network.
4. Develop a plan for assessment and long-term monitoring of groundwater influx using geochemical tools and field and aerial surveys.

Grantee will submit to CDFW Grant Manager a monitoring plan and baseline monitoring report for the project.

Task 3: Water Resource Management Recommendations

Grantee, in collaboration with Environmental Geotechnical subcontractor, shall complete the following, but not limited to:

1. Update the Ukiah Valley Basin Integrated Hydrological Model (UVIHM) to incorporate results from monitoring to improve characterization of the shallow aquifer, surface water interconnection and the streamflow budget.
2. Use the UVIHM to run pumping and surface water management scenarios under differing climate and Potter Valley Project diversion conditions to understand potential impacts. Develop a report containing guidance for water resource management that minimizes impacts to key habitat for sensitive fish species, under a variety of conditions.
3. Share the results with stakeholders and Tribes in a public meeting.

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Grantee will submit to CDFW Grant Manager a report containing water management recommendations, and public meeting information.

6.04 Schedule of Due Dates and Deliverables:

<u>Task</u>	<u>Description</u>	<u>Deliverables</u>	<u>Estimated Completion Dates</u>
1	Project Management and Administration	Progress Reports	A progress report is due with each submitted invoice or at least quarterly.
		Invoices	Due no more frequently than monthly and no less frequently than quarterly following grant execution.
		Copies of Executed Subcontracts	Due Quarterly, upon execution.
		Final Progress Report	03/01/2028
		Final Invoice	Due no later than 45 days after the Grant Term end date. 04/15/2028
1.1	Data Management	Data Management Plan and proof of data submission to public portals	Due no later than the Grant Term end date. 03/01/2028
1.2	Landowner Access Agreements	Copies of Landowner Access Agreements	Due Quarterly, upon execution.
2	Monitoring Plan Development	Monitoring plan and baseline monitoring report	03/01/2028
3	Water Resource Management Recommendations	Report containing water management recommendations, and public meeting information	03/01/2028

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SECTION 7 – CONTACTS

The point of contact may be changed at any time by either party by providing a 10–day advance written notice to the other party. The Parties hereby designate the following points of contact during the Term of this Agreement:

CDFW Grant Manager		Grantee Project Manager	
Name:	Sinan Dunlap	Name:	Harry Starkey
Title:	Grant Manager	Title:	General Manager
Address:	1010 Riverside Pkwy West Sacramento, CA 95605	Address:	340 Lake Mendocino Drive Ukiah, CA 95482
Phone:	(916) 594-5374	Phone:	(707) 370-4170
Email:	Sinan.Dunlap@Wildlife.ca.gov	Email:	admin@ukiahvalleygroundwater.org

Direct all administrative inquiries to:

CDFW Grant Coordinator		Grantee Project Coordinator	
Name:	Mayra Mejia-Sexton	Name:	Harry Starkey
Title:	CDFW Grant Coordinator	Title:	General Manager
Address:	1010 Riverside Pkwy West Sacramento, CA 95605	Address:	340 Lake Mendocino Drive Ukiah, CA 95482
Phone:	(916) 594-4863	Phone:	(707) 370-4170
Email:	Mayra.Mejia-Sexton@Wildlife.ca.gov	Email:	admin@ukiahvalleygroundwater.org

SECTION 8 – REPORTS

8.01 Progress Reports: Grantee shall submit Progress Reports with each invoice or at least quarterly that comply with the requirements below to the CDFW Grant manager. The CDFW Grant Manager will provide Grantee with progress report templates.

Requirements:

1. Grantee name, the Project title, this Agreement number, and dates progress report covers;
2. Activities and tasks performed and/or completed, a summary of progress to date including progress since the last report, and a brief outline of upcoming work scheduled for the subsequent period;
3. Documentation of all subcontractor activities;
4. Updates on progress towards meeting project objectives, output and outcome performance measures;
5. Document delivery of any intermediate work products;

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6. Costs incurred during the subject period, total of costs incurred to date, and the remaining balance;
7. Any problems encountered while performing the tasks and proposed solutions, timeline for resolution, and status of previously unresolved problems; and
8. Grantee must submit Progress Reports electronically in PDF or Microsoft Word compatible format and conform to the templates provided by the CDFW Grant Manager.

8.02 Final Progress Report: Grantee must submit Final Progress Report electronically to the CDFW Grant Manager by the dates listed in Section 6.03 – Schedule of Due Dates and Deliverables. The Final Progress Report must summarize the life of the Agreement and describe the work and results pursuant to Section 6 - Project Statement, as well as summarize the Project’s accomplishments consistent with the project’s objectives. Grantee will include a Final Invoice (as defined in Section 9.02.2 of this Agreement) with the Final Progress Report. The CDFW Grant Manager will provide Grantee a final progress report template.

8.03 Document Accessibility: Grantee must submit all documentation required as part of this agreement to the CDFW Grant Manager in a format that meets web content accessibility standards (<https://www.wildlife.ca.gov/Accessibility>).

SECTION 9 – BUDGET AND PAYMENT

9.01 Budget Details and Funding Summary: Grantor will provide an amount not to exceed **\$1,359,500** as detailed below in the Line Item Budget Detail (Budget) below. Grantee or its partners will provide up to **\$45,000** in funds or in-kind services as cost share to complete tasks described in Section 6 – Project Statement. Grantee will provide Grantor accurate records of all cost share with Grantee’s Final Report.

Line Item Budget Detail	
A. PERSONNEL SERVICES	
Personnel	\$80,000
Subtotal Personnel Services	\$80,000
Staff Benefits	\$0
Subtotal Personnel Services	\$80,000
B. OPERATING EXPENSES: GENERAL	
General Expenses (postage, office supplies, NOT IN Indirect Charges)	\$2,000
Travel (Not to exceed State reimbursement rates)	\$30,000
Subtotal Operating Expenses: General	\$32,000
C. OPERATING EXPENSES: SUBCONTRACTORS	

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Line Item Budget Detail	
Subcontractor 1 – Environmental Geotechnical	\$1,217,500
Subcontractor 2 – Mendocino County Resource Conservation District	\$30,000
Subtotal Operating Expenses: Subcontractors	\$1,247,500
D. OPERATING EXPENSES: EQUIPMENT	
NA	\$0
Subtotal Operating Expenses: Equipment	\$0
E. INDIRECT COSTS	
Indirect Charge Rate N/A (Applies to Sections A + B, and the first \$25K of each subcontractor)	\$0
F. GRAND TOTAL (A+B+C+D+E)	\$1,359,500

Any changes or modifications to a fund source indicated below must be promptly reported to CDFW Grant Manager, in writing.

Funding Sources Summary			
Source of Funds	Cash	In-Kind	Total
CDFW	\$1,359,500	\$0	\$1,359,500
Other State Agency(ies) City of Ukiah	\$0	\$0	\$0
Federal (List by name)	\$0	\$0	\$0
Grantee	\$0	\$0	\$0
Other(s) including partners (City of Ukiah)	\$0	\$45,000	\$0
Total Project Cost	\$1,359,500	\$45,000	\$1,404,500

9.02 Payment Provisions:

9.02.1 Disbursements: Grantor will disburse Grant Funds to Grantee not more frequently than monthly in arrears, upon receipt of an original itemized invoice and any required mandatory documentation as identified in Section 6.03 – Schedule of Due Dates and Deliverables.

Grant disbursements will be mailed to the following Grantee address:

Grantee Name:	Ukiah Valley Basin Groundwater Sustainability Agency
Attention:	Amber Fisette
Address:	340 Lake Mendocino Dr. Ukiah, CA 95482

9.02.2 Invoice Documentation: Each invoice for payment must be accompanied by a written description, not to exceed two pages in length,

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of Grantee's performance under this Agreement since the time the previous such report was prepared. The report must describe the types of activities and specific accomplishments during the period for which the payment is being made rather than merely listing the number of hours worked during the reporting period. The report may be in the form of a Monthly OR Quarterly Progress Report. The final invoice must include a budget summary of all cost share expenditures by fund source, as applicable (Final Invoice). The CDFW Grant Manager will provide Grantee with a sample invoice template. The Final Invoice is due in accordance with Section 6.03 – Schedule of Due Dates and Deliverables. The invoice package must be submitted electronically through CDFW's WebGrants system to the CDFW Grant Manager.

Requirements: The invoice must contain the following information:

1. The word "Invoice" should appear in a prominent location at the top of the page(s);
2. Printed name of Grantee on company letterhead;
3. Grantee's business address, including P.O. Box, City, State, and Zip Code;
4. Name of the CDFW Region/Division being billed;
5. The invoice date and the time period covered; i.e., the term "from" and "to";
6. This Agreement number and the sequential number of the invoice (i.e., Q2496105–Invoice 1);
7. The invoice must be itemized using the categories and following the format of the Budget;
8. The total amount due. This should be in a prominent location in the lower right-hand portion of the last page and clearly distinguished from other figures or computations appearing on the invoice. The total amount due will include all costs incurred by Grantee under the terms of this grant;
9. The original signature of Grantee; and
10. Grantee must provide supporting documentation for the invoice and actual receipts.



**UKIAH VALLEY BASIN
GROUNDWATER SUSTAINABILITY AGENCY (GSA)**

STAFF REPORT

SUBJECT:Sustainability Groundwater Management Act (SGMA) Facilitation Support Services (FSS) Implementation Service Plan.

PREPARED BY: Blake Adams, Chief Resiliency Officer

PRESENTER: Blake Adams, General Manager, UVBGSA
Elizabeth Salamone, General Manager, Mendocino County Russian River Flood Control & Water Conservation Improvement District

ATTACHMENTS:

1. ISP79 Ukiah
2. ISP79 Ukiah Recipient

Summary:The UVBGSA is currently transitioning GSA Administrator responsibilities from an external consultant to the City of Ukiah. The FSS request is intended to support the transition of GSA administrative responsibilities, clarify roles and responsibilities for operations and management, and help the GSA identify goals, strategies, and tactics to support implementation of the Ukiah Valley Basin Groundwater Sustainability Plan (UVBGSP). The FSS Ad Hoc Committee was comprised of individuals from the GSA Board and the TAC which was formed for the purpose of directing and managing the contractor in implementation of the activities outlined in the Implementation Strategy Plan (ISP). As a practical next step, Staff is recommending that the Board direct the TAC to re-form the FSS Ad Hoc Committee and engage with Stantec, the firm selected by DWR to provide FSS to UVBGSA.

Background: The County of Mendocino is the founding and administering agency for the Ukiah Valley Basin Groundwater Sustainability Agency(UVBGSA). The County sought facilitation support for increasing public outreach and engagement with the UVBGSA as well as determining the funding mechanism to pay for the ongoing administration costs and implementation responsibilities of the UVBGSA. The County also sought support in working with the six tribal nations in the Ukiah Valley Basin to encourage engagement and to ensure their interests are represented in the Sustainability Groundwater Management Act (SGMA) process. The County is the administering agency of the UVBGSA ensuring budgetary responsibility, coordinating meetings and acting as the liaison between the UVBGSA members, technical advisory team, contracted consultant Larry Walker and Associates (LWA), and the public.

The County which benefits from a higher level of capacity than other members in the UVBGSA has, on their behalf, implemented data-gathering exercises to collect historical groundwater levels and better understand the interaction between surface water and groundwater in the Ukiah Valley Basin (UVB). The County is currently working with LWA on Groundwater Sustainability Plan development, including the planning and installation of stream gauges and monitoring wells throughout the UVB to aid in future data collection and analysis by the UVBGSA. The County has also led public outreach and consultation efforts to inform community members within the Ukiah Valley Basin about the roles and responsibilities of the UVBGSA and to source ideas for future projects and management actions that would promote groundwater sustainability within the basin. There are currently no active professional facilitation services being provided to the UVBGSA. The UVBGSA has contracted LWA to provide technical assistance in building a groundwater model and writing the Groundwater Sustainability Plan. LWA has subcontracted SCI Consulting, a public finance and urban economic consulting firm, to provide recommendations on how to fund the UVBGSA. The UVBGSA has two challenges that we would require facilitation support for.

The first is a need for greater discussion with each of the members regarding the ongoing funding of the UVBGSA. The UVBGSA Joint Powers Agreement (JPA) does not require the member agencies to contribute any funding beyond 2021; instead, it is all voluntary contributions. SCI Consulting, a subcontractor for LWA, has provided financial analysis for the UVBGSA and estimates that the annual operating costs for the UVBGSA are in the range of 150-250 thousand dollars. Some members have expressed reluctance at paying into the ongoing funding of the UVBGSA. The County would like assistance in facilitating discussions with each of the member agencies and their respective boards to better explain the benefits of remaining in the UVBGSA, have a better understanding of what each agency is able to contribute for funding and across the respective members, what an equitable funding strategy could look like. Additionally, should member agencies not be able to fund the GSA solely with member contributions, facilitation support is needed to help guide the Board through the decision-making process to determine alternative funding mechanisms.

The second challenge is engaging the six tribal nations within the Ukiah Valley Basin (UVB). When the JPA was written the six tribes agreed to nominate a single representative to represent their collaborative interests. The Tribal Representative seat has currently sat empty since November of 2020 as the six tribes are either unavailable to be reached or have not been able to come to a consensus on a joint representative. As they are each sovereign nations, some have expressed concern that a single tribal representative is not sufficient to represent the diverse interests of six nations. However, when writing the JPA, the intention in allowing only a single tribal representative to speak for the six nations was to ensure that votes on the Board were equally distributed and not favoring any particular group. The County of Mendocino working on behalf of the UVBGSA would like assistance in bringing each of the Tribal Nations to the discussion table to assist them in discussing the nomination process of a single representative and present strategies on how to ensure each Tribal nation has their voice heard through the single representative.

Discussion: The following tasks are included in the proposed scope of work:

- Meet with each of the member agencies to review funding structures and ability to pay.
- Facilitate discussion on development of alternative funding mechanisms.
- Provide information on the benefits of inclusion into the GSA as well as explaining alternative State Intervention if water is not managed locally.
- Contact each Tribal Nation and organize meetings with County support.
- Present alternative nomination processes and meeting strategies to allow each of the six tribal nations in the UVB to have equal representation of views and opinions on the Board of the UVBGSA.
- Help facilitate public outreach.

Recommended Action: Staff recommends that the Board direct the Technical Advisory Committee (TAC) to re-form the FSS Ad Hoc Committee and engage with Stantec, the firm selected by the Department of Water Resources (DWR) to provide FSS to the Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA/GSA).



CALIFORNIA DEPARTMENT OF WATER RESOURCES

SUSTAINABLE GROUNDWATER MANAGEMENT OFFICE

715 P Street | Sacramento, CA 95814 | P.O. Box 942836 | Sacramento, CA 94236-0001

March 10, 2025

Elizabeth Salomone
DistrictManager@rrfc.net

Subject: DWR Facilitation Support Services (FSS): Ukiah Valley Basin (1-052)

Dear Ms. Salomone,

The California Department of Water Resources (DWR) is pleased to notify the Ukiah Valley Basin Groundwater Sustainability Agency (GSA) of our approval of your application to the Department's Facilitation Support Services (FSS) Program for the Ukiah Valley Basin (1-052). Attached to this letter is a copy of the FSS scope of work authorized by DWR to assist your agency in the subbasin in facilitation and outreach actions.

Services to be provided to the Ukiah Valley Basin will be provided by Stantec's Senior Facilitator Christy Clark, Facilitator II Marisa Perez-Reyes, and Facilitator II Bridget Lowry, available to DWR via Contract 4600015545, AM-03 (Stantec Consulting Services Inc.). The Team of Facilitators will invoice DWR directly, and not the GSA, for these services. As described in the attached scope, the total labor hours provided for ISP-79 is not to exceed 486 with a period of performance ending by March 31, 2026. As always, please do not hesitate to contact your DWR Regional Coordinator if you have any questions.

Regards,

Christina Boggs-Chavira
 Senior Engineering Geologist
 Attachment: Implementation Service Plan No. 79 Recipient Copy

SGMA FACILITATION SUPPORT SERVICES IMPLEMENTATION SERVICE PLAN

ISP No. 79: Ukiah Valley Basin (1-052)

Ukiah Valley Basin Groundwater Sustainability Agency

I. PREAMBLE

The Department of Water Resources (DWR) is offering Facilitation Support Services (FSS) to assist Groundwater Sustainability Agencies (GSAs) and local water management groups foster discussions that contribute towards implementing the Sustainable Groundwater Management Act (SGMA).

II. DESCRIPTION OF SERVICES

Under DWR Contract No. 4600015545, AM-03 Stantec Consulting Services Inc. (Contractor) provides FSS professional services in the nine below listed categories in support of DWR's Sustainable Groundwater Management Program.

1. Stakeholder Assessments
2. Governance Development
3. Stakeholder Communication and Engagement Planning and Support
4. Public and Stakeholder Outreach
5. Targeted Outreach to Underrepresented Groundwater Users
6. Tribal Government Outreach and Engagement
7. Meeting Facilitation
8. Intra-Basin and Inter-Basin Coordination Support
9. Interest-Based Negotiation

Implementation Service Plan (ISP) No. 79: Ukiah Valley Basin (1-052) authorizes Contractor to deliver one or more of the services listed above to support the SGMA Program in the Ukiah Valley Basin.

DWR has established a not-to-exceed budget of 486 labor hours and \$1,720.00 for travel and other direct costs to execute the Scope of Work by March 31, 2026, unless amended.

III. BACKGROUND

This ISP responds to an application for professional facilitation support by the Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA) which acts as the sole GSA and plan manager for the Ukiah Valley Basin Groundwater Sustainability Plan (GSP), which was approved by DWR on July 27, 2023. The UVBGSA is a Joint Powers Agreement (JPA) between the County of Mendocino, City of Ukiah, Mendocino County Russian River Flood Control and Water Conservation Improvement District, and the Upper Russian River Water Agency.

The UVBGSA is governed by a six-member Board of Directors that includes a representative from each of the four member agencies, plus an Agricultural Representative (nominated by the Mendocino Farm Bureau) and Tribal Representative (selected by the six Tribes in the Basin: Redwood Valley Little River Band of Pomo Indians, Pinoleville Pomo Nation, Guidiville Rancheria, Yokayo Tribe of Indians, Coyote Valley Rancheria, and Potter Valley Tribe).

The UVBGSA is supported by a nine-member Technical Advisory Committee (TAC) made up of representatives from each of the four member agencies plus Sonoma County Water Agency, Mendocino County Resource Conservation District, California Land Stewardship Institute, a Tribal Seat, and an Agricultural Seat. The TAC advises the GSA Board on issues of a technical nature, related to the activities of the GSA.

The UVBGSA is currently transitioning GSA Administrator responsibilities from an external consultant to the City of Ukiah. This FSS request is intended to support the transition of GSA administrative responsibilities, clarify roles and responsibilities for operations and management, and help the GSA identify goals, strategies, and tactics to support implementation of the UVBGSP.

An FSS Ad Hoc Committee made up of individuals from the GSA Board and TAC was formed for the purpose of directing and managing the contractor in implementation of the activities outlined in this ISP.

IV. KEY FACILITATION TASKS

Key activities supported by this ISP include completion of a situation assessment and strategic planning document, governance development, Tribal outreach, and public outreach and education.

Task 1. Strategic Planning

March 1, 2025 – June 30, 2025

Activities provided under this task include conduct of a situation assessment (inclusive of interviews) and the subsequent development of a Strategic Plan to characterize key areas of challenge and opportunity for the GSA, and identify and prioritize near- and long-term goals, strategies, and requirements for implementation of the UVBGSP. The task includes:

- **Situation Assessment:**
 - Process Initiation:
 - Project Kick Off Meeting: Includes establishment of a work plan in coordination with FSS Ad Hoc Committee to confirm data needs, goals and objectives; review of draft interview questionnaire and interviewee list; and a detailed implementation schedule. Meeting to be held by webinar.
 - Desktop Review: Includes conduct of a desktop review of existing GSA Board actions and materials to understand recent activities and developments in GSA governance and operations. Desktop review may include a review of recent Board meeting minutes, scope of work for GSA Administrator, and DWR GSP approval letter and corrective actions.

- Interviews: Includes preparation, conduct, and note-taking for up to twelve (12) interviews with GSA Board members, TAC members, and select interested parties to identify key areas of challenge and opportunity for the GSA, and to gather input on major near- and long-term goals and objectives consistent with the UVBGSA's SGMA responsibilities. Interviews may be conducted one-on-one or in small groups.
- Presentation of Findings: Includes compilation of interview results into a PowerPoint presentation to be delivered during a publicly noticed joint meeting of the Board and TAC. The Presentation of Findings is anticipated to highlight key outcomes from the interviews, including a draft shared vision statement and high-level reflections on potential goals, strategies, and tactics for the Strategic Plan.
- **Strategic Plan:**
 - Develop a draft Strategic Plan articulating a shared vision for GSA management and key goals, objectives, and tactics for the UVBGSA through 2030 based on input received from the TAC and Board during the Presentation of Findings.
 - The draft Strategic Plan is anticipated to be shared with the FSS Ad Hoc Committee for review, with comments and feedback to be provided in one document for the contractor to receive and integrate into an updated Strategic Plan.
 - Present the updated Strategic Plan at a publicly noticed Board meeting and facilitate discussion with the Board on the Strategic Plan's relationship to the GSA's priorities and other management activities undertaken by the Board.

Assumptions:

- **Situation Assessment:**
 - Process initiation assumed at 18 hours, including project kick off meeting, desktop review, and preparation of the interview questionnaire. FSS Ad Hoc Committee to provide budget-related documents, the scope of work of the previous GSA Administrator, and other documents identified during the project kick-off meeting.
 - Interview questionnaire assumed at up to two pages.
 - Interviews assumed to take place virtually at 3 hours each, including time for preparation, scheduling, and post-interview follow up. Interview participants are anticipated to be selected by the FSS Ad Hoc Committee.
 - Presentation of Findings assumed to take place in-person during a joint meeting of the Board and TAC and 30 hours of effort, inclusive of preparation and travel for two contractors.
- **Strategic Plan:**
 - Strategic Plan assumed at up to ten pages and 22 hours to develop, including incorporation of feedback from the FSS Ad Hoc Committee.
 - Board presentation and discussion around the Strategic Plan assumed to be virtual, during a regularly scheduled Board meeting. Presentation assumed at 10 hours to develop and deliver by two contractors.

Deliverables:

- Process Initiation Work Plan
- Interview Questionnaire
- Presentation of Findings
- Meeting Summary from Presentation of Findings
- Strategic Plan Presentation
- Updated Strategic Plan

Level of Effort (LOE):

Name	Classification	ISP 79 Hours
Christy Clark	Senior Facilitator	12
Bridget Lowry	Facilitator II	52
Marisa Perez-Reyes	Facilitator II	52

Task 2. Governance Development*March 1, 2025 – March 31, 2026*

Activities provided under this task include support for governance development activities, including operations planning, review of the GSA bylaws, and support for an amendment to the TAC Charter. These activities will be informed by the outcomes of the Situation Assessment and Strategic Plan conducted under Task 1. The task includes:

- **Operations Planning:**
 - With guidance from the FSS Ad Hoc Committee, identify the core functions and activities undertaken by the GSA for SGMA compliance and GSP implementation, including the duties and responsibilities of the GSA Administrator, GSA member agencies, TAC, and Board members. Coordination may also include review of additional background documents or materials (such as the scope of work for the new GSA Administrator) and discussion with the FSS Ad Hoc Committee about gaps and needs for additional support (such as the potential need for a GSA Managers Committee). Memorialize the roles and responsibilities of the GSA member agencies, Board, and TAC in managing GSP implementation activities in a draft Operations Planning Document.
 - The draft Operations Planning Document is anticipated to be shared with the FSS Ad Hoc Committee for review, with comments and feedback to be provided in one document for the contractor to receive and integrate into an updated Operations Planning Document.
 - Present the Operations Planning Document during a publicly noticed Board meeting. Includes support for developing an accompanying Staff Report and PowerPoint presentation.

- **Bylaws Review:**
 - With guidance from the FSS Ad Hoc Committee, review the existing GSA Bylaws and JPA to identify elements that may warrant revision to better reflect changing responsibilities for GSP implementation, inclusive of any changes precipitated by the Strategic and/or Operations Planning processes under this ISP, to ensure consistency and cohesion.
 - Prepare a Bylaws Review Memo documenting potential changes and processes for implementing changes.
 - Present the Bylaws Review Memo at a publicly noticed Board meeting. Includes support for developing an accompanying Staff Report.
- **Technical Advisory Committee (TAC) Charter Amendment:**
 - With guidance from the FSS Ad Hoc Committee, prepare an Amendment to the TAC Charter, reflective of any changing responsibilities under GSP implementation or as a result of the Strategic and/or Operations Planning processes under this ISP.
 - Develop a redline Charter for presentation to the TAC and Board that clearly identifies the suggested changes and revisions.
 - Attend one (1) TAC meeting to introduce the Charter revision process and one (1) Board meeting to present the Amended TAC Charter for adoption. Includes support for developing accompanying Staff Report(s).

Assumptions:

- **Operations Planning:**
 - Operations Planning Document assumed at up to ten pages and 40 hours of effort, including planning meetings with the FSS Ad Hoc Committee and incorporation of written feedback from the FSS Ad Hoc Committee on the draft Operations Planning Document.
 - Operations Planning Document presentation to the Board assumed to be virtual and 6 hours of effort for preparation of presentation and attendance by one contractor.
- **Bylaws Review:**
 - Bylaws Review Memo to occur in coordination with Blake Adams, General Manager of the GSA.
 - Bylaws Review memo assumed at up to six pages and 24 hours of effort.
 - Bylaws Review presentation to the Board assumed to be virtual and 6 hours of effort for attendance by one contractor.
- **TAC Charter Amendment:**
 - Development of Redline Charter assumed at 12 hours of effort.
 - TAC and Board meeting presentations assumed to be virtual and 6 hours each for attendance by one (1) contractor.

Deliverables:

- Operations Planning Document
- Presentation of the Operations Planning Document

- Bylaws Review Memo
- TAC Charter Amendment
- Staff Reports

Level of Effort (LOE):

Name	Classification	ISP 79 Hours
Christy Clark	Senior Facilitator	11
Bridget Lowry	Facilitator II	38
Marisa Perez-Reyes	Facilitator II	51

Task 3. Tribal Outreach and Coordination

March 1, 2025 – March 31, 2026

Activities provided under this task include support for enhanced outreach with Tribes in the Ukiah Valley region for the purpose of relationship-building and increased opportunities for coordination and/or partnership on groundwater related activities or projects. The task includes:

- **Tribal Contact List:**
 - Support the maintenance of an up-to-date Tribal contact list developed under a previous ISP (No. 28) that includes contact information for Council members of the six area Tribes, as well as contact information for their staff who are involved in water or environmental management. The list will be reviewed quarterly with GSA Tribal representatives and updated accordingly (up to three times), as needed.
- **Support for Coordination with Area Tribes:**
 - Support GSA Tribal Representatives in conducting up to eight (8) coordination meetings with interested parties in the six area Tribes to provide information and hold dialogue about upcoming GSA TAC or Board agenda items that may be of potential interest. Meetings may include Tribal Council members and staff, Mendocino Lake Sonoma Tribal Environmental Partnership (MLSTEP) members, North Coast Resource Partnership Tribal representatives, or others. Up to two (2) of these meetings are anticipated to occur in person with the other six (6) taking place virtually. Support includes scheduling, materials development, notetaking, or other facilitation-related needs as identified by Tribal representatives on the TAC and GSA Board.
- **Tribal Workshop:**
 - Includes the facilitation of one (1) in-person workshop focused on Tribal engagement with the GSA. Workshop topics are anticipated to include GSP implementation activities and potential impacts, additional opportunities and methods of engagement with local Tribes, and/or Tribal representation on the GSA Board. Includes the development of a Workshop Facilitation Plan, Agenda, Materials as needed, and a Summary.

- **Tribal Informational Materials:**

- Includes the development of up to six (6) informational materials for the purpose of engaging with Tribes. Informational materials may take the form of newsletters, flyers, factsheets, or other products identified by the FSS Ad Hoc Committee.

Assumptions:

- Tribal Contact List:
 - Tribal Contact List assumed at 12 hours to develop and include support from the GSA Tribal Representatives and FSS Ad Hoc Committee. Quarterly updates to the contact list are assumed at six hours total.
- Support for Coordination with Area Tribes:
 - Coordination is assumed at 3 hours per virtual meeting and 12 hours per in-person meeting, inclusive of scheduling and logistical support, notetaking, materials development, travel (for in person occurrences), and other related tasks. Tribal coordination meetings are assumed to be attended by a GSA Tribal representative and may include the contractor on an as-needed basis.
- Tribal Workshop:
 - Workshop assumed to be in person and 42 hours of effort, for attendance by up to two contractors, inclusive of preparation and travel. Workshop content will be developed in close coordination with GSA Tribal representatives, FSS Ad Hoc Committee, and technical consultants to the GSA, as appropriate.
- Tribal Informational Materials:
 - Each informational material is assumed at up to two pages and 12 hours of effort. Content for informational materials will be developed in close coordination with GSA Tribal representatives, FSS Ad Hoc Committee, and technical consultants to the GSA, as appropriate.
 - Informational materials assumed to be provided to the GSA in electronic format.

Deliverables:

- Tribal Contact List
- Calendar Invitations for Tribal Coordination Meetings and other materials, as relevant
- Workshop Facilitation Plan
- Workshop Agenda
- Workshop Materials, as needed
- Workshop Summary
- Informational Materials

Level of Effort (LOE):

Name	Classification	ISP 79 Hours
Christy Clark	Senior Facilitator	10
Bridget Lowry	Facilitator II	82
Marisa Perez-Reyes	Facilitator II	82

Task 4. Public Outreach and Education*March 1, 2025 – March 31, 2026*

Activities provided under this task include facilitation of a workshop for members of the GSA Board and public as well as development of general informational materials to enhance community understanding and engagement with GSA activities.

- **Board and Public Education Workshop:**
 - Includes the facilitation of one (1) in-person workshop for members of the GSA Board and public to support their education and understanding of SGMA compliance, GSA funding needs, and the benefits of GSP projects and management actions. Workshop anticipated to be publicly noticed to allow for public participation and may be scheduled to coincide with a regular Board meeting. Workshop may include special guest speakers to provide subject matter expertise. Activity includes development of Workshop Facilitation Plan, Agenda, materials as needed, and Summary, and travel for up to two contractors to attend in person.
- **Informational Materials:**
 - Includes the development of up to four (4) informational materials such as Newsletters, Flyers, Fact Sheets, or other product identified by the FSS Ad Hoc Committee, for the purpose of enhancing community understanding and engagement with GSA activities, particularly SGMA compliance, GSA funding needs, and projects and management action benefits.

Assumptions:

- **Board and Public Education Workshop:**
 - Workshop assumed to be conducted in person at 36 hours of effort for attendance by up to two contractors. Workshop assumed to be advertised by the GSA through the interested parties database, and materials to be posted online. Workshop content will be developed in close coordination with FSS Ad Hoc Committee or their technical consultants, as appropriate.
- **Informational Materials:**
 - Each informational material is assumed at up to two pages and 10 hours of effort. Content for informational materials will be developed in close coordination with FSS Ad Hoc Committee or technical consultants, as appropriate.
 - Informational materials will be distributed electronically to interested parties and posted on the GSA website.
 - Informational materials assumed to be provided to the GSA in electronic format.

Deliverables:

- Workshop Facilitation Plan
- Workshop Agenda
- Workshop materials, as needed
- Workshop Summary

- Informational Materials

Level of Effort

Name	Classification	ISP 79 Hours
Christy Clark	Senior Facilitator	5
Bridget Lowry	Facilitator II	35
Marisa Perez-Reyes	Facilitator II	36

Task 5. Contract Management

March 1, 2025 – March 31, 2026

Activities anticipated under this task include:

- Prepare and submit monthly progress reports of activities in support of this ISP.
- Submittal of deliverables identified in this ISP.

Deliverables:

- Monthly Progress Report
- Submittal of deliverables identified in this ISP

Level of Effort (LOE):

Name	Classification	ISP 79 Hours
Bridget Lowry	Facilitator II	13
Marisa Perez-Reyes	Facilitator II	7

V. TERM

Work will occur in the period of *March 1, 2025 – March 31, 2026*.

VI. BUDGET ASSUMPTIONS

1. Travel and other direct costs are budgeted at \$1,720.00. Includes five 430-mile driving trips. Travel will be reimbursed at actual costs up to authorized state rates. The facilitator will work with Ukiah Valley Basin GSA to minimize travel and combine with other activities, as appropriate.
2. Ukiah Valley Basin GSA will provide for all other direct expenses including photocopies, meeting rooms, refreshments and other related items.
3. All materials will be transmitted electronically.
4. The ISP Budget Worksheet, Appendix A provides the budgeted cost breakdown for DWR.
5. In the event FSS funding provided through this ISP is used for activities that materially deviate from the authorized scope, the Department reserves the right to immediately suspend continued implementation of this ISP via written notification.

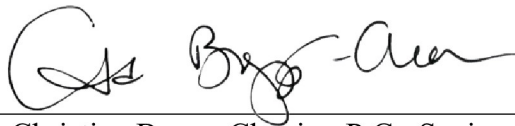
VII. CONTRACTOR STAFFING

Contractor will assign the individuals listed below to perform the professional-level services required in this Project. If for some reason anyone listed is unable or unavailable to perform as planned, any replacements or substitutes will be subject to prior approval by DWR.

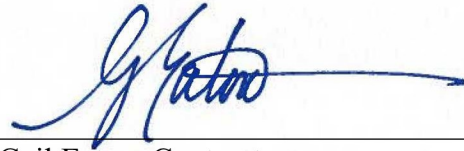
Job Classification	Assigned Staff
Senior Facilitator	Christy Clark
Facilitator II	Bridget Lowry
Facilitator II	Marisa Perez-Reyes

VIII. SIGNATURES

Approved by signature.



Christina Boggs-Chavira, P.G., Senior Engineering Geologist, DWR



Gail Eaton, Contractor



Emily Finnegan, Contractor



**UKIAH VALLEY BASIN
GROUNDWATER SUSTAINABILITY AGENCY (GSA)**

STAFF REPORT

SUBJECT:Annual Water Year 2024 Report Results.

PREPARED BY: Blake Adams, Chief Resiliency Officer

PRESENTER: Blake Adams, UVBGSA General Manager
Sean White, City of Ukiah Water Resources Director
Audra Bardsley, Larry Walker Associates Senior Scientist

ATTACHMENTS:

1. FINAL Ukiah Valley Basin WY 2024 Annual Report 2025-03-20

Summary:The 2014 California Sustainable Groundwater Management Act (SGMA) requires that, following adoption of a Groundwater Sustainability Plan (GSP), Groundwater Sustainability Agencies (GSAs) annually report on the condition of the basin in the previous water year and show that the GSP is being implemented in a manner that will likely achieve the sustainability goal for the basin. On March 31, 2025, the UVBGSA submitted the third Annual Report and describes groundwater conditions in the Basin during Water Year 2024. The results of that report are summarized below.

Background: Water Year 2024 experienced similar precipitation compared to Water Year 2023. The rainfall in the Basin in Water Year 2024 (38 inches (in)) was higher than the 32-year average (31 in) at the California Data Exchange Center for Coyote Dam (CDEC COY) station near Lake Mendocino. In recent years, several emergency measures were implemented by state and local agencies to reduce the impacts of the severe drought on beneficial users and uses in the Basin, including surface water curtailments, conservation measures, and outreach and education. However, due to the increased rainfall and improving drought conditions, all curtailment orders in the Russian River Watershed were rescinded as of March 2023.

Measured groundwater levels in Water Year 2024 do not indicate the occurrence of undesirable results. Fall 2024 groundwater elevations in the Basin varied moderately compared to conditions observed during Fall 2023, with some areas of groundwater level decline and some areas of groundwater rise. These increases and declines were generally less than 10 feet (ft) within most of the basin. There was an increase in storage of approximately 200 AF in Water Year 2024.

Total groundwater use increased slightly compared to values reported in the Water Year 2023 Report, likely in response to improved drought conditions and reduction of emergency drought measures

The GSP identified nitrate, specific conductivity, boron, iron, and manganese as the Constituents of Concern (COCs) to be monitored by the GSA. Measured groundwater (quality) concentrations during Water Year 2024 do not indicate the occurrence of undesirable results.

Estimated land subsidence was less than 0.1 ft of subsidence, which avoids the occurrence of undesirable results.

During Water Year 2024, the GSA instrumented three Regional Monitoring Program (RMP) wells with water level sensors and telemetry with plans to instrument additional wells in 2025. These installations bring the total number of wells instrumented in the Basin by the GSA to 11 (two multi-completion) with two additional wells in the monitoring network instrumented by partner agencies. During Water Year 2024, the GSA also began the

first phase of a Well Inventory Study to improve data on well locations and construction information, which will support more accurate modeling of groundwater dynamics in the basin, particularly regarding potential impacts of pumping on surface waters. During Water Year 2024, the GSA, its member agencies, and partners have continued making progress in furthering other Project and Management Actions (PMAs) defined in the GSP. The City of Ukiah's recycled water project delivered water to approximately 700 agricultural acres along the Russian River and institutional users, reducing surface water diversions by 764 acre-feet. The City secured a \$53.7 million grant from the California State Water Resources Control Board and began construction of the Phase 4 project in Spring 2024, which will increase recycled water production capacity by approximately 50%. Work began on a US Bureau of Reclamation WaterSMART funded project to enhance water resiliency in the Basin through improvements to the Ukiah Valley Integrated Hydrologic Model and modeling of various climate and management action scenarios that forecast potential impacts on Interconnected Surface Water (ISW) and groundwater levels, which will culminate in development of a Decision Support Tool to guide water users in the basin. In partnership with the GSA, the City of Ukiah submitted a proposal for an Ukiah Western Hills Land Acquisition project that would support source water protection in the Basin (decision pending). Finally, in June 2024 the GSA Board of Directors approved a groundwater sustainability fee to be collected with property taxes starting in Fall 2024. This new fee will allow the GSA to become financially self-sufficient by funding agency operations, studies, management actions, and reporting requirements.

Discussion: The full results of the Ukiah Valley Basin Groundwater Sustainability Annual Report for Water Year 2024 are outlined in the report.

Recommended Action: Ukiah Valley Basin Groundwater Sustainability Agency (UVBGSA/GSA) Staff and Larry Walker Associates (LWA) will update the Board on the results from Water Year 2024 Annual Report.

APRIL 2025

WATER YEAR 2024

**UKIAH VALLEY BASIN GROUNDWATER
SUSTAINABILITY AGENCY**

**Ukiah Valley Groundwater
Sustainability Plan Annual Report**

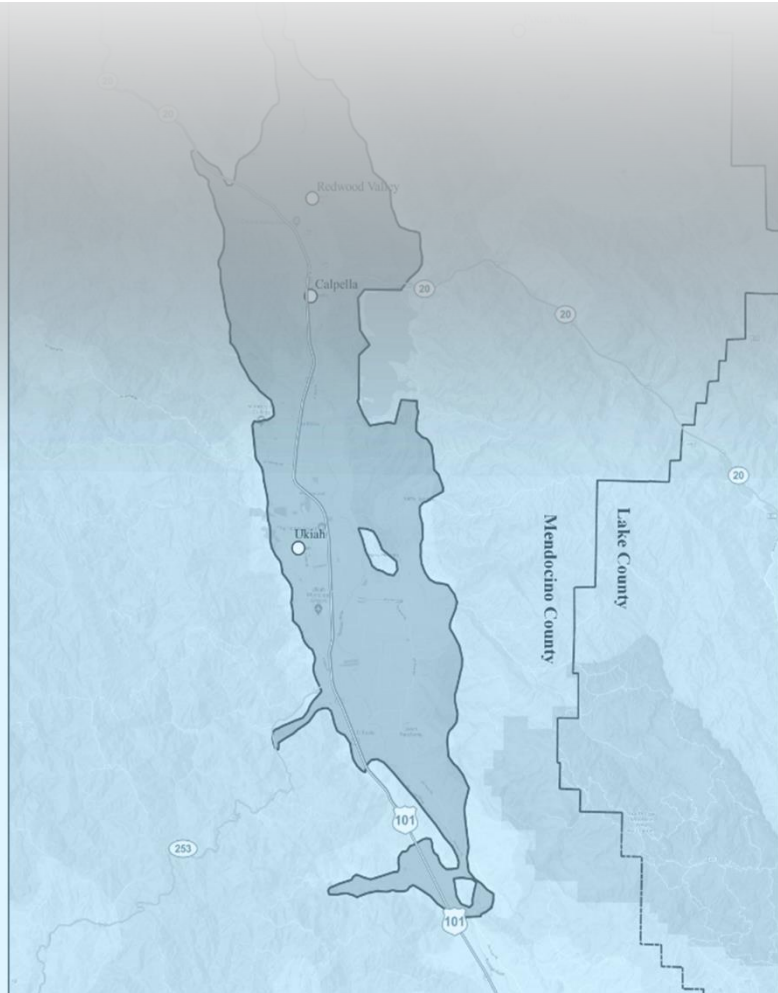


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Executive Summary

California Water Code (CWC) §356.2 requires the submission of an annual report to DWR by April 1 of each year following the adoption of the Groundwater Sustainability Plan (GSP). This report is the third annual report submitted to DWR and it provides an update on Basin conditions and plan implementation progress within the Ukiah Valley Groundwater Basin (Basin) for Water Year 2024 (October 1, 2023 – September 30, 2024). This report is prepared on behalf of the Ukiah Valley Basin Groundwater Sustainability Agency (GSA).

The Ukiah Valley GSP provides a path towards sustainable, long-term groundwater management that achieves the Basin's Sustainability Goal:

The Sustainability Goal of the Basin is to maintain groundwater resources in ways that best support the continued and long-term health of the people, the environment, and the economy in Ukiah Valley for generations to come.

To evaluate progress towards the goal, groundwater conditions are assessed for each applicable sustainability indicator (SI) in Water Year 2024. [Table 1](#) lists the SIs and defines the Measurable Objective (MO) and the Minimum/Maximum Threshold (MT), which are Sustainable Management Criteria (SMCs) included in Chapter 3 of the GSP; [Table 1](#) also defines the occurrence of undesirable results and provides an evaluation of compliance with the criteria for Water Year 2024.

The remainder of the Executive Summary presents key metrics for Water Year 2024, including groundwater level data, groundwater quality data, land subsidence data, estimated water use, estimated groundwater use, estimated groundwater storage change, and progress on Plan Implementation regarding projects and management actions. In the sections and appendices that follow the Executive Summary, each key metric is discussed in detail.

It is noted that Water Year 2024 experienced similar precipitation compared to Water Year 2023. Preliminary water year type calculations define Water Years 2020-2022 as the Dry and Critical water year types, however Water Year 2023 and Water Year 2024 both improved to the Above Normal water year type. According to the U.S. Drought Monitor, as of April 2023 Mendocino County was no longer considered to be in a drought or abnormally dry condition, whereas in April of 2022 Mendocino County was experiencing moderate drought. The rainfall in the Basin in Water Year 2024 (38 inches (in)) was higher than the 32-year average (31 in) at the CDEC COY station near Lake Mendocino. In recent years, several emergency measures were implemented by state and local agencies to reduce the impacts of the severe drought on beneficial users and uses in the Basin, including surface water curtailments, conservation measures, and outreach and education. However, due to the increased rainfall and improving drought conditions, all curtailment orders in the Russian River Watershed were rescinded as of March 2023.

Table 1: Summary of Sustainable Management Criteria

Sustainability Indicator	Minimum or Maximum Threshold (MT)	Measurable Objective (MO)	Occurrence of Undesirable Results	WY 2024 Annual Report Status
Groundwater Levels	The MT is the average of the three lowest fall historical measurements taken during drought periods or the historic maximum depth to water measurement. See GSP Section 3.4.3.	The MO is set as the average observed groundwater elevation in Fall or the 75th percentile of the Fall depth to groundwater measurement. See GSP Section 3.4.4.	Groundwater level ("Fall low") in more than one third of the RMPs in the Basin fall below their respective minimum thresholds for two consecutive years.	No occurrence of undesirable results.
Groundwater Storage	Groundwater levels used as a proxy for this sustainability indicator.	-	Groundwater levels used as a proxy for this sustainability indicator.	No occurrence of undesirable results.
Seawater Intrusion	This sustainability indicator is not applicable in the Subbasin.	-	-	-
Degraded Water Quality	Nitrate = 10 mg/L, Specific Conductivity = 900 umhos/cm	Nitrate = 7.5 mg/L, Specific Conductivity = 675 umhos/cm	Maximum thresholds are exceeded at 50 percent or more of the groundwater quality monitoring wells sampled in the respective sampling period for any COIs with a defined maximum threshold.	No occurrence of undesirable results.

2

Table 1: Summary of Sustainable Management Criteria *(continued)*

Sustainability Indicator	Minimum or Maximum Threshold (MT)	Measurable Objective (MO)	Occurrence of Undesirable Results	WY 2024 Annual Report Status
Land Subsidence	<0.1 ft of subsidence in any one year.	Maintain current ground surface elevations.	Groundwater pumping induced subsidence is greater than the minimum threshold of 0.1 ft (0.03 m) in any single year.	No occurrence of undesirable results.
Depletions of Interconnected Surface Waters	See MT for Groundwater Levels. See GSP Section 3.9.3.	See MO for Groundwater Levels. See GSP Section 3.9.5.	Groundwater level ("Fall low") in more than one third of the RMPs in the Basin fall below their respective minimum thresholds for two consecutive years.	No occurrence of undesirable results.

Groundwater Levels

Measured groundwater levels in Water Year 2024 do not indicate the occurrence of undesirable results. Fall 2024 groundwater levels were compared to the measurable objectives (MO) and minimum thresholds (MT). The minimum groundwater level measurement taken in September – November 2024 was used for each well (“fall low”). The fall low measurement for one out of six representative monitoring points (RMP) wells fell below the MT during the fall 2024 period. This well also fell below the MT in the fall 2023 period, however there are currently no occurrence of undesirable results. The occurrence of undesirable results requires that groundwater level observations (fall lows) in more than one third of the RMPs in the Basin fall below their respective minimum thresholds for two consecutive years.

Fall 2024 groundwater elevations in the Basin varied moderately compared to conditions observed during Fall 2023, with some areas of groundwater level decline and some areas of groundwater rise. These increases and declines were generally less than 10 feet (ft) within most of the Basin.

Contour maps of groundwater elevation are shown in Section 3.1.1 and hydrographs are included in Appendix A.

Interconnected Surface Waters

Field measurements for two of the three designated Interconnected Surface Water (ISW) RMP wells dipped below their respective MTs during Fall 2024 and Fall 2023 (**Ukiah Valley-1 (391918N1232003W001)** and **Ukiah Valley-34 (391285N1231607W001)**). However, it is important to note that examination of continuous sensor data collected at **Ukiah Valley-34 (391285N1231607W001)** reveals that Fall 2024 and Fall 2023 measurements were collected during active or very recent pumping, which biased the field measurements and caused them to drop below the associate MT. Examination of static water level attained following recovery from recent or active pumping at **Ukiah Valley-34 (391285N1231607W001)** during Fall 2023 and Fall 2024 indicates that non-pumping water levels remained above the MT. The GSP states that during the five-year interim period, an undesirable result for depletion of ISW has occurred when more than a third of the ISW RMPs have fallen below their defined MTs for two consecutive years (see Section 3.9.2 of the GSP). Continuous sensor data reveal that an **undesirable result for depletion of ISW has not occurred**.

The GSA has become aware that pumping of a new and immediately adjacent water district well appears to be influencing **Ukiah Valley-1 (391918N1232003W001)**, which is part of both Chronic Lowering of Groundwater Levels and Depletion of ISWs RMP monitoring networks and likely contributes to patterns of dry season groundwater elevation decline that have been observed at this location since Water Year 2022 and contrast patterns observed during earlier water years. To better characterize the occurrence of water level declines and influence from the nearby water district well at **Ukiah Valley-1 (391918N1232003W001)**, the GSA has installed a water level sensor and telemetry at this site and will be updating the baseline condition during the periodic evaluation.

Because of the very limited size of the existing network, the GSA has completed installation and instrumentation of six additional groundwater wells that will be included in the Depletion of ISWs RMP monitoring network once sufficient data have been collected (see Section 3.9.1 of the GSP). These wells fill the planned transects identified in the GSP and should improve understanding of ISW dynamics. In addition, in September 2024 the GSA was awarded a \$1.36 million California Department of Fish and Wildlife grant to conduct a study investigating ISW and groundwater dependent ecosystems in the Upper Russian River. The grant includes funding for installation and

instrumentation of additional stream gage and shallow wells to complement the existing ISW monitoring network. Plans are in place to expand the Depletion of ISWs RMP monitoring network to incorporate these locations and update definition of all Depletion of ISW SMCs during the 2027 GSP Periodic Evaluation.

Groundwater Storage

The Groundwater Storage SI uses groundwater levels measured at RMPs as a proxy to assess compliance with the SMCs (see Section 3.5 of the GSP). Since no undesirable results have occurred for the Groundwater Levels SI in Water Year 2024 (see above), there are also no undesirable results for Groundwater Storage.

To further evaluate storage, change in groundwater storage was estimated from the change in groundwater elevations and aquifer properties from the Ukiah Valley Integrated Hydrological Model (UVIHM). There was an increase in storage of approximately 200 AF in Water Year 2024. The previously used method used to calculate change in storage was refined to better reflect basin conditions, hence changes in storage seen in **Figure 2.4** (see Section 2.6) differ from those reported in previous annual reports. The changes in storage estimated from groundwater level change fall within historical fluctuations in storage simulated by the UVIHM.

Water Use

Total groundwater use increased slightly compared to values reported in the Water Year 2023 Report, likely in response to improved drought conditions and reduction of emergency drought measures. Total surface water use decreased compared to the amount reported in the Water Year 2023 Report; specifically the agricultural diversion estimated by the IDC model decreased. Water use estimates provided in this Report use best available data and science, but knowledge gaps and sources of uncertainty need to be considered when interpreting them.

Groundwater Quality

Groundwater quality SMCs are defined for nitrate and specific conductivity. In Water Year 2024, all samples for Nitrate as N *except two* are below the MT, and all samples collected for specific conductivity are below the MT. One Specific Conductivity measurement was above the MO but below the MT. Therefore, good groundwater quality in the Basin has been maintained during the reporting year. Measured groundwater concentrations during Water Year 2024 are presented in Section 3.3.1 and do not indicate the occurrence of undesirable results.

Land Subsidence

Land subsidence was measured by satellite data (i.e., InSAR). Estimated land subsidence was less than 0.1 ft of subsidence, which avoids the occurrence of undesirable results.

Plan Implementation Progress

Implementation of the GSP started in February 2022 following submission of the GSP in January 2022. Department of Water Resources (DWR) recommended the GSP for approval in July 2023 and outlined five recommended corrective actions for the GSA to address in the 2027 Periodic Evaluation. Based on Technical Advisory Committee recommendations, the GSA has prioritized three actions in response to DWR's recommendations to prepare for the 2027 Periodic Evaluation: expanding the monitoring network, conducting an interconnected surface water study, and completing a well inventory. In September 2024, the GSA was awarded \$1.36 million from the California Department of Fish and Wildlife (CDFW) to conduct a comprehensive study of groundwater dependent ecosystems and interconnected surface waters in the Upper Russian River, addressing

two of the five recommended corrective actions. During Water Year 2024, the GSA instrumented three RMP wells with water level sensors and telemetry with plans to instrument additional wells in 2025. These installations bring the total number of wells instrumented in the Basin by the GSA to 11 (two multi-completion) with two additional wells in the monitoring network instrumented by partner agencies. During Water Year 2024, the GSA also began the first phase of a Well Inventory Study to improve data on well locations and construction information, which will support more accurate modeling of groundwater dynamics in the basin, particularly regarding potential impacts of pumping on surface waters.

During Water Year 2024, the GSA, its member agencies, and partners have continued making progress in furthering other Project and Management Actions (PMAs) defined in GSP. The City of Ukiah's recycled water project delivered water to approximately 700 agricultural acres along the Russian River and institutional users, reducing surface water diversions by 764 acre-feet. The City secured a \$53.7 million grant from the California State Water Resources Control Board and began construction of the Phase 4 project in Spring 2024, which will increase recycled water production capacity by approximately 50%. Work began on a US Bureau of Reclamation WaterSMART funded project to enhance water resiliency in the Basin through improvements to the Ukiah Valley Integrated Hydrologic Model and modeling of various climate and management action scenarios that forecast potential impacts on ISW and groundwater levels, which will culminate in development of a Decision Support Tool to guide water users in the basin. In partnership with the GSA, the City of Ukiah submitted a proposal for an Ukiah Western Hills Land Acquisition project that would support source water protection in the Basin (decision pending). Finally, in June 2024 the GSA Board of Directors approved a groundwater sustainability fee to be collected with property taxes starting in Fall 2024. This new fee will allow the GSA to become financially self-sufficient by funding agency operations, studies, management actions, and reporting requirements.

Chapter 1

Introduction

California Water Code (CWC) §356.2 requires the submission of an annual report to the California Department of Water Resources (DWR) by April 1 of each year following the adoption of the Groundwater Sustainability Plan (GSP). The annual report documents progress towards groundwater sustainability during the previous water year. Ukiah Valley Groundwater Sustainability Agency (GSA) is submitting this report (Report) as the third annual report for the Ukiah Valley Basin (Basin). The Report provides an update on Basin conditions and GSP implementation progress for Water Year 2024 (October 1, 2023 – September 30, 2024). CWC §356.2 requires annual reports to include information about the Basin and GSP, groundwater elevation data (contour maps and hydrographs), groundwater extraction, surface water supply, changes in groundwater storage, and a description of progress towards implementation of the GSP since the adoption of the previous annual report.

1.1 Ukiah Valley Basin Groundwater Sustainability Agency

The GSA is the sole Groundwater Sustainability Agency for the Basin and is responsible for the entire area covered by this GSP (**Figure 1.1**). The GSA was formed in April 2017 through a Joint Powers Agreement (JPA) and consists of the County of Mendocino (County), the City of Ukiah (City), the Upper Russian River Water Agency (URRWA), and the Russian River Flood Control and Water Conservation and Improvement District (RRFC). These are the principal public agencies that extract groundwater, regulate groundwater, and/or conduct land use activities within the Basin. The Board formed by these agencies elected to assign membership seats to agricultural and tribal beneficial users in the Basin, leading to a six-member board for the GSA. The GSA developed and submitted its GSP in accordance with the requirements of the Sustainable Groundwater Management Act (SGMA) on January 28, 2022.

The County exercises land use authority on the land overlying the Basin. The City is a local municipality that exercises water supply, water management, and land use authority within its boundaries. The URRWA is a JPA representing Millview County Water District (CWD), Willow CWD, Calpella CWD, Redwood Valley CWD, and Ukiah Valley Sanitation District within the Basin. The RRFC is a special district created by State Statute (State of California Statute § Act 4830) that exercises water supply and water management authority within the Basin. The boundaries of these agencies and UVBGSA are shown in **Figure 1.2** and **Figure 1.3**.

1.2 Ukiah Valley Groundwater Basin

The Basin is located in the County and underlies the Ukiah Valley, the Redwood Valley, and the tributaries located within their boundaries (**Figure 1.1**). Under the 2018 Basin prioritization conducted by the DWR, the Basin (DWR Basin 1-052) was designated as medium priority (DWR, 2019). Elevations in the Basin vary from approximately 500 ft (150 meters (m)) above mean sea level (amsl) in the southern part of the Ukiah Valley to over 1000 ft (305 m) amsl in the Redwood Valley. The Basin encompasses a surface area of 37,500 acres (59 square miles) and is 22 mi (35.4 km) long and 4.6 mi (7.4 km) at its widest section. This section is just north of the City of Ukiah, which is the major municipality within the Basin with population of 16,075 (U.S. Census Bureau, 2018). The majority of the land within the Basin is privately owned except for small California Tribal Reservations and Rancheria areas, Mendocino County, the City of Ukiah, land owned by the State of California, and land in the proximity of Lake Mendocino that is owned by the federal government (**Figure 1.4**). The Russian River flows through the entire length of the Basin and is joined by several smaller tributaries. Lake Mendocino borders the eastern side of the Basin and provides managed releases to the East Fork of the Russian River through the operation of Coyote Dam. The east and west forks of the Russian River merge north of the City of Ukiah and flow southward towards the Basin drainage and Hopland. The Basin is bounded by the Mendocino Range of the Coastal Ranges and is bordered by the Sanel Valley Groundwater Basin (1-053) to the south. The Mendocino Range is predominantly composed of the thick, late Mesozoic and Cenozoic sedimentary rocks of the Franciscan formation.

Figure 1.1 shows the Basin and the neighboring groundwater basins. The Sanel Valley groundwater basin is located immediately south of the Ukiah Valley groundwater Basin and is the only other Basin with direct connection to the Basin. All the neighboring basins, including the Sanel Valley groundwater basin, are categorized as very low priority under the 2018 Basin prioritization conducted by the DWR and are not preparing GSPs.

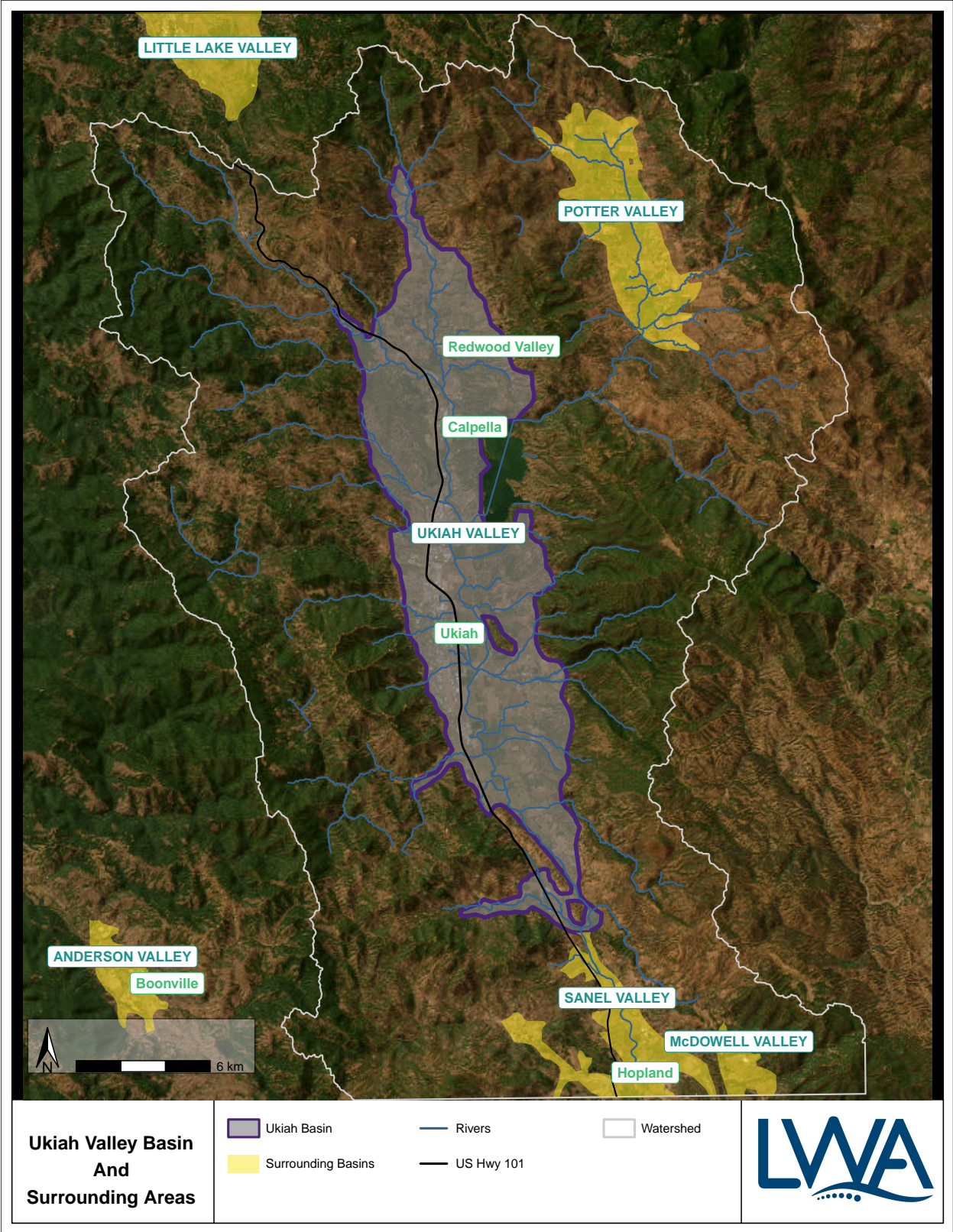


Figure 1.1: Ukiah Valley Groundwater Basin bulletin 118 Basin boundary and surrounding area.

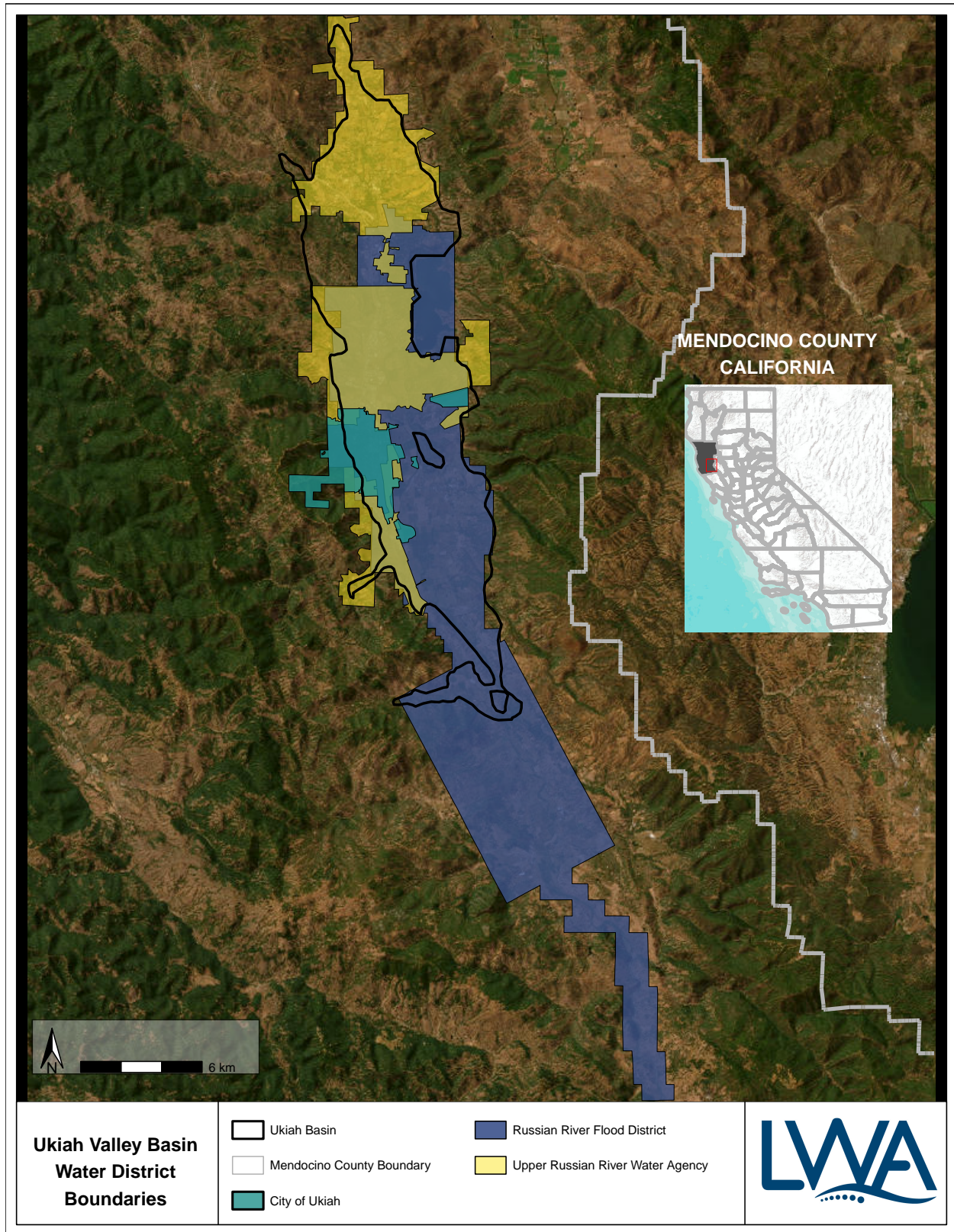


Figure 1.2: UVBGS JPA members and their respective boundaries. The City of Ukiah boundary has been updated to include Western Hills Open Space land acquisitions by the City, which is a Project Management Action identified in the GSP and aimed at protecting source water for the Basin.

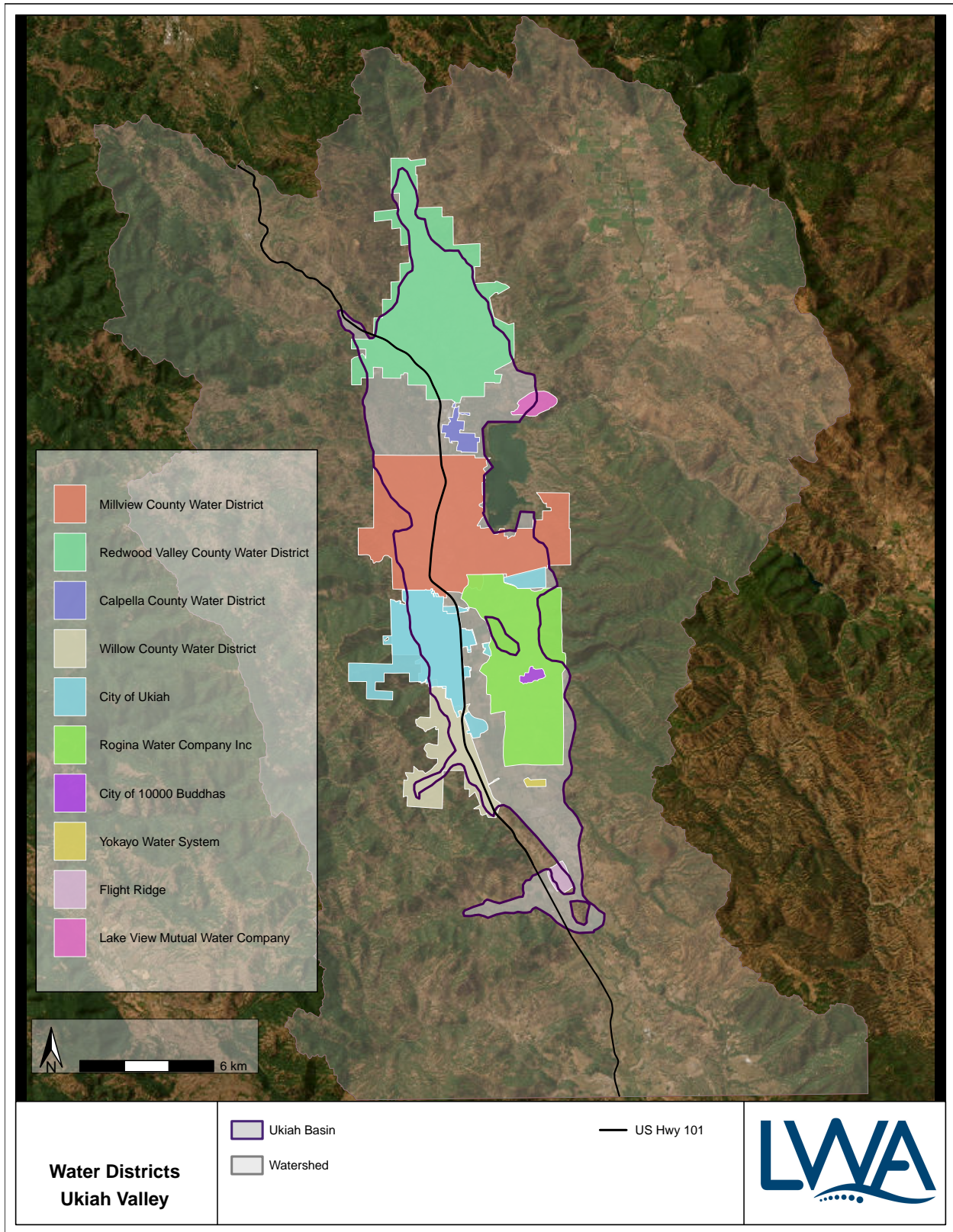


Figure 1.3: Water districts in the Ukiah Valley Groundwater Basin.

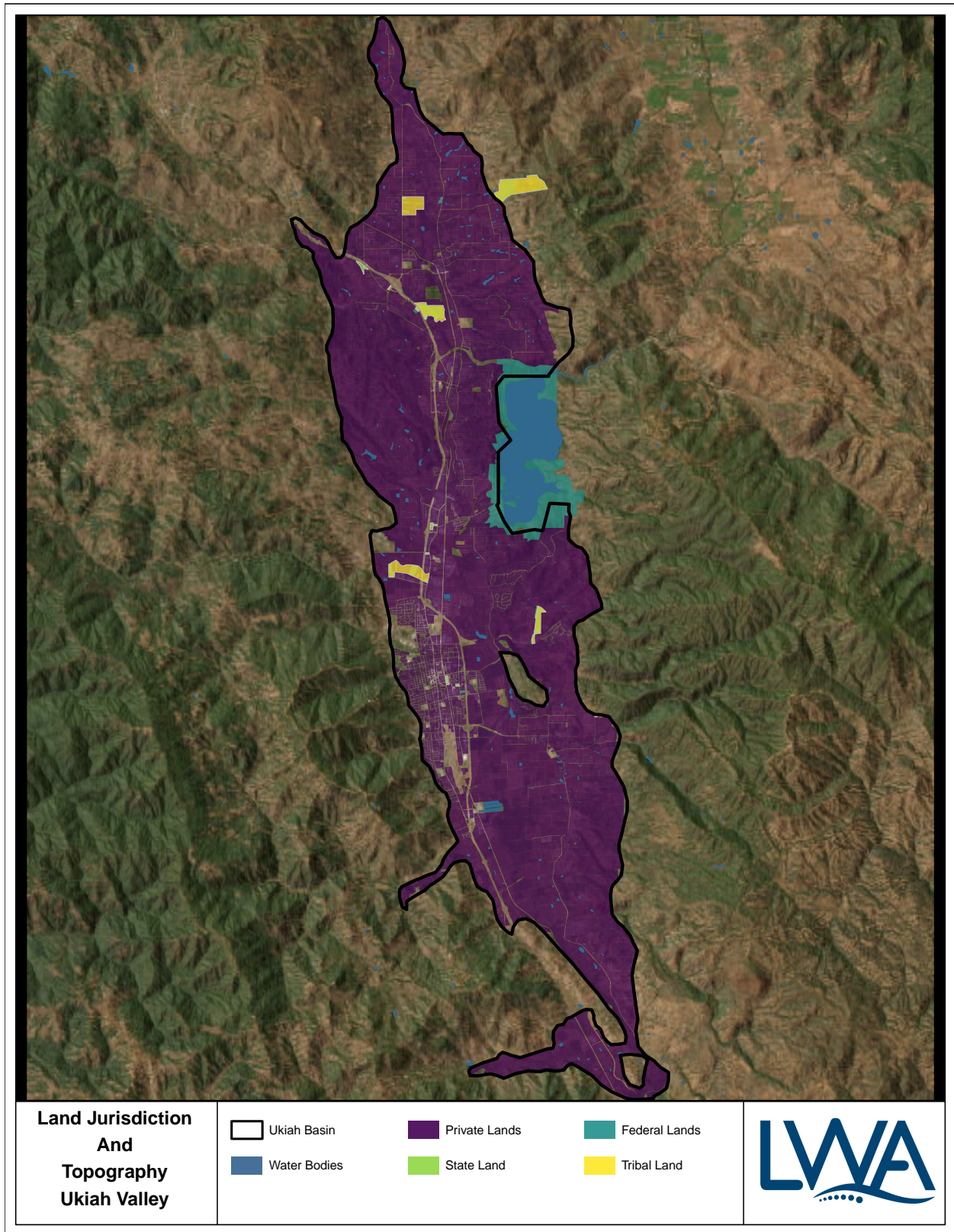


Figure 1.4: Land jurisdiction and topography in the Ukiah Valley Groundwater Basin.

1.3 Overview of the Groundwater Sustainability Plan

The overall sustainability goal of the GSP is to maintain groundwater resources in ways that best support the continued long-term health of the people, the environment, and the economy in Ukiah Valley, for generations to come.

The GSP identified two principal aquifers in the Basin. Aquifer I, the upper shallow aquifer, covers small bands along the Russian River and is composed of highly permeable unconsolidated sands and gravels. Aquifer I is unconfined and includes the Quaternary Alluvium geologic formation. Aquifer II, the deeper aquifer, is composed of terrace deposits and continental basin deposits. This aquifer underlies aquifer I and covers the entire area of the Basin.

The GSP assessed the historical and current conditions of the Basin based on the best available data and developed the Ukiah Valley Integrated Hydrological Model (UVIHM) to project future conditions. In addition, the GSP identified data gaps and needed information to better understand and manage the Basin in the future. It then set sustainable management criteria (SMCs) to ensure the sustainable management of the Basin in the next 20 years and beyond. For each SMC, the GSP outlined the analyses used to assess the impacts on beneficial users and uses in the Basin. It also set sustainability indicators, such as the MT, MO, and potential triggers. To consider the uncertainty in its assessments due to data gaps, the GSP provides a timeline to review and re-assess the SMCs upon collection of additional data and information.

The GSP outlines the sustainability indicators needed to monitor the five applicable undesirable results in the Basin, as required by SGMA, and outlines a plan to achieve groundwater sustainability within the next 20 years. To improve data accuracy, the GSP includes a data collection plan, with a scheduled re-assessment of the sustainability indicators during the 5-year review of the GSP.

- **Saltwater Intrusion:** Not applicable to the Basin.
- **Groundwater Levels:** Groundwater levels are monitored to assess long-term trends and ensure that levels remain above the minimum thresholds established in the GSP.
- **Groundwater Storage and Interconnected Surface Waters:** Due to limited data availability, groundwater elevations are currently used as a proxy for the sustainability indicators related to groundwater storage reduction and depletion of interconnected surface waters (ISWs).
- **Groundwater Quality:** Sustainability indicators for groundwater quality are set in accordance with state and federal water quality objectives to maintain good water quality in the Basin.
- **Subsidence:** The sustainability indicator for subsidence aims to maintain current conditions and prevent significant subsidence in the Basin.

1.4 Water Year 2024

Water Year 2024 and Water Year 2023 brought improved hydrological conditions to the Basin and Russian River Watershed (Watershed), which had been experiencing drought since 2019. Annual precipitation measurements at CDEC Coyote Lake Mendocino (COY) Station (**Figure 1.5**) illustrate recent drought conditions in the Basin and the improvement observed in Water Year 2023 and Water Year 2024. This COY station replaced the previously used NOAA Ukiah 4 WSW station, which stopped reporting data. Following below average precipitation from Water Years 2020-2022, records at two other stations in the Watershed and their 5-year moving averages (**Figure 1.6**) confirms the upward trend in precipitation from Water Years 2021 to 2024 observed at COY. As

indicated in the GSP, the Basin has typically recharged naturally each year, and its water budget is significantly dependent on natural recharge and precipitation. Therefore, it is expected that the increase in precipitation during Water Year 2023 and Water Year 2024 should positively impact Basin conditions.

In March 2023 Governor Newsom signed Executive Order N-5-23, which terminated the provisions of the April 2021 State of Emergency Proclamation that authorized the State Water Board to adopt an emergency regulation for the Watershed. With this change and considering the improved precipitation and reservoir storage conditions in the region, the State Water Board rescinded all curtailment orders for the Watershed effective March 29, 2023. For the remainder of Water Year 2023 and the entirety of Water Year 2024, water right holders were no longer subject to the emergency regulation curtailment requirements.

Despite improved hydrological conditions in Water Year 2023 and Water Year 2024, GSA member agencies continued to engage in long term water resource and drought planning. The County and Mendocino County Water Agency (MCWA) have maintained compliance with SB 552 since 2021 and throughout the recent drought by conducting regular Task Force meetings via the General Government Standing Committee (GGSC). In May 2024, the County secured DWR funding to develop a County Drought Resilience Plan (DRP), which launched in June 2024 under MCWA management. MCWA contracted water resources specialists EKI Environment and Water, Inc. to lead technical development, working collaboratively with County Departments, UC Cooperative Extension-Mendocino County, stakeholders, and decision-makers to create a compliant and transparent plan. The DRP development process began in September 2024 with two foundational meetings: a County Drought Task Force meeting under the GGSC and the first public workshop hosted by UCCE¹. The DWR-funded Russian River Water Forum held three planning group meetings in Water Year 2024 to discuss water supply resilience related to upcoming decommissioning of the Potter Valley Project with a group comprised of approximately 35 members representing a cross-section of interests in Sonoma, Mendocino, Lake, and Humboldt Counties². In addition, GSA partner organization California Land Stewardship Institute (CLSI) and GSA member City of Ukiah began work on a joint US Bureau of Reclamation WaterSMART Drought Resiliency Project Grant funded project focused on increasing water supply resiliency and reliability in the Basin.

1.5 Annual Report Organization

This is the fourth annual report to be submitted by the GSA since the submittal of the GSP in January 2022. It documents the Basin's current conditions and progress toward achieving sustainability, following the structure outlined in the GSP Emergency Regulations.

- **Chapter 1** provides background information on the GSA, the Basin, the GSP, and details specific to Water Year 2024.
- **Chapter 2** provides an assessment of groundwater conditions in the Basin, including groundwater elevations, groundwater extractions and water supply, and changes in groundwater storage.
- **Chapter 3** provides an update on the progress of GSP implementation.

¹<https://www.mendocinocounty.gov/departments/water-agency/drought-water-conservation/drought-resilience-plan>

²<https://russianriverwaterforum.org/planning-group/>

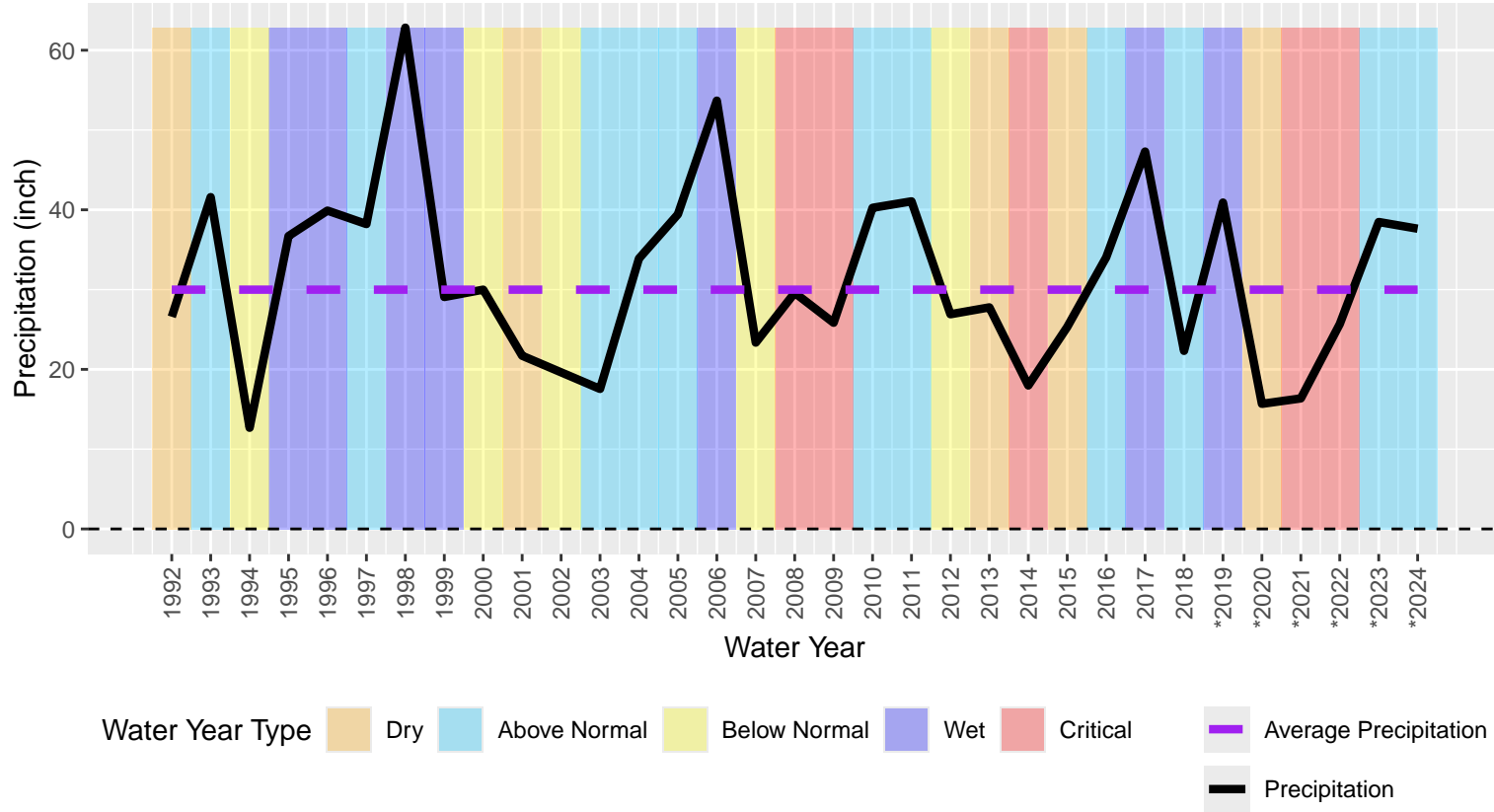


Figure 1.5: Annual precipitation measured at CDEC COY Station. Water years marked with * have preliminary WYT definitions.

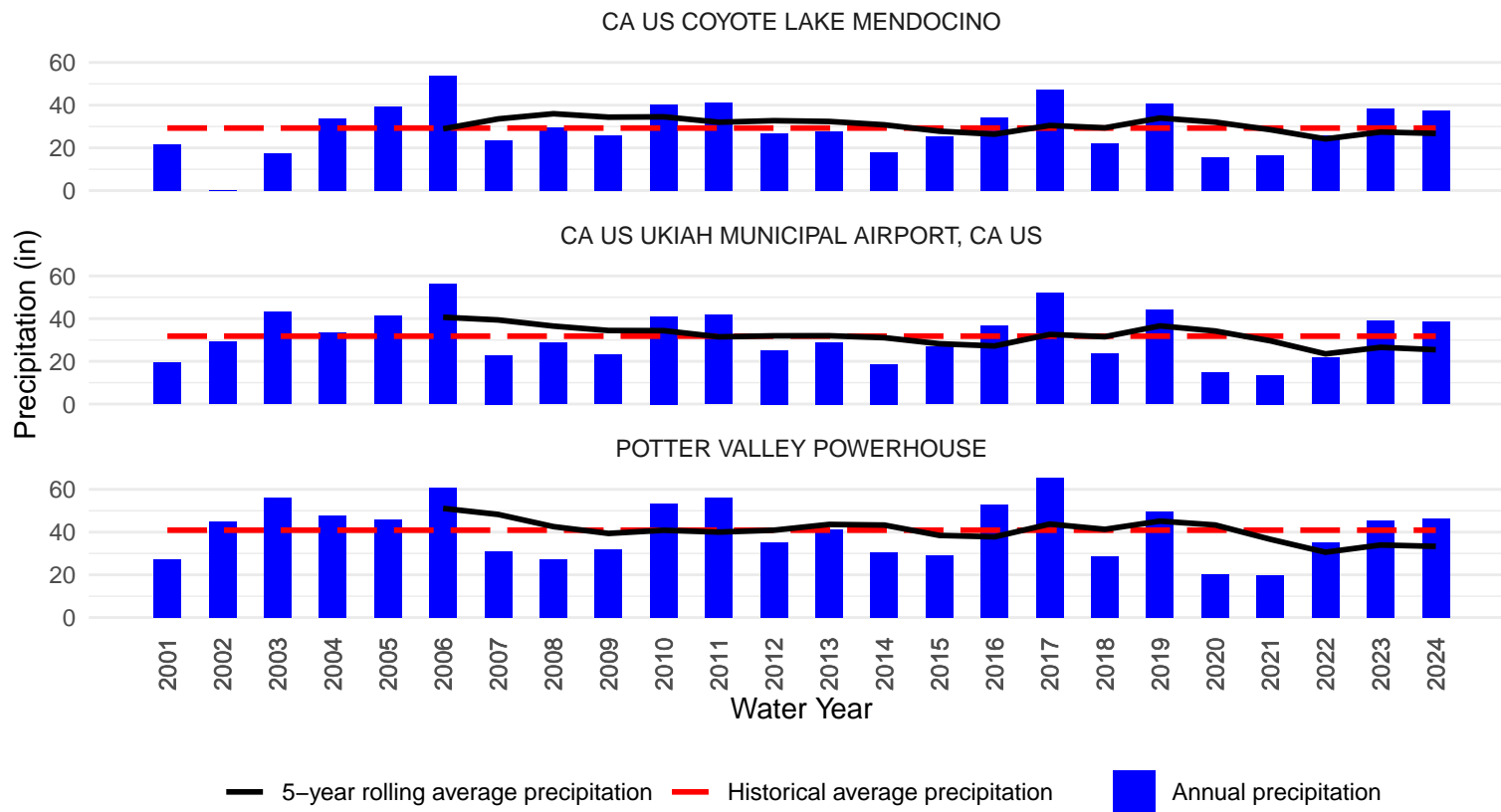


Figure 1.6: Historical precipitation at stations in the Upper Russian River Watershed.

Chapter 2

Groundwater Basin Conditions

This Chapter presents the change in groundwater conditions in the Basin with respect to Water Year 2024. Comparison of Water Year 2024 conditions to preceding water years characterizes the impact that water year type, precipitation, groundwater production, surface and recycled water availability, and surface water spreading and recharge practices have had on groundwater conditions in the Basin.

2.1 Groundwater Elevations

Groundwater elevations in the Basin are assessed using the Groundwater Levels monitoring network designated in the GSP. There have been a few important updates to this network since it was first described in the 2022.

Seven of the sites identified in the GSP as part of this monitoring network are RMPs with corresponding sustainable management criteria. As detailed in **Section 2.1.2** of this Report, one of the RMP sites (**391730N1232108W001**) that has been historically monitored by DWR was destroyed during a construction project. The GSA has identified another well in the existing monitoring network to serve as a replacement for the destroyed well and has coordinated with DWR to discuss incorporation of this replacement well into the RMP network and development of interim sustainable management criteria. Like the destroyed well, the replacement well, **Ukiah Valley-36 (391586N1232003W002)**, is located mid-basin, screened in Aquifer II, and located a reasonable distance from other existing RMP wells. The other wells in the network are meant to provide additional contextual information, but do not have sufficiently long monitoring records for determination of sustainable management criteria and are not designated as RMPs.

The current network consists of 30 wells, most of which are monitored monthly rather than biannually. This higher frequency and targeted monitoring is meant to improve data resolution and support identification of new RMP sites that can be added to the GSP during the 2027 periodic evaluation. During Water Year 2024, the GSA instrumented three RMP wells with water level sensors and telemetry with plans to instrument additional wells in 2025. These installations bring the total number of wells instrumented in the Basin by the GSA to 11 (two multi-completion) with two additional wells in the monitoring network instrumented by partner agencies. Wells using continuous data are starred in **Table 2.1**. The corresponding DWR (CASGEM) code for those wells is also listed for reference in **Table 2.1**. It is anticipated that continuous data will be used for more wells in the future.

All wells that are currently part of the monitoring network can be found in **Table 2.1**.

2.1.1 Groundwater Elevation Contour Maps

Groundwater elevation contour maps are generated using groundwater elevation data measured at the wells included in the Groundwater Levels monitoring network during Water Year 2024. Seasonal low groundwater elevation contours are based on measurements conducted from September to November 2024, and Seasonal high groundwater elevation contours are based on measurements done in March through May of 2024.

As discussed in the GSP and its Data Gaps Appendix, data gaps exist with respect to wells that are specifically screened in Aquifer I. As a result, groundwater levels in this aquifer were not measured prior to 2022 for the area covering Redwood Valley, Calpella, and north of the City of Ukiah. The GSA drilled multiple wells in these areas through the DWR Technical Support Services grant at the end of 2021 and in January 2022 (**UVBGSA-02, UVBGSA-01a-c, UVBGSA-05, UVBGSA-06a-d, UVBGSA-07**). These wells were first monitored in February 2022 and incorporation of the continuous measurements into the annual reports began in Water Year 2023. These sensor measurements are included in this report.

Aquifer I is a narrow and relatively shallow aquifer that was designated as a separate principal aquifer by the GSA due to its distinctly different hydrogeological properties and to better understand and manage the Basin with regard to the depletion of ISWs and groundwater-dependent ecosystems. As outlined in Chapter 2 of the GSP, Aquifer II underlies this aquifer, and no distinctive aquifer-wide confining layer was determined to separate these two aquifers. Because of the lack of a distinctive confining layer and data gaps in Aquifer I (described above), the GSA believes a basin-wide single contour map is currently most appropriate to analyze groundwater flow and elevations for the Basin. Therefore, and in accordance with the GSP, the GSA proposes that groundwater elevation contours are mapped using groundwater elevations measured at both aquifers, and single seasonal high and seasonal low groundwater elevation contours are provided. In future years, as the understanding of Basin geology and the degree of interconnection between Aquifer I and II improves, the GSA will revisit this decision.

Groundwater elevations measured at all wells in the Groundwater Levels monitoring network were used to generate seasonal low (Fall 2024) and seasonal high (Spring 2024) groundwater elevation contour maps for the Basin. Fall and spring contour maps are shown in **Figures 2.1 and 2.2**, respectively. According to these contour maps, no significant changes in groundwater flow direction can be seen compared to historical conditions. However, small zones of depression can be seen in the area south of the City in both seasons.

It is important to note that these groundwater elevation contour maps do not represent a single snapshot in time. The increased monitoring frequency (e.g. monthly or continuous vs. biannual) in the monitoring network has shown that the timing of observed seasonal lows varies across the basin in Fall 2024. Broadly, year to year variability in the timing of seasonal lows is also impacted by a variety of factors including pumping and precipitation. To best summarize the condition of the Basin, the groundwater elevation minimum in the period of September-November 2024 was selected at each well; and the occurrence of these minimum groundwater levels (fall low) vary in space and time. Hence, there is temporal variability embedded in **Figure 2.1** in addition to the illustrated spatial variability. Similar considerations are applicable in **Figure 2.2** for the timing of the spring high at each well.

Figure 2.3 shows groundwater level difference between Fall 2024 and Fall 2023. Positive values indicate higher estimated groundwater elevations in 2024 relative to 2023, and negative values indicate the contrary.

During the fall season and seasonal low conditions, groundwater elevations in the Basin show increases and decreases from the Fall 2023 levels. These changes in elevations are less than 10 ft in most of the Basin. An increase of about 30 ft is observed near Redwood Valley at RMP well **392962N1232047W001**. Gray areas in **Figure 2.3** indicate data gaps. Additionally, differences shown at the boundaries of the Basin and farther from measured data should be interpreted cautiously due to estimation uncertainty in the kriging methods used to generate contour maps.

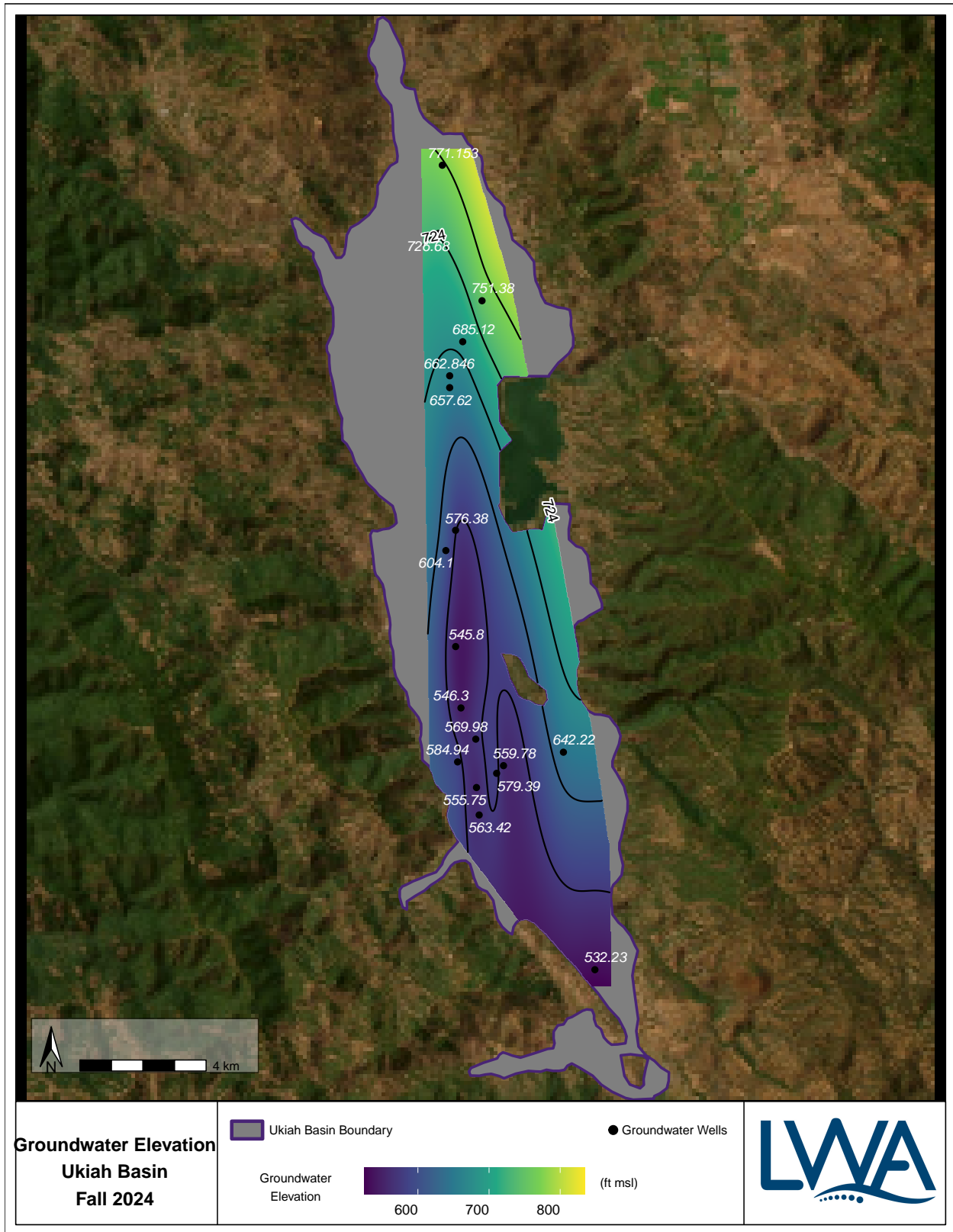


Figure 2.1: Fall low groundwater elevation contours in the Ukiah Valley Groundwater Basin, in ft-amsl, for Fall 2024

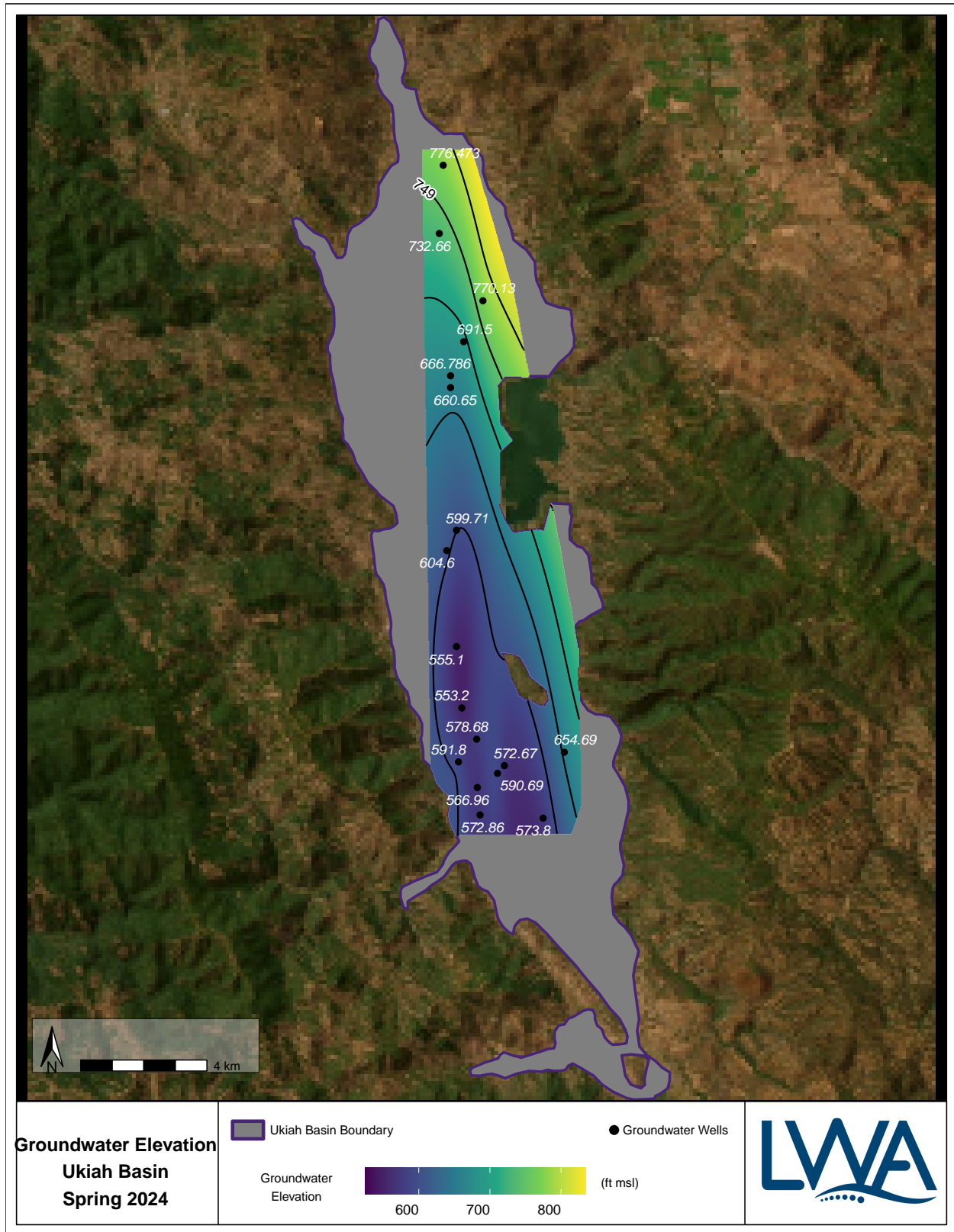


Figure 2.2: Spring high groundwater elevation contours in the Ukiah Valley Groundwater Basin, in ft-amsl, for Spring 2024

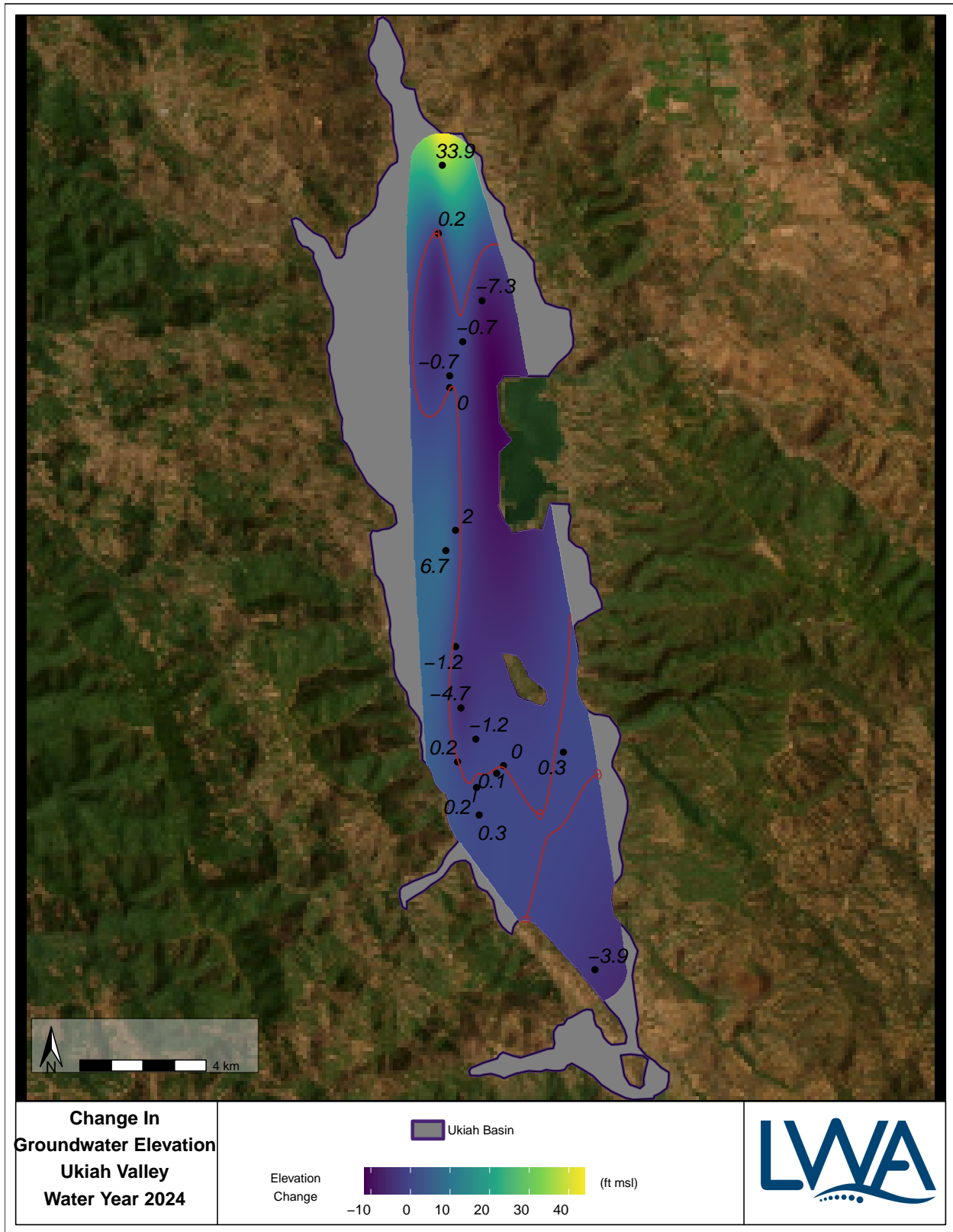


Figure 2.3: Seasonal low (fall season) groundwater elevation changes from Fall 2023 to Fall 2024.

2.1.2 Groundwater Elevation Hydrographs

Groundwater elevation hydrographs for all wells in the Groundwater Levels monitoring network can be found in **Appendix A** and hydrographs for representative monitoring points (RMP) wells can be found in **Appendix B**. Groundwater elevation hydrographs for representative monitoring points screened in Aquifer I (**Ukiah Valley-26 (391225N1231852W001)**, **Ukiah Valley-32 (390664N1231491W001)**, **Ukiah Valley-1 (391918N1232003W001)**, **Ukiah Valley-10a (391322N1231929W001)**) and Aquifer II (**392962N1232047W001**, and **391096N1231677W001**) are shown with their respective sustainability indicators. As mentioned above and in previous annual reports, the GSA discovered that well **391730N1232108W001** (Aquifer II) was destroyed during a construction project. As a result, this well has been removed from the RMP network. The GSA has identified another well in its existing monitoring network to serve as a replacement RMP. Like the destroyed well, the replacement RMP well **Ukiah Valley-36 (391586N1232003W002)** is located mid-basin, screened to Aquifer II, and located a reasonable distance from other existing RMP wells. A hydrograph for this replacement RMP well can be found **Appendix B** but does not include SMCs, which still need to be developed.

Two of the RMP wells screened in Aquifer I (**Ukiah Valley-26 (391225N1231852W001)** and **Ukiah Valley-10a (391322N1231929W001)**) showed good groundwater elevation recovery in Spring 2024 with measurements above their respective measurable objectives (MO) and trigger levels (Appendix B). Due to a change in land ownership and delays in establishing a new access agreement to enable manual measurements, several months of groundwater elevation data are missing for Water Year 2024 at well **Ukiah Valley-32 (390664N1231491W001)** including for Spring 2024. Groundwater elevation at well **Ukiah Valley-1 (391918N1232003W001)** were above the MO, but did not reach the trigger level. All Aquifer I RMPs experienced groundwater elevation declines in Fall 2024, but with one notable exception all remained above their respective MOs. Well **Ukiah Valley-1 (391918N1232003W001)** experienced a sharp decline that result in a multi-month deviation below the MT. This is the third consecutive year that well **Ukiah Valley-1 (391918N1232003W001)** experienced multiple monthly measurements below the MT. This is inconsistent with trends observed 2015 – 2021 and represents a departure from conditions that served as the basis for SMC development. Follow up investigation on the potential cause of dry season water level declines at well **Ukiah Valley-1 (391918N1232003W001)** by Technical Advisory Committee members reveal that the timing of declines corresponds with initiation of dry season pumping at a public water supply well located only 28 feet from the GSA's RMP well beginning in Water Year 2022 and continuing through the current reporting year. During Water Year 2024, the GSA installed a water level sensor and telemetry in well **Ukiah Valley-1 (391918N1232003W001)** to monitor conditions more closely and better characterize the influence of pumping at the adjacent public supply well.

Well **391096N1231677W001** in Aquifer II had a spring high measurement above the MO and fall low groundwater elevation decline that remained above the MT.

Groundwater level observations at well **392962N1232047W001** in Aquifer II were above the MT but below the MO from October 2023 - February 2024. Spring high and fall low measurements for Water Year 2024 were both above the MO indicating that this site is on track to attain sustainability (**Table 3.1**). Groundwater elevations plotted in the hydrograph for well **392962N1232047W001** (Appendix B) have been adjusted according to the most recent survey information available from DWR, which included changes to ground surface elevation and reference point elevation. The GSA has recalculated historical groundwater elevation data as needed to account for the updated survey information to ensure consistent comparison against SMCs across the groundwater elevation

record.

Table 2.1 shows the groundwater levels at all wells included in the chronic lowering of groundwater elevations monitoring network for Fall 2023, Spring 2023, Fall 2024 and Spring 2024. These measurements indicate that fall groundwater levels at these wells were 2.8 ft higher on average in Fall 2024 compared to Fall 2023. Average fall differences vary between -6 ft and 23 ft at the wells. Spring season elevations were about -1.5 ft lower on average during Spring 2024. Average differences vary between -19 ft to 3 ft.

Table 2.1: Average groundwater levels for wells in the chronic lowering of groundwater levels monitoring network wells in Fall 2024 compared to Fall 2023 and Spring 2024 compared to Spring 2023. Starred wells are using continuous data and their corresponding DWR (CASGEM) codes are listed for reference.

Site Code	Well Name	DWR Code	Fall 2023 Level (ft-amsl)	Fall 2024 Level (ft- amsl)	Change from 2023 in Fall (ft)	Spring 2023 Level (ft- amsl)	Spring 2024 Level (ft- amsl)	Change from 2023 in Spring (ft)
390664N1231491W001	Ukiah Valley-32	390664N1231491W001	536.28	532.52	-3.76	543.70	-	-
391096N1231677W001	-	391096N1231677W001	547.34	-	-	568.25	570.73	2.48
391225N1231852W001	Ukiah Valley-26	391225N1231852W001	579.76	579.39	-0.37	588.06	588.84	0.78
391246N1231827W001	Ukiah Valley-25	391246N1231827W001	560.26	560.05	-0.21	569.55	569.07	-0.48
391322N1231929W001	Ukiah Valley-10a	391322N1231929W001	571.18	569.98	-1.20	578.41	577.68	-0.73
391411N1231983W002	Ukiah Valley-37	391411N1231983W002	552.10	547.45	-4.65	554.07	552.97	-1.10
391586N1232003W002	Ukiah Valley-36	391586N1232003W002	547.67	545.75	-1.92	549.13	552.10	2.97
391860N1232039W001	Ukiah Valley-15	391860N1232039W001	597.67	604.15	6.48	601.97	604.43	2.47
391918N1232003W001	Ukiah Valley-1	391918N1232003W001	575.86	586.58	10.72	600.26	594.25	-6.01
391918N1232003W002	Ukiah Valley-2	391918N1232003W002	543.72	566.65	22.93	587.21	567.89	-19.32
391918N1232003W003	Ukiah Valley-3	391918N1232003W003	550.84	568.48	17.64	582.73	570.09	-12.64
391918N1232003W004	Ukiah Valley-4	391918N1232003W004	563.87	573.36	9.49	586.94	579.80	-7.13
392358N1232020W001	-	392358N1232020W001	663.62	662.95	-0.66	666.66	666.43	-0.23
392455N1231977W001	Ukiah Valley-16	392455N1231977W001	686.18	685.79	-0.39	688.73	690.18	1.45
392455N1231977W002	Ukiah Valley-17	392455N1231977W002	654.51	648.19	-6.31	647.05	645.28	-1.77
392455N1231977W003	Ukiah Valley-18	392455N1231977W003	680.97	684.33	3.36	676.16	677.87	1.71
392572N1231906W001	Ukiah Valley-9	392572N1231906W001	758.83	752.38	-6.44	768.91	767.76	-1.16
392962N1232047W001	-	392962N1232047W001	750.20	771.74	21.54	774.58	776.15	1.57
*UVB_001	UVBGSA-01c	391188N1231926W003	550.34	550.15	-0.19	557.83	557.52	-0.31
*UVB_001_2	UVBGSA-01b	391188N1231926W002	556.29	557.75	1.47	561.46	560.86	-0.60
*UVB_001_3	UVBGSA-01a	391188N1231926W001	556.64	558.19	1.55	561.38	560.76	-0.63
*UVB_002	UVBGSA-02	391256N1231995W001	585.36	585.26	-0.10	590.56	590.88	0.33

Table 2.1: Average groundwater levels for wells in the chronic lowering of groundwater levels monitoring network wells in Fall 2024 compared to Fall 2023 and Spring 2024 compared to Spring 2023. Starred wells are using continuous data and their corresponding DWR (CASGEM) codes are listed for reference. *(continued)*

Site Code	Well Name	DWR Code	Fall 2023 Level (ft-amsl)	Fall 2024 Level (ft- amsl)	Change from 2023 in Fall (ft)	Spring 2023 Level (ft- amsl)	Spring 2024 Level (ft- amsl)	Change from 2023 in Spring (ft)
*UVB_005	UVBGSA-05	392324N1232025W001	657.98	657.79	-0.19	661.54	660.33	-1.21
*UVB_006	UVBGSA-06d	392659N1232097W004	704.21	-	-	708.36	-	-
*UVB_006_2	UVBGSA-06c	392659N1232097W003	703.48	-	-	708.39	-	-
*UVB_006_3	UVBGSA-06b	392659N1232097W002	712.33	712.98	0.65	714.09	714.56	0.47
*UVB_006_4	UVBGSA-06a	392659N1232097W001	735.66	-	-	737.02	-	-
*UVB_007	UVBGSA-07	392761N1232066W001	726.50	726.76	0.26	-	731.20	-
*UVB_184	Ukiah Valley-34	391285N1231607W001	642.77	644.37	1.60	651.45	652.86	1.40
*UVB_191	Ukiah WWTP-MW1	391104N1231902W001	564.19	565.03	0.84	571.49	571.30	-0.19

¹ Spring measurement is calculated as the average of the measurements taken between March to May.

² Fall measurement is considered the average of the measurements taken between September to November.

³ Wells marked with * are using continuous measurements.

2.2 Groundwater Extraction

As discussed in **Chapter 2** and **Appendix 2-D** of the GSP, consumptive groundwater use in the Basin is primarily due to municipal, domestic, and agricultural demands. The GSA did not establish metering requirements in the GSP, so groundwater use is voluntarily reported or estimated. **Table 2.2** shows the estimated groundwater use in the Basin for the reporting year. The total estimated groundwater use in Water Year 2024 increased by approximately 466 AF compared to Water Year 2023, which appears to be due to an increase in estimated agricultural pumping and reported municipal pumping. Data gaps and uncertainties relevant to these estimated water use volumes are discussed below and should be considered.

As categorized in the GSP, municipal use in the Basin is limited to the City's consumptive uses, though it should be noted that the City also supplies some agricultural and industrial users. The City reported its groundwater extraction amounts for the Water Year 2024 as measured at its extraction wells. These reported City data are accurate measurements and considered reliable. Non-municipal domestic use sector is defined in the GSP to include the water supplied by small water agencies in the Basin. These water agencies include but are not limited to the URRWA members, which supply domestic, agricultural, and industrial beneficial users. Due to the existing data gap in the breakdown of water supply amounts to different beneficial users by these water agencies, the GSP combines their total supply under the non-municipal domestic water use sector. Groundwater use for this sector (**Table 2.2**) is estimated based on the data reported by the URRWA members for the Water Year 2024.

Furthermore, data gaps and ambiguity also exist in the identification of some wells as true percolating groundwater pumping wells or underflow wells (surface water-influenced wells). The GSA has distinguished between data corresponding to non-municipal domestic pumping (**Table 2.2**) and non-municipal domestic diversion (**Table 2.3**) using the best available guidance from the RRFC at the time of the Water Year 2024 annual report submission, which was the same in Water Year 2023. The GSA will continue its coordination and outreach efforts to resolve data gaps for the future annual reports, also including water use information for City of 10,000 Buddhas and the Yokayo Tribe.

Agricultural water use is estimated using the DWR integrated water flow model demand calculator (IDC), as discussed in Appendix 2-D of the GSP. The IDC model was updated to include climatic data through 2024 to simulate the irrigation water requirement for the Basin in Water Year 2024. Since the Water Year 2023 report, numerous other improvements have also been made to the IDC including representation of soil conditions, irrigation efficiency, crop ET coefficients, and application of heat and frost protection. These updates combine to provide a better estimate of total agricultural demand in the basin; however data gaps remain. Additional future refinements including incorporation of updated crop coverage information when made available would further improve representation of total agricultural water demand in the Basin.

The IDC calculates total agricultural demand but does not determine the proportions of surface water and groundwater that are used to meet that demand. The GSA distributes IDC applied water estimates to groundwater pumping and surface water diversions using a split determined during GSP development and based on stakeholder input, water rights data, and available well data. While recent review of QAQC'd reported surface water diversion data from State Water Board suggest that this split provides a reasonable approximation, there is inherent uncertainty. In addition, cannabis cultivation water use is not included in the IDC-based water demand computation and remains unknown. Groundwater use estimates provided in **Table 2.2** are calculated without

considering the impacts of the aforementioned sources of uncertainty and data gaps.

Table 2.2: Groundwater use by water use sector in AF.

Water Year	Agricultural Pumping ^a	Municipal Pumping ^b	Non-municipal Domestic Pumping ^c	Total Groundwater Pumping
2024	3,865	1,992	495	6,352

^a Agricultural water demand was estimated for the Water Year 2024 using the model IDC and based on the 2010 DWR land use map. IDC model is discussed in Appendix 2-D of the GSP and updated as described in this Report. Estimations for Water Year 2024 are more accurate than previous reporting years but remain impacted by data gaps and exclusion of cannabis cultivation water use.

^b Municipal groundwater use is measured by the City of Ukiah and is reported for the Water Year 2024. This is the most accurate estimation of water use among all water use sectors.

^c Non-municipal domestic water use is measured by the small water agencies in the Basin and is reported for the Water Year 2024. It is accurate but is missing water use data from the City of 10,000 Buddhas and the Yokayo Tribe.

2.3 Surface Water Supply

The primary surface water sources in the Basin are the Russian River, its tributaries, and managed releases from Lake Mendocino. Similar to groundwater use, consumptive surface water use in the Basin is primarily due to agricultural, municipal, and non-municipal domestic water demand. Estimated surface water use in the Basin is shown in **Table 2.3**. The total estimated surface water use in the Basin decreased by approximately 4,000 AF in Water Year 2024 compared to Water Year 2023 due to a significant decrease in the estimated agricultural diversion. This decrease may be due to improvements made to the IDC model. Note that the reported municipal diversion and non-municipal domestic diversion still increased compared to Water Year 2023. In particular, the GSA was able to obtain non-municipal domestic water use from Rogina Water Company, and it had not been previously possible to obtain this data for past annual reports. This reflects the GSA's ongoing coordination and outreach efforts to resolve data gaps.

Agricultural surface water use is estimated using IDC, similar to calculated agricultural groundwater use discussed above in **Section 2.2**. Therefore, the same uncertainties and assumptions apply to the agricultural surface water estimations. Municipal surface water use was reported by the City for Water Year 2024 as measured at its points of diversion. The non-municipal domestic water use data shown in **Table 2.3** are based on the information provided by URRWA and RRFC. As discussed in **Section 2.2**, data gaps exist to distinguish some wells as true pumping wells or surface-water influenced wells (URRWA and RRFC). Data has been distinguished using the best available guidance from RRFC. It should be noted that URRWA members also supply some industrial and agricultural users, but their data is aggregated for the purposes of this report. Other non-municipal domestic not accounted for by URRWA member agencies have not been included.

Table 2.3: Surface water use by water use sector in AF.

Water Year	Agricultural Diversion ^a	Municipal Diversion ^b	Non-municipal Domestic Diversion ^c	Total Surface Water Use
2024	5,034	768	2,804	8,606

^a Agricultural water demand was estimated for the Water Year 2024 using the model IDC and based on the 2010 DWR land use map. IDC model is discussed in Appendix 2-D of the GSP and updated as described in this Report. Estimations for Water Year 2024 are more accurate than previous reporting years but remain impacted by data gaps and exclusion of cannabis cultivation water use.

^b Municipal surface water use is measured by the City of Ukiah and is reported for the Water Year 2024. This is the most accurate estimation of water use among all water use sectors.

^c Non-municipal domestic water use is measured by the small water agencies in the Basin and gross diversions were reported by RRFC for Water Year 2024. In some cases data were not complete. These estimations are less accurate and possibly underestimate the total amount of use in the Basin.

2.4 Groundwater Recharge and Recycled Water Use

Recycled water produced by the City’s Wastewater Treatment Plant (WWTP) has been instrumental in reducing potable water use for agricultural and landscape irrigation, which has been an important aspect of the Basin’s water resource resiliency in the face of recent drought and upcoming changes to the Potter Valley Project. Recycled water deliveries to agricultural users from the City totaled approximately 764 AF in Water Year 2024 (**Table 2.4**). This was an increase of approximately 100 AF compared to Water Year 2023. The Water Year 2024 amount was equivalent to the amount of water required to supply approximately 8,000 individuals for one year¹.

The City of Ukiah WWTP also stores secondary treated wastewater in its percolation ponds, allowing for aquifer recharge. For Water Year 2024, the GSA improved the approach taken to estimate recharge, using the mass balance equation below:

$$\text{Recharge} = \text{Effluent Flow} - \text{River Discharge} - \text{Recycled water Production} - \text{Evaporation from ponds} - \text{Change in Pond Volume} + \text{Precipitation into ponds}$$

The evaporation data came from the Ukiah Valley Precipitation-Runoff Model (PRMS) and the precipitation data was obtained from the Sanel CIMIS station. The estimated volume of recharge from these percolation ponds for Water Year 2024 was approximately 2,463 AF (**Table 2.4**), which amounts to over half of the amount of agricultural groundwater pumping estimated for the Basin for the current reporting year. Recalculating the Water Year 2023 recharge estimates using the refined method suggest that the estimated percolation volume was lower than previously reported and closer to 3,400 AF.

In spring 2024 the City began construction on Phase 4 of Ukiah’s Recycled Water Project, funded by a \$53.7 million grant from the California State Water Resources Control Board. This phase adds three miles of pipeline and a 5 million gallon Production Augmentation Unit, expanding infrastructure installed during Phases 1-3 and increasing the City’s capacity to produce recycled water by approximately 50%².

The GSA plans to run UVIHM simulations to explore the impact of increased recycled water consumption and recharge on Basin hydrology during future model updates. The City also reported 181 AF of water discharged to the river, augmenting surface water supply; which also increased from the 109 AF reported in Water Year 2023.

Table 2.4: Groundwater recharge, discharge, and recycled water use in AF.

Water Year	Recycled Water Use ^a	River Discharge	Groundwater Recharge ^b
2024	764	181	2,463

^a Recycled water delivery volumes are reported by the City of Ukiah WWTP and represent the most accurate measurement accessible to the GSA. During Water Year 2024, recycled water was delivered to agricultural users along the Russian River.

^b Groundwater recharge is estimated using measurements from the City, PRMS-simulated data, and measured precipitation data. This is the most accurate estimate of groundwater recharge accessible to the GSA.

¹Based on average daily residential water use in California of 85 gallons per day <https://lao.ca.gov/Publications/Report/3611>

²<https://cityofukiah.com/wp-content/uploads/2024/04/March-28-2024-Recycled-Water-Phase-4-on-Brush-Street.pdf>

2.5 Total Water Use

Total water use in the Basin was tabulated from the groundwater extractions reported in **Table 2.2**, the surface water supply reported in **Table 2.3**, and recycled water reported in **Table 2.4**, and is shown in **Table 2.5**.

Table 2.5: Total water estimated to be used in the Basin in AF.

Water Year	Groundwater (AF)			Surface Water (AF)			Recycled Water (AF)		Total (AF)
	Ag	Mun	Non-mun Domestic	Ag	Mun	Non-mun Domestic	Ag	Groundwater Recharge	
2024	3,865	1,992	495	5,034	768	2,804	764	2,463	18,185

¹ Assumptions and limitations relevant to water use estimations are explained in sections above and similarly apply to the amounts shown here.

2.6 Change in Groundwater Storage

For Water Year 2024, the method used to estimate change in storage based on changes in groundwater levels was refined compared to past reports to better reflect basin conditions and preliminarily defined water year types. From 2017 to 2024, change in storage estimates were calculated using the change in fall low groundwater elevations from year to year. As shown in previous annual reports, changes in storage prior to 2018 were calculated in the GSP by the UVIHM.

The change in storage was computed using the estimated differences in fall low groundwater elevations (see groundwater elevation contour maps) and the aquifer storage properties defined in the UVIHM. Differences in groundwater elevations were calculated by mapping groundwater elevations in the Basin on the same grid used by the UVIHM. This grid divides the Basin into 100-meter (m) by 100-m cells. Each grid was assigned a fall groundwater elevation using the same interpolation methods used to generate groundwater elevation contour maps. The extent of contour maps was limited to where data were available, and estimation could be reasonably made. Change in storage was subsequently estimated for each cell using the aquifer properties defined for each grid cell in the UVIHM, and the differences in groundwater elevations between sequential water years. Groundwater elevations were not consistently measured at all wells for all water years, and uncertainty in aquifer properties and groundwater elevation interpolation results should be considered in interpreting these results.

Annual changes in storage for Water Years 1992 through 2024 are presented in **Figure 2.4**.

As shown in **Figure 2.4**, storage in the Basin decreased during Water Years 2020, 2021, and 2022. This is consistent with the low precipitation received during those years and the preliminary calculation of water year types for those years (Dry and Critical). The change in storage increased notably in Water Year 2023, and increased by a lower amount in Water Year 2024. This corresponds with the increase in precipitation in 2023 and 2024.

The estimated changes in storage based on groundwater levels are within the margin of annual historical changes in the Basin estimated by the UVIHM. The estimated increase in storage in Water Year 2024 is roughly 200 AF.

The cumulative changes in storage indicate that the Basin is recovering from the recent drought. However, using this method of storage change estimation based groundwater elevations does not indicate full storage recovery compared to historic levels. Model updates underway now should allow for improved characterization of basin storage in future annual reports. It should be noted that future revised storage figures generated using the updated UVIHM will likely differ from those presented in this report that rely solely on groundwater level-based estimation.

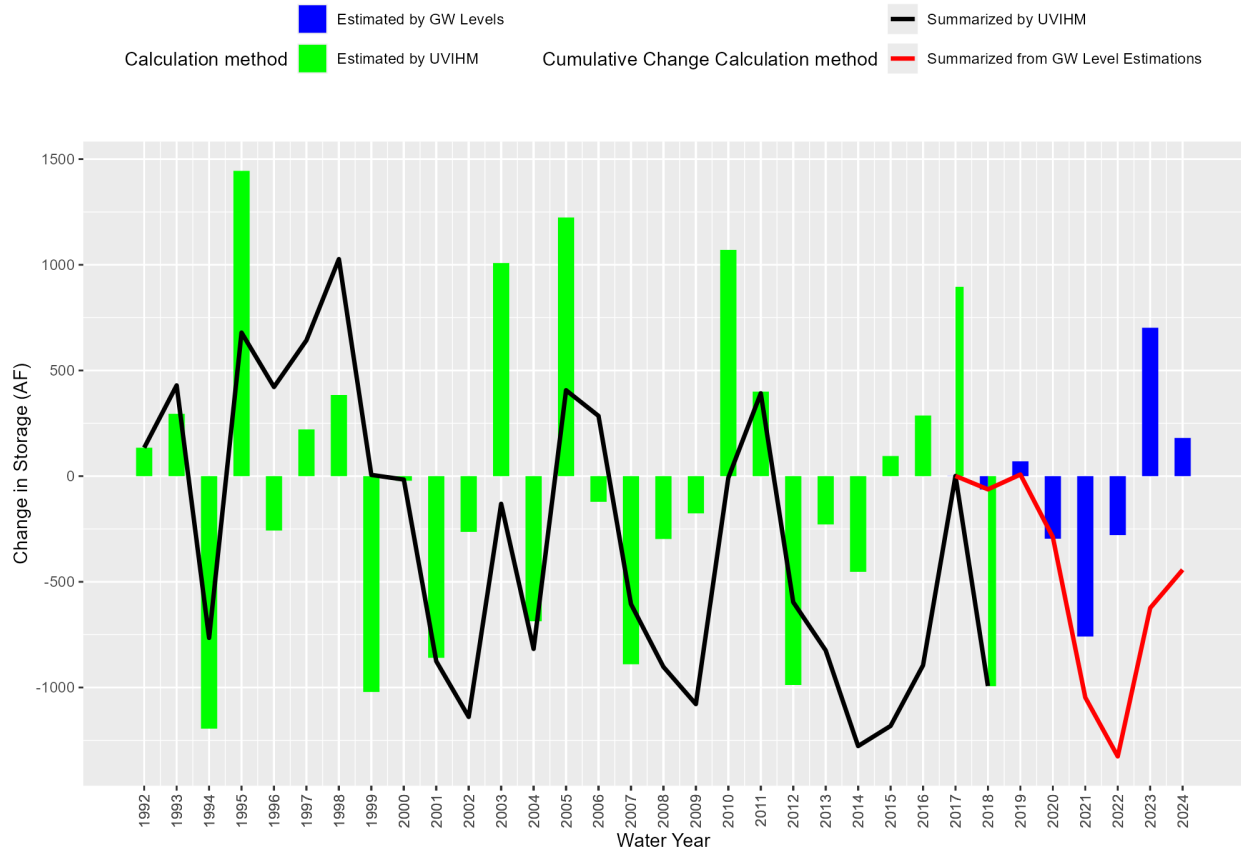


Figure 2.4: Modeled and estimated groundwater storage change in the Basin in AF. Estimated storage changes based on groundwater levels are fall-to-fall.

Chapter 3

Progress Toward Implementing the Groundwater Sustainability Plan

The GSP was submitted to DWR on January 28, 2022. The implementation of the GSP started on February 1, 2022. The Department of Water Resources (DWR) recommended the GSP for approval in July 2023. This Report is the third annual report submitted by the GSA and covers the implementation period of the GSP. An update regarding the projects and management actions (PMAs) defined in the GSP, and a comparison of SMC sustainability indicators to current conditions is provided to facilitate a better understanding of the GSP implementation and Basin conditions.

3.1 Sustainable Management Criteria

3.1.1 Chronic Lowering of Groundwater Levels

For both spring high and fall low measurements, the measured depth to groundwater at each RMP is compared to the chronic lowering of groundwater levels SMCs in **Table 3.1**. Hydrographs for these wells are also provided in **Appendix B**.

The Fall 2024 measurement is defined as the greatest depth to groundwater measured during the months of September to November (fall low). The Spring 2024 measurement is defined as the smallest depth to groundwater measured during months of March to May (spring high). The fall low depth to groundwater at one RMP well **Ukiah Valley-1 (391918N1232003W001)** crossed the minimum threshold in Water Year 2024. This well also crossed the minimum threshold in Water Year 2023 and 2022. The occurrence of undesirable results requires that the fall low of more than one third of the RMPs fall below their respective minimum thresholds for two consecutive years. Only 1 well out of 6 RMPs crossed the minimum threshold for more than two consecutive years. Therefore, there is currently no occurrence of undesirable results. Additionally, due to the new influence of immediately adjacent pumping, the GSA will consider updating the baseline conditions and SMCs for **Ukiah Valley-1 (391918N1232003W001)** during the periodic evaluation (see **Section 2.1.2**).

The summary status for these RMP sites for Fall 2024 is also shown in **Figure 3.1**. Measurements are sorted into the following categories: Near or Above Measurable Objective, Within Central Operational Range, Near Minimum Threshold, or At or Below Minimum Threshold. These ranges

are defined below and are based on the MO, MT, and a provisional metric NMT (near minimum threshold). The NMT is defined as $MT - (MT - MO) * 0.25$.

Near or Above Measurable Objective: measurement > MO

Within Central Operational Range: MO > measurement > NMT

Near Minimum Threshold: NMT > measurement > MT

At or Below Minimum Threshold: MT > measurement

The status of measured depths to groundwater at each RMP compared to the *ISW SMCs* is shown in **Table 3.4**.

One of the RMP wells (**391730N1232108W001**) was destroyed during a construction project in 2018 and can no longer be monitored. The GSA has selected **Ukiah Valley-36 (391586N1232003W002)** a well in the existing monitoring network as a replacement but has not yet developed interim SMCs for this location. Additionally, DWR lost access to RMP well **391096N1231677W001** in Water Year 2024, with the last field measurement collected in August 2024. The GSA has selected **Ukiah Valley-27 (391086N1231710W001)** as a replacement well, which was previously monitored by the GSA from 2015 – 2021 and dropped from the active well network during a 2022 effort to streamline monitoring efforts. This location serves as a suitable replacement due to its proximity to the lost DWR well (~1,000 feet), comparable completion depth, amenable landowner, and existing monitoring record. The landowner has agreed to installation of a water level sensor with telemetry to aid collection of high quality, high frequency data ahead of SMC development. Plans are in place to develop SMCs for both replacement RMP wells during the 2027 Periodic Evaluation.

The spring measurement for RMP well **Ukiah Valley-32 (390664N1231491W001)** was missed for Water Year 2024 due to a change in landownership and delays in obtaining a new access agreement to allow for field measurements. Access has since been granted and the well instrumented with a water level sensor and telemetry.

Table 3.1: Spring high and fall low measurements in 2024 compared to SMCs for wells in the Groundwater Levels RMP network. Measurements represent depth to groundwater measured from the ground surface elevation. Bolded wells have crossed their minimum threshold.

Site Code	Spring 2024 Measurement	Fall 2024 Measurement	MT	MO	5-year IM	10-year IM	15-year IM	Trigger
391225N1231852W001	8.31	19.61	25	24	24.75	24.5	24.25	15
390664N1231491W001	-	20.77	28	26	27.50	27.0	26.50	14
391918N1232003W001	35.29	58.62	48	46	47.50	47.0	46.50	32
391322N1231929W001	4.32	13.02	34	19	30.25	26.5	22.75	8
392962N1232047W001	12.23	17.55	65	19	53.50	42.0	30.50	8
391096N1231677W001	10.44	-	44	38	42.50	41.0	39.50	18

¹ Spring measurement is considered as the smallest depth to groundwater measured during months of March to May.

² Fall measurement is considered as the greatest depth to groundwater measured during the months of September to November.

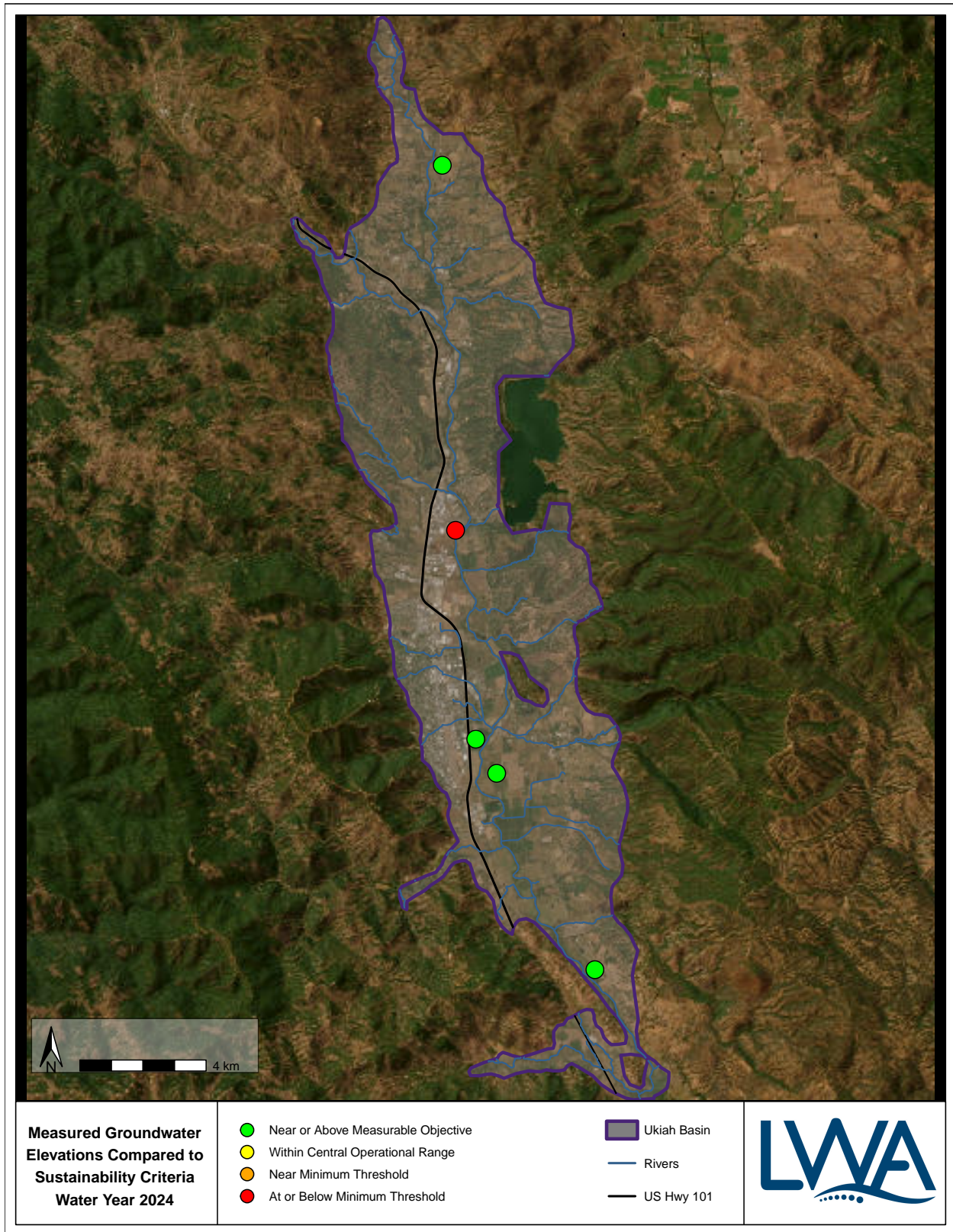


Figure 3.1: Status of the chronic lowering of groundwater levels RMP network for Fall 2024.

3.1.2 Reduction of Groundwater Storage

The GSP uses groundwater elevations as a proxy to manage the reduction of groundwater storage in the Basin. This is due to existing data gaps and needed improvements to the UVIHM, as discussed in the GSP. As shown in **Figure 3.1**, all but one RMP in the chronic lowering of groundwater levels monitoring network show groundwater elevations higher than the defined minimum thresholds. The annual change in storage for Water Year 2024 was estimated to be approximately 200 AF, which is comparable to historical fluctuations in the storage of the Basin.

3.1.3 Degradation of Groundwater Quality

The GSP identified nitrate, specific conductivity, boron, iron, and manganese as the constituents of concern (COCs) to be monitored by the GSA. The GSP only set sustainability indicators for nitrate and specific conductivity due to the natural occurrence of the other three COCs. Nitrate and specific conductivity are designated to be monitored annually, while the other three constituents are planned to be monitored once every three years. The undesirable result is defined based on the percentage of exceedances during the assigned frequency for nitrate and specific conductivity. Boron, iron, and manganese are also evaluated in this report, though SMCs are not set for these constituents due to their natural occurrence. As stated in the GSP, the concentrations of these constituents are not representative of the Basin water quality.

The maximum concentration of nitrate as N and specific conductivity sampled from the groundwater quality RMP network in Water Year 2024 is shown in **Table 3.2**. The results are compared to the MT and MO for each of the 22 groundwater quality RMPs in the network. The MT for nitrate as N is 10 mg/L (the Title 22 Primary Maximum Contaminant Level, or MCL), and the MT for specific conductivity is 900 micromhos/cm (Title 22 Recommended Secondary Maximum Contaminant Level, or SMCL). The MOs for Nitrate as N and Specific Conductivity are 7.5 mg/L and 675 micromhos/cm respectively.

All samples for Nitrate as N *except two* are below the regulatory limit and the thresholds set in the GSP. **UVBGSA-06a** and **UVBGSA-06b** each had one sample above the MT of 10 mg/L. All samples collected for specific conductivity are below the regulatory limit and thresholds set in the GSP. One Specific Conductivity measurement at UVBGSA-05 is above the MO but below the MT. Therefore, good groundwater quality in the Basin has been maintained during the reporting year.

The GSP states:

Undesirable results are experienced if the maximum thresholds are exceeded at 50% or more of the groundwater quality monitoring wells sampled in the respective sampling period for any COIs with a defined maximum threshold.

Based on this evaluation, there is no occurrence of undesirable results for Water Year 2024. For Nitrate, only two samples out of twelve were above the MT (i.e., 17% of RMPs measured maintained were above the MT; for the occurrence of undesirable results, 50% of measured wells must be above the MT). There is also no occurrence of undesirable results for Specific Conductivity, as all the samples were below the MT.

Table 3.2: Water quality data from Water Year 2024 in the RMP network. The Nitrate MO and MT are 7.5 and 10 mg/L respectively; the Specific Conductivity MO and MT are 675 and 900 micromhos/cm respectively. Results with a < symbol are non-detect (ND).

WellID	Nitrate WY2024 Max	Status Nitrate	SC WY2024 Max	Status SC
CA2300605_001_001	-	No measurement	-	No measurement
CA2300605_003_003	-	No measurement	-	No measurement
CA2310003_004_004	2.2	Below MO	-	No measurement
CA2310003_028_028	<0.4	Below MO	320	Below MO
CA2310003_029_029	1.7	Below MO	320	Below MO
CA2310002_001_001	-	No measurement	280	Below MO
CA2310002_002_002	-	No measurement	-	No measurement
CA2310002_005_005	-	No measurement	-	No measurement
CA2310002_009_009	-	No measurement	-	No measurement
CA2310006_009_009	-	No measurement	-	No measurement
CA2300507_001_001	-	No measurement	-	No measurement
CA2310005_001_001	-	No measurement	-	No measurement
CA2310005_004_004	-	No measurement	290	Below MO
UVBGSA-01a	<1	Below MO	190	Below MO
UVBGSA-01b	<1	Below MO	210	Below MO
UVBGSA-01c	<1	Below MO	670	Below MO
UVBGSA-05	<1	Below MO	895	Below MT
UVBGSA-06a	26	Above MT	270	Below MO
UVBGSA-06b	14	Above MT	250	Below MO
UVBGSA-06c	<1	Below MO	560	Below MO
UVBGSA-06d	<1	Below MO	310	Below MO
UVBGSA-07	<1	Below MO	230	Below MO

Table 3.3: Water quality data from Water Year 2024 for Boron Iron and Manganese.

Well ID	Result	Analyte	Date	Units	MCL or SMCL	Source
CA2300507_001_001	0.19	Manganese	2023-12-22	mg/L	0.05	Title 22 - Table 64449-A
CA2310002_001_001	0.36	Boron	2024-05-16	mg/L	1.00	California Division of Drinking Water
CA2310002_001_001	<0.02	Manganese	2024-06-20	mg/L	0.05	Title 22 - Table 64449-A
CA2310002_001_001	<0.1	Iron	2024-06-20	mg/L	0.30	Title 22 - Table 64449-A
CA2310003_028_028	<0.1	Iron	2024-07-25	mg/L	0.30	Title 22 - Table 64449-A
CA2310003_028_028	<0.02	Manganese	2024-07-25	mg/L	0.05	Title 22 - Table 64449-A
CA2310003_028_028	0.13	Boron	2024-07-25	mg/L	1.00	California Division of Drinking Water
CA2310003_029_029	<0.02	Manganese	2024-07-25	mg/L	0.05	Title 22 - Table 64449-A
CA2310003_029_029	<0.1	Iron	2024-07-25	mg/L	0.30	Title 22 - Table 64449-A
CA2310003_029_029	0.42	Boron	2024-07-25	mg/L	1.00	California Division of Drinking Water
UVBGSA-01a	0.3	Boron	2023-12-21	mg/L	1.00	California Division of Drinking Water
UVBGSA-01a	<0.1	Iron	2023-12-21	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-01a	<0.02	Manganese	2023-12-21	mg/L	0.05	Title 22 - Table 64449-A
UVBGSA-01b	0.29	Boron	2023-12-21	mg/L	1.00	California Division of Drinking Water
UVBGSA-01b	<0.1	Iron	2023-12-21	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-01b	<0.02	Manganese	2023-12-21	mg/L	0.05	Title 22 - Table 64449-A
UVBGSA-01c	0.26	Boron	2023-12-21	mg/L	1.00	California Division of Drinking Water
UVBGSA-01c	0.11	Iron	2023-12-21	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-01c	0.3	Manganese	2023-12-21	mg/L	0.05	Title 22 - Table 64449-A

Table 3.3: Water quality data from Water Year 2024 for Boron Iron and Manganese. *(continued)*

Well ID	Result	Analyte	Date	Units	MCL or SMCL	Source
UVBGSA-05	0.29	Boron	2023-12-21	mg/L	1.00	California Division of Drinking Water
UVBGSA-05	5.7	Iron	2023-12-21	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-05	0.165	Manganese	2023-12-21	mg/L	0.05	Title 22 - Table 64449-A
UVBGSA-06a	<0.2	Boron	2023-12-20	mg/L	1.00	California Division of Drinking Water
UVBGSA-06a	0.3	Iron	2023-12-20	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-06a	0.038	Manganese	2023-12-20	mg/L	0.05	Title 22 - Table 64449-A
UVBGSA-06b	<0.2	Boron	2023-12-20	mg/L	1.00	California Division of Drinking Water
UVBGSA-06b	<0.1	Iron	2023-12-20	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-06b	0.53	Manganese	2023-12-20	mg/L	0.05	Title 22 - Table 64449-A
UVBGSA-06c	<0.2	Boron	2023-12-20	mg/L	1.00	California Division of Drinking Water
UVBGSA-06c	<0.1	Iron	2023-12-20	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-06c	0.45	Manganese	2023-12-20	mg/L	0.05	Title 22 - Table 64449-A
UVBGSA-06d	<0.2	Boron	2023-12-20	mg/L	1.00	California Division of Drinking Water
UVBGSA-06d	<0.1	Iron	2023-12-20	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-06d	0.26	Manganese	2023-12-20	mg/L	0.05	Title 22 - Table 64449-A
UVBGSA-07	<0.2	Boron	2023-12-20	mg/L	1.00	California Division of Drinking Water
UVBGSA-07	0.22	Iron	2023-12-20	mg/L	0.30	Title 22 - Table 64449-A
UVBGSA-07	0.65	Manganese	2023-12-20	mg/L	0.05	Title 22 - Table 64449-A

3.1.4 Subsidence

Subsidence in the Basin is monitored using TRE ALTAMIRA InSAR data provided by the DWR. This data is made available through the DWR SGMA Data Viewer¹ and shows overall vertical displacement less than 0.1 ft for the entire Basin during the Water Year 2024.

3.1.5 Depletion of Interconnected Surface Waters

As discussed in **Chapter 3** of the GSP, depletion of ISWs SMC is assessed in the first five years using groundwater elevations/depth to groundwater as a proxy. This is due to the existing data gaps and the need to update and enhance the UVIHM through additional collection of data and information.

RMPs included in the depletion of ISWs monitoring network, and their measured depths to groundwater at seasonal low (Fall 2024) and seasonal high (Spring 2024) are shown in **Table 3.4**. Field measurements for two of the three designated ISW RMP wells dipped below their respective MTs during Fall 2024 and Fall 2023 (**Ukiah Valley-1 (391918N1232003W001)** and **Ukiah Valley-34 (391285N1231607W001)**). However, it is important to note that examination of continuous sensor data collected at **Ukiah Valley-34 (391285N1231607W001)** reveals that Fall 2024 and Fall 2023 measurements were collected during active or very recent pumping, which biased the field measurements and caused them to drop below the associate MT. Examination of static water level attained following recovery from recent or active pumping at **Ukiah Valley-34 (391285N1231607W001)** during Fall 2023 and Fall 2024 indicates that non-pumping water levels remained above the MT. The GSP states that during the five year interim period, an undesirable result for depletion of ISW has occurred when more than a third of the ISW RMPs have fallen below their defined MTs for two consecutive years (see Section 3.9.2 of the GSP). Continuous sensor data reveal that an **undesirable result for depletion of ISW has not occurred**. The GSA has become aware that pumping of a nearby water district well appears to be influencing **Ukiah Valley-1 (391918N1232003W001)**, which is part of both Chronic Lowering of Groundwater Levels and Depletion of ISWs RMP monitoring networks and likely contributes to patterns of dry season groundwater elevation decline that have been observed at this location since Water Year 2022 and contrast patterns observed during earlier water years. To better characterize the occurrence of water level declines and influence from the new and immediately adjacent pumping well at **Ukiah Valley-1 (391918N1232003W001)**, the GSA has installed a water level sensor and telemetry at this site and will consider updating the baseline conditions and SMCs for **Ukiah Valley-1 (391918N1232003W001)** during the periodic evaluation.

Since completion of the GSP, the GSA has made efforts to address known data gaps in understanding of ISW in the Basin. In January 2022, the GSA completed installation and instrumentation of groundwater wells and stream gages planned to be included in the Depletion of ISWs monitoring network. These wells and stream gages complete the planned transects identified in the GSP and should improve understanding of ISW dynamics. In Fall 2024, the GSA was awarded a \$1.36 million California Department of Fish and Wildlife grant to complete a study examining ISW and groundwater dependent ecosystems in the Upper Russian River Watershed, including installation of additional stream gages and groundwater level sensors. The CDFW-funded project will complement efforts currently underway in the Basin led by GSA partner California Land Stewardship Institute (CLSI). CLSI obtained a U.S. Bureau of Reclamation WaterSMART grant to study long-term water resiliency in the Ukiah Valley and Upper Russian River through modeling of the impacts

¹<https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#currentconditions>

of future climate and management actions on instream flows and groundwater levels in the Basin. Additional information on the CDFW and WaterSMART funded projects are provided in Section 3.2 of this report. Taken together, these studies and new monitoring network installations put the GSA in a good position to expand the ISW RMP network and update definition of SMCs during the 2027 Periodic Evaluation.

Table 3.4: Spring high and fall low measurements in 2024 compared to SMCs for wells in ISW RMP network. Measurements represent depth to groundwater measured from the ground surface elevation. Bolded wells have crossed their minimum threshold.

Site Code	Spring 2024 Measurement	Fall 2024 Measurement	MT	MO	Trigger
391225N1231852W001	8.31	19.61	25	24	15
391918N1232003W001	35.29	58.62	48	47	32
UVB_184	3.88	16.35	26	25	10

¹ Spring measurement is considered as the smallest depth to groundwater measured during months of March to May.

² Fall measurement is considered as the largest depth to groundwater measured during the months of September to November.

³ Note that continuous sensor data is used in place of the field measurement for RMP well 391285N1231607W001, due to the presence of pumping during the fall field measurement.

3.2 Update on Project Implementation and Management Actions

During Water Year 2024 the GSA, its member agencies, and partners have continued making progress in furthering the Project and Management Actions (PMAs) defined in Chapter 4 of the GSP.

The City of Ukiah's (City) recycled water project continued operation and delivered recycled water to agricultural users totaling approximately 700 acres along the Russian River and select park and institutional users to satisfy their landscape irrigation needs², reducing the need for surface water diversions by approximately 764 AF during Water Year 2024. In addition, the City's Wastewater Treatment Plant has continued its aquifer recharge operation using year-round percolation ponds. The City has secured a \$53.7 million grant from the California State Water Resources Control Board to expand its capacity to produce and deliver recycled water and began construction of the Phase 4 project in Spring 2024. These system updates will increase the City's recycled water production capacity by approximately 50% and expand purple pipe irrigation of parks and institutional landscaping³. Recycled water and spreading recharge volumes for the reporting year are shown in **Section 2.4**.

The California Land Stewardship Institute (CLSI) in partnership with the City were awarded \$1.53 M in funding from the US Bureau of Reclamation WaterSMART Drought Resiliency Project Grant for a two part project focused on increasing water supply resiliency and reliability in the Basin. CLSI's portion of the project entails expanding and updating the Ukiah Valley Integrated Hydrologic Model (UVIHM) to simulate projected climate conditions combined with a series of management actions to simulate a range of potential scenarios. These model simulations will support the development of a Decision Support Tool with an online user interface that is accessible to the community. This tool will help facilitate the coordination of water managers' actions and protect instream flows for threatened steelhead trout in the Upper Russian River Watershed, while providing drought resiliency for the Ukiah Valley community. The second part of the project will involve construction of a supplemental well for the City to use during drought conditions which the City has experienced in 8 of the last 10 years. This project supports the 2020 Drought Agreement with multiple water users in the Ukiah Valley area and the California State Water Resources Control Board. The project will also create an additional source of supplemental water supply as recommended in the drought resiliency chapter of the City's 2020 Urban Water Management Plan. Geotechnical consultants have been selected by CLSI and the City, and project work is expected to conclude in 2026.

The GSA was not successful in its pursuit of DWR Round 2 SGMA Implementation Grant funding and has been working to secure other funding sources to support PMAs and GSP implementation. In Fall 2023, the GSA submitted two grant proposals to California Department of Fish and Wildlife (CDFW) to support two PMAs identified in Chapter 4 of the GSP. The proposed projects and their status are described below:

- 1) **Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Water Study**. This project aims to fill critical data gaps regarding timing and extent of inter-connection along the Russian River mainstem and key tributaries, as well as spatial extent of groundwater dependent ecosystems and environmental beneficial users in the Basin. The resulting data will be used to close critical data gaps identified in the GSP, update the UVIHM, inform SMC revisions and would address two of the five recommended corrective actions cited

²<https://cityofukiah.com/recycled-water-phase-4/>

³<https://cityofukiah.com/recycled-water-phase-4/>

in DWR's GSP Assessment Staff Report (see Section 3.3). In September 2024, the GSA was awarded the fully requested amount of \$1.36 million to carry out a study of groundwater dependent ecosystems and ISW in the Upper Russian River. CDFW and the GSA established a grant agreement in January 2025 and as of February 2025 the GSA is in the process of developing a request for proposals to select a consultant team to carry out the project work.

- 2) **Ukiah Western Hills Land Acquisition for Restoration, Conservation, Watershed Protection, and Wildfire Mitigation.** Developed in partnership with the City of Ukiah, this project aims to acquire private property in the Western Hills for multiple benefits that include protection of key tributaries to the Upper Russian River that supply surface flows and groundwater recharge in the Basin. In addition, these properties include key habitat for groundwater dependent ecosystems. This project addresses a Tier II PMA identified in Chapter 4 of the GSP: City of Ukiah Western Hills Source Water Protection and will be coordinated with ISW monitoring network expansion. As of February 2025, a decision was still pending.

In addition to pursuing grants, the GSA hired a team led by Hansford Economic Consulting to develop a funding mechanism that will allow the GSA to become financially self-sufficient and move away from relying solely on member agency contributions and grant funding. In June 2024, the GSA Board of Directors voted to approve a resolution establishing a groundwater sustainability fee to be paid by all beneficiaries of groundwater sustainability in the Ukiah Valley Basin, as established by the Fee Study⁴. The annual fee will pay for the operating expenses necessary to manage and staff the Agency, fund investigative and feasibility studies as described in the GSP, management and implementation actions detailed in the GSP, annual reports required under SGMA, and periodic evaluations of the GSP⁵. Starting in Fall 2024, the regulatory fee was placed on the property tax roll by the Mendocino County Auditor-Controller and will be collected with property taxes⁶. Property owners of parcels that do not receive property tax bills will be direct billed by the GSA. Property owners can view the fee associated with their parcel number using an interactive mapping tool on the GSA's webpage⁷.

During Water Year 2024, the GSA Board directed its on-call technical consultant Larry Walker Associates to begin the first phase of a Well Inventory Study, which is identified as a Tier II PMA identified in Chapter 4 of the GSP. This phase will focus on collection, aggregation, and informed revision of well location and construction information. Remaining data gaps will be identified along with recommendations for filling those data gaps.

3.3 Progress Towards Addressing Recommended Corrective Actions

A GSP determination letter was issued to the GSA upon DWR's approval of the submitted plan on July 27, 2023. In the accompanying GSP Assessment Staff Report, DWR staff indicated support for addressing the anticipated updates and data gap closure efforts described in the GSP and urged the GSA to address these issues as soon as possible. In addition, DWR staff provided five recommended actions to be considered and addressed by the Plan's first Periodic Evaluation due

⁴<https://ukiahvalleygroundwater.org/fee-study/>

⁵<https://ukiahvalleygroundwater.org/fee-study/>

⁶<https://ukiahvalleygroundwater.org/wp-content/uploads/2024/06/Fee-Adoption-ris-FINAL.pdf>

⁷ukiahvalleygroundwater.org

in January 2027. The five corrective actions that DWR staff have recommended for the Basin include:

- 1) **Recommended Corrective Action 1:** Provide additional details and discussion related to the water budget.
- 2) **Recommended Corrective Action 2:** Refine and provide additional details and discussion related to chronic lowering of groundwater levels sustainable management criteria.
- 3) **Recommended Corrective Action 3:** Clarify and provide additional details and discussion related to degraded water quality sustainable management criteria.
- 4) **Recommended Corrective Action 4:** Continue to fill data gaps, collecting additional monitoring data, coordinating with resources agencies and interested parties to understand beneficial uses and users that may be impacted by depletions of interconnected surface water caused by groundwater pumping, and refine sustainable management criteria.
- 5) **Recommended Corrective Action 5:** Clarify details related to the degraded water quality monitoring network.

During the April 2024 GSA Board of Directors Meeting, members received a recommendation from the Technical Advisory Committee to prioritize three actions in preparation for the 2027 Periodic Evaluation:

- 1) An expanded, enhanced monitoring network
- 2) An interconnected surface water study
- 3) A well inventory

All three of these priorities aim to address key data gaps identified in the UVB Groundwater Sustainability Plan (GSP) and/or corrective actions identified in the Department of Water Resources' GSP approval letter⁸. The issues raised in recommended corrective actions 2,3, and 5 are points of clarification, requiring less effort and will be addressed during GSP updates related to the 2027 Periodic Evaluation.

Expanded Enhanced Monitoring Network

Since submission of the GSP, the GSA has made strides in expanding and improving its monitoring networks through installation of water level sensors and telemetry at 11 wells (several multi-completion) and a shift to monthly monitoring at sites that do not have sensors. The GSA has also installed two stream gages in the basin to address data gaps. During Water Year 2024 the GSA instrumented three of its Representative Monitoring Point (RMP) wells with plans in place to instrument additional wells in 2025. With these improvements, the GSA will be in a good position to expand its RMP Groundwater Level and ISW monitoring networks and define SMCs for these sites during the 2027 Periodic Evaluation.

Interconnected Surface Water Study

As described in Section 3.2 of this report, in September 2024 the GSA was awarded \$1.36 million in CDFW grant funding to support a comprehensive Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Water Study. This project will address important data

⁸The UVB GSP identifies 'Groundwater Wells' Construction Information and Well Inventory' as high priority data gaps (Table 10.2: Data Gap Prioritization) and 'Groundwater Well inventory Program' as a Tier II Project and Management Action (Table 4.2: Tier II PMAs Summary Table.)

gaps described in Action 4 through a combination of geochemical and physical field measurements, desktop surveys, and updates to the UVIHM, while incorporating community feedback. In addition, this project includes funding for additional stream gages and shallow groundwater wells to further expand and instrument the GSA's ISW monitoring network. This CDFW funded project should also allow for improved representation of Lake Mendocino underflow in the UVIHM as DWR has suggested in Action 1. Other efforts currently underway will also aid in filling key data gaps related to interconnected surface waters within the Basin. CLSI's US Bureau of Reclamation WaterSMART Grant funded project (see Section 3.2), includes thalweg characterization for over 14 miles of the Russian River mainstem and improved estimates of agricultural pumping, both of which were identified as important data gaps in the GSP.

Well Inventory

During Water Year 2024 the GSA Board directed its on-call technical consultant Larry Walker Associates to begin the first phase of a Well Inventory Study. This phase will focus on collection, aggregation, and informed revision of well location and construction information. Remaining data gaps will be identified along with recommendations for filling those data gaps. The resulting information will be an important first step in updating the Ukiah Valley Integrated Hydrological Model (Model) to better characterizing subsurface geology that impacts groundwater movement, and to better represent where/from what depth pumping occurs. This in turn will allow for more accurate modeling of groundwater dynamics in the basin including whether and where pumping does or does not impact surface waters.

3.4 Potential Updates to the GSP

The MO set for the Well **391225N1231852W001** in Table 3.9 of the GSP is planned to be updated from 25 to 24 ft-below ground surface (bgs) as part of the 2027 Periodic Evaluation. This well is an RMP for chronic lowering of groundwater elevations and depletion of ISWs. MTs and MOs set for common RMPs between the two networks should be the same based on the methods used. The MO set for chronic lowering of groundwater levels for this well in Table 3.4 of the GSP is correct at 24 ft-bgs. Based on the definition and applicability of the Mos, no immediate adjustments are needed until the 5-year GSP update. The GSA will proceed to use the corrected MO for both networks.

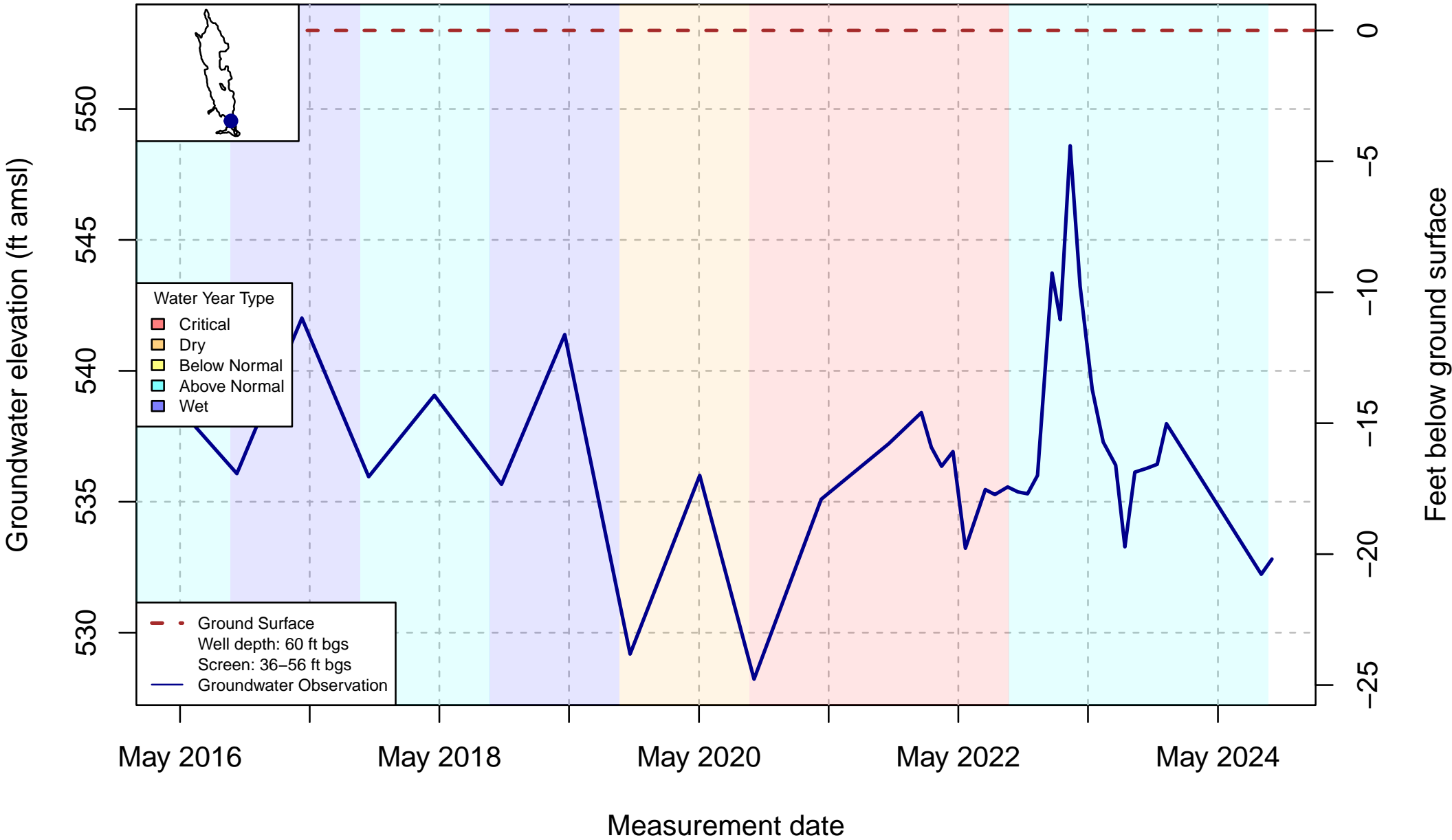
The GSA has learned that RMP well **391730N1232108W001** was destroyed in 2018 as part of a construction project. The GSA has identified another well in its monitoring network, **Ukiah Valley-36 (391586N1232003W002)**, to serve as a replacement. Like the destroyed well, **Ukiah Valley-36 (391586N1232003W002)** is screened to Aquifer II and occupies a mid-Basin location not too close to the other existing RMP wells. **Ukiah Valley-36 (391586N1232003W002)** is a municipal well operated by the City of Ukiah, and the well is outfitted with a sensor to monitor groundwater elevation to ensure effective characterization of its static water level. Additionally, DWR lost access to RMP well **391096N1231677W001** in summer 2024. The GSA has selected **Ukiah Valley-27 (391086N1231710W001)** as a replacement well, which was previously monitored by the GSA from 2015 – 2021 and dropped from the active well network during a 2022 effort to streamline monitoring efforts. This location serves as a suitable replacement due to its proximity to the lost DWR well (~1,000 feet), comparable completion depth, amendable landowner, and existing monitoring record. The landowner has agreed to installation of a water level sensor with telemetry to aid collection of high quality, high frequency data ahead of SMC development. Plans are in place to develop SMCs for both replacement RMP wells during the 2027 Periodic Evaluation. As described

in Section 3.3 of this report, the GSA will continue to evaluate potential for expansion of the RMP network as the 2027 Periodic Update approaches.

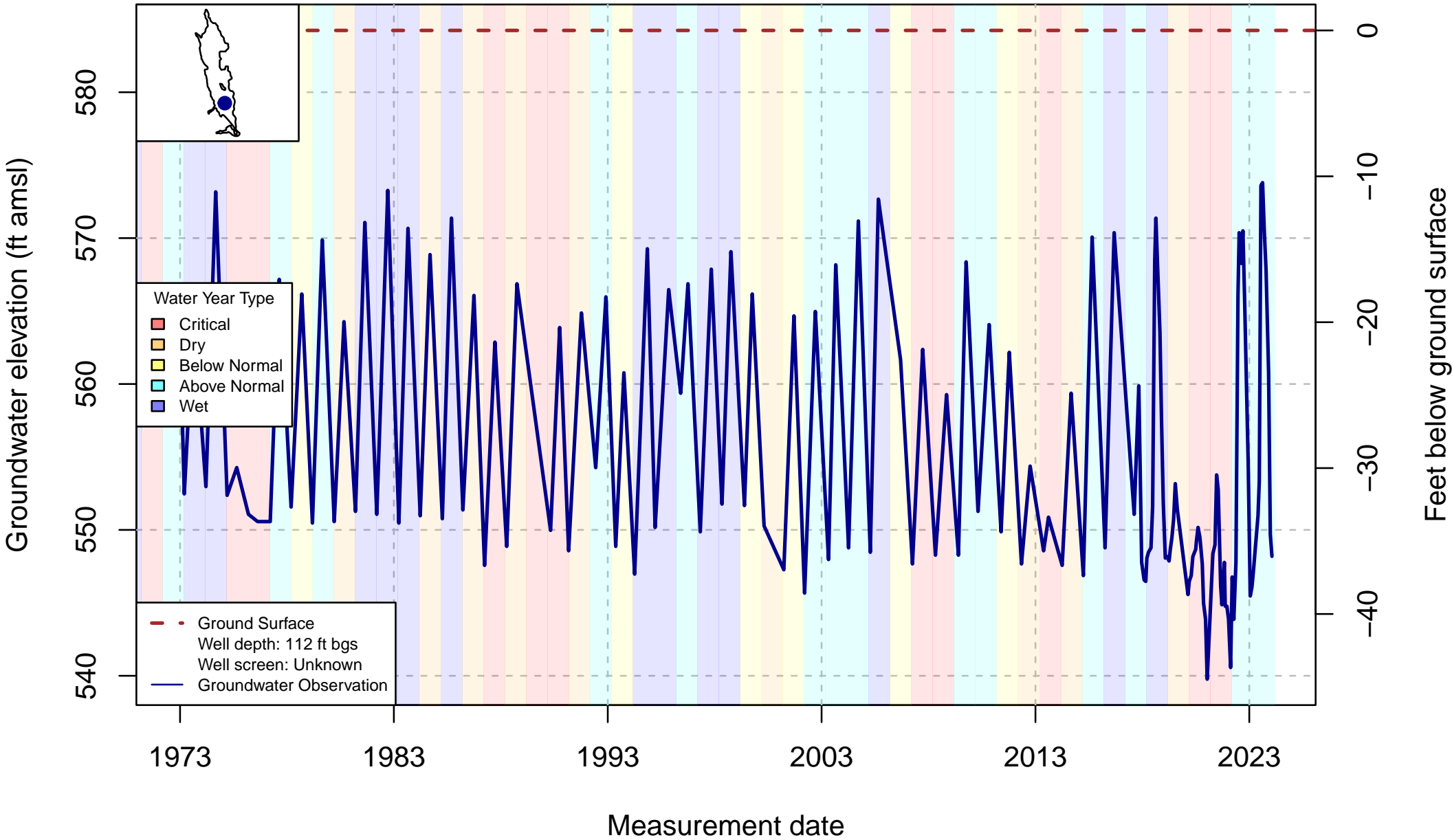
The GSA has also been proactive in utilizing DWR's Technical Support Services funding to expand its monitoring network. In 2022, the GSA added continuous sensors to three single completion wells (**UVBGS-02, UVBGS-05, UVBGS-07**) and two multi-completion wells (**UVBGS-01, UVBGS-06**). Data from these new wells appear in the Water Year 2024 Annual Report and help to provide a more complete picture of Basin conditions. SMCs for these wells will be established during the 2027 Periodic Update. The GSA also intends to consider SMC updates for **Ukiah Valley-1 (391918N1232003W001)**, due to the influence of an immediately adjacent public water supply well that came online during summer 2022 (**Section 3.1.5**).

Appendix A: Chronic Lowering of Groundwater Levels - Monitoring Network Hydrographs

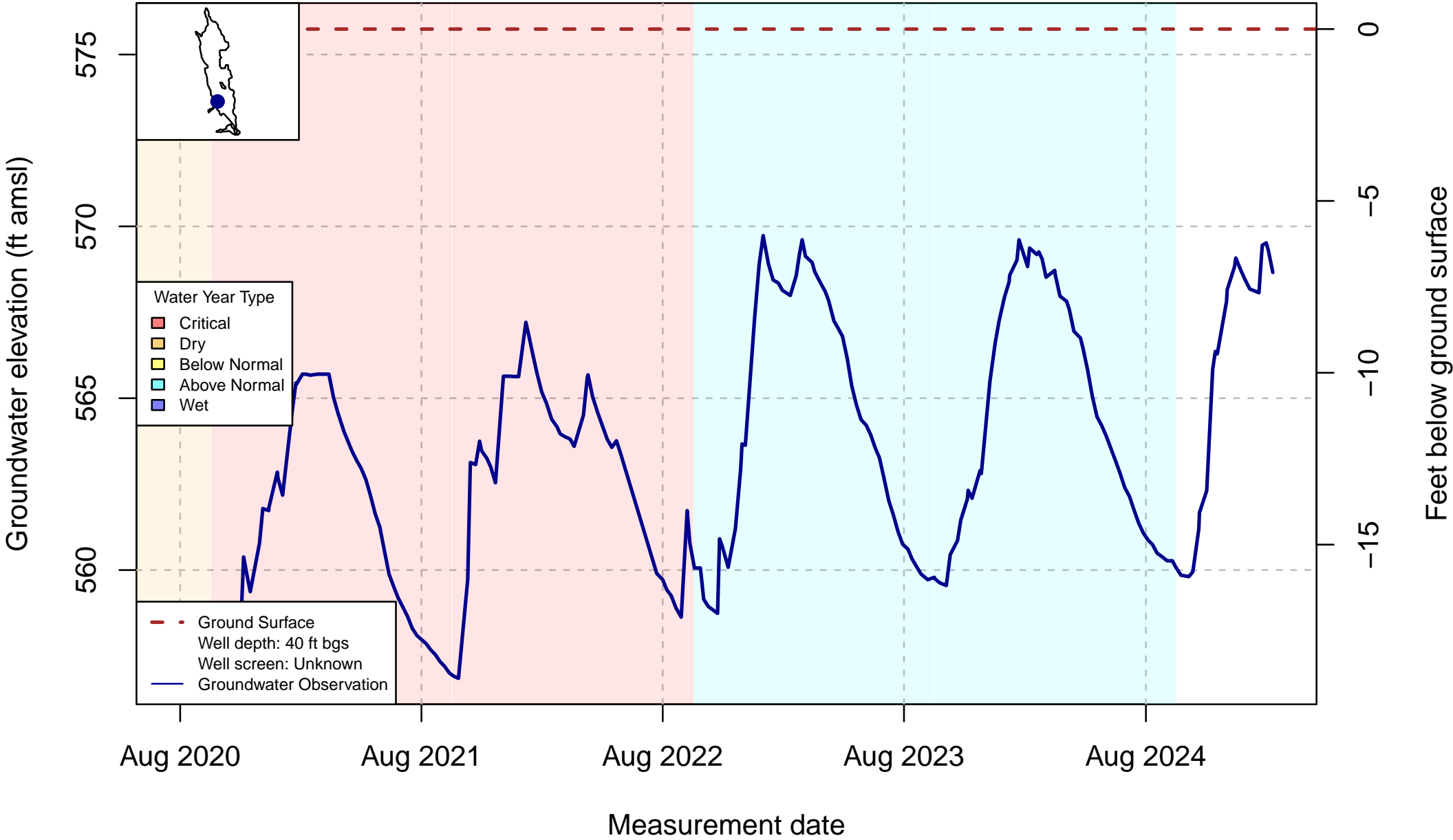
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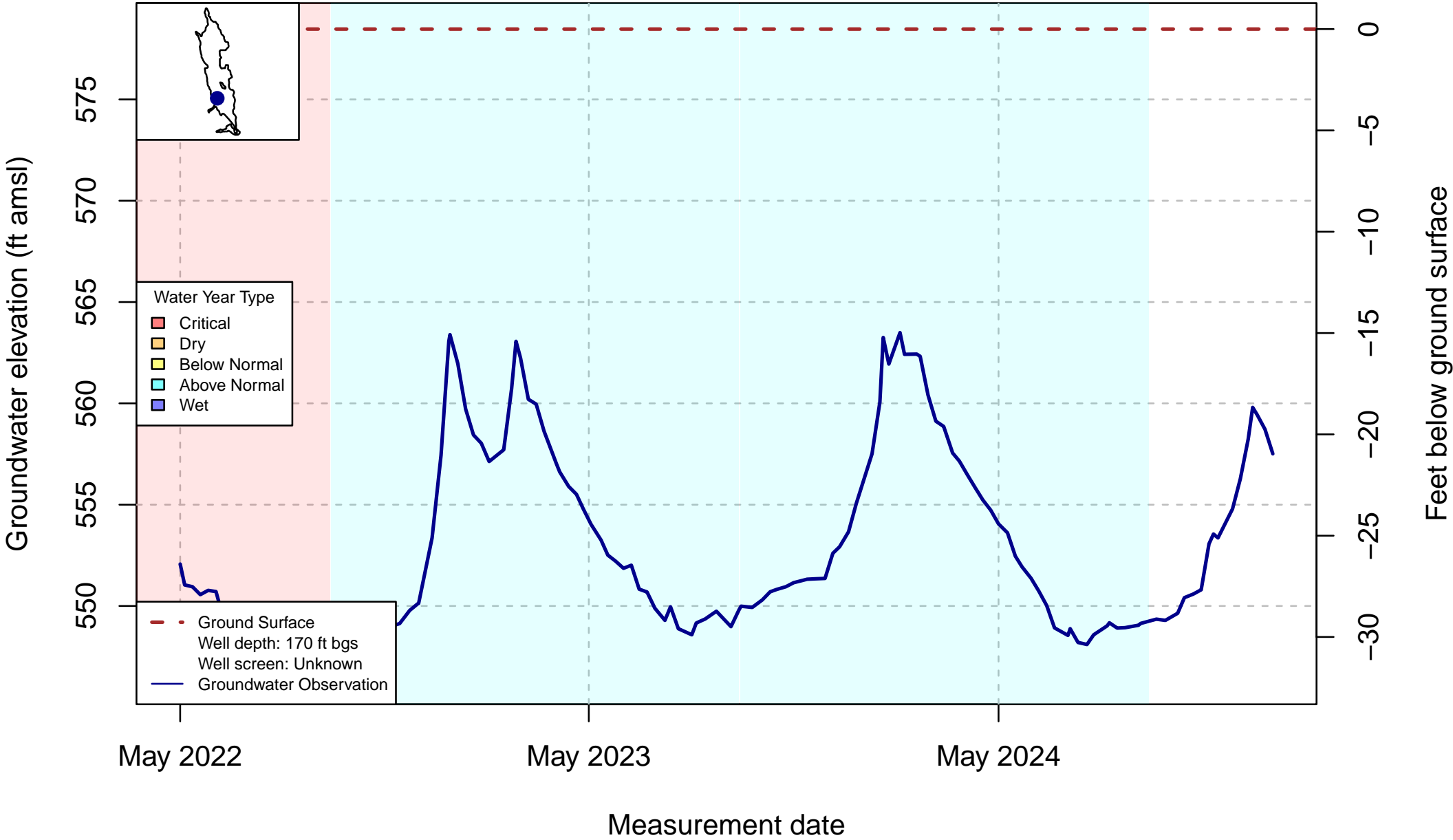
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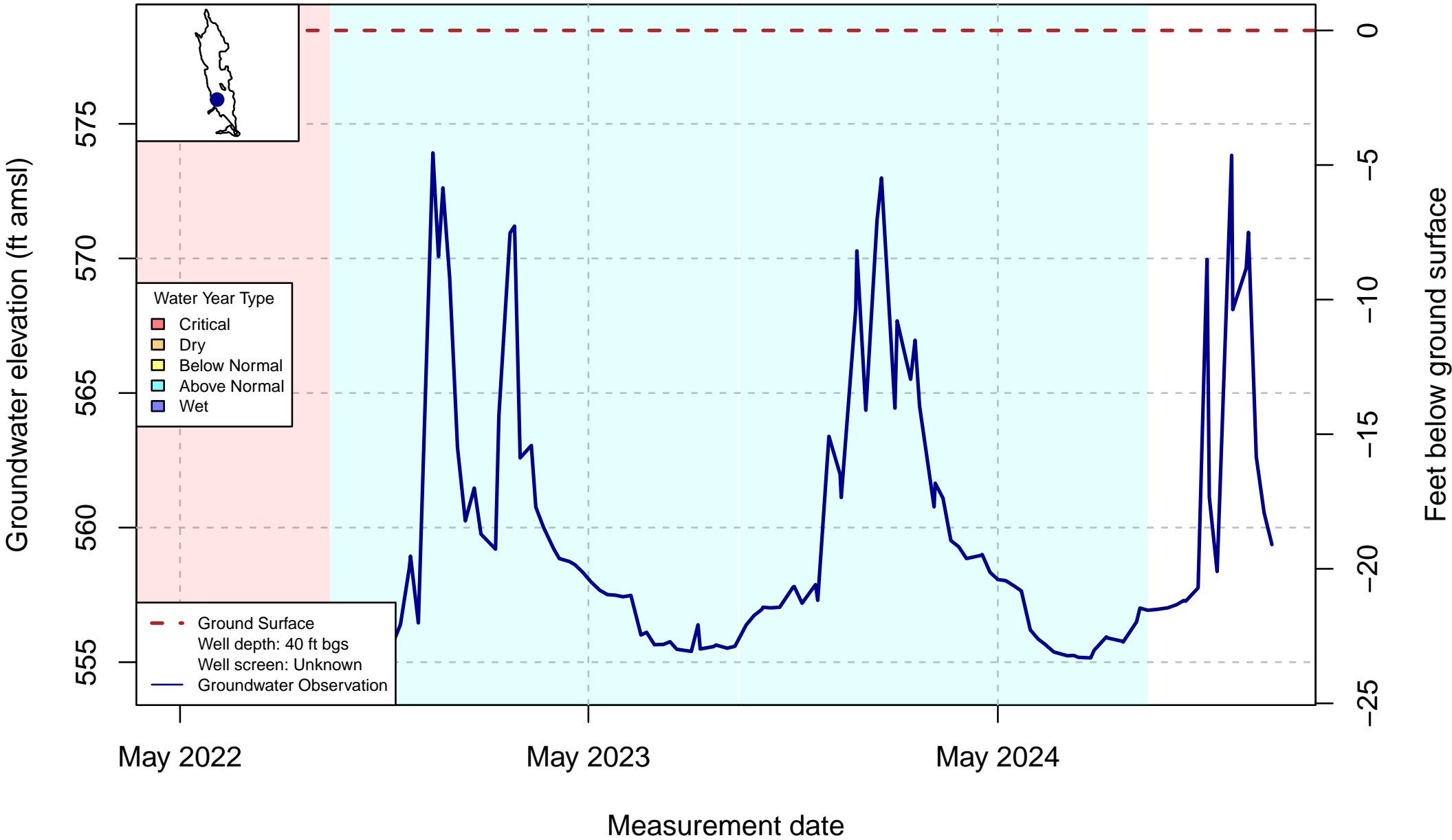
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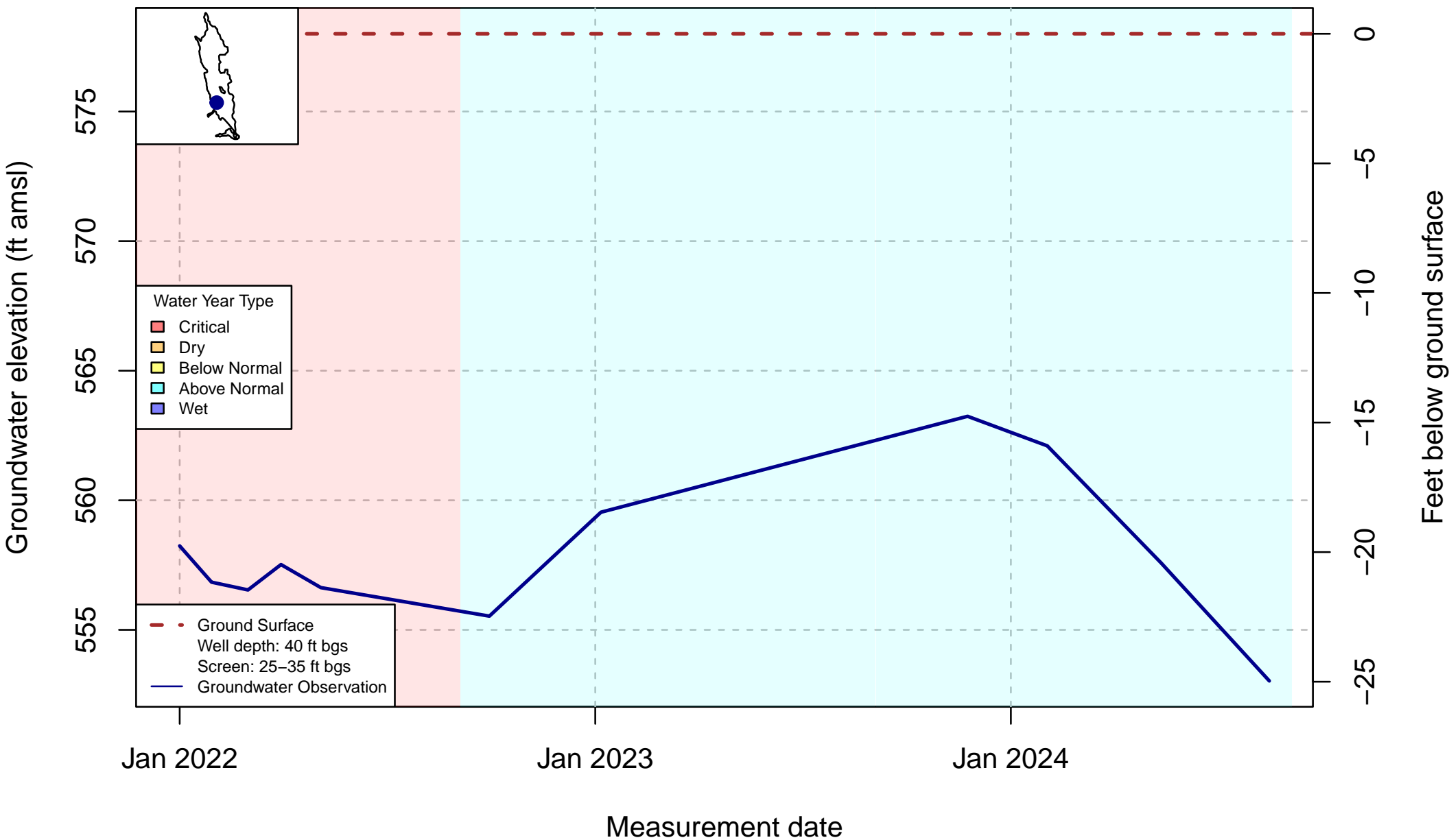
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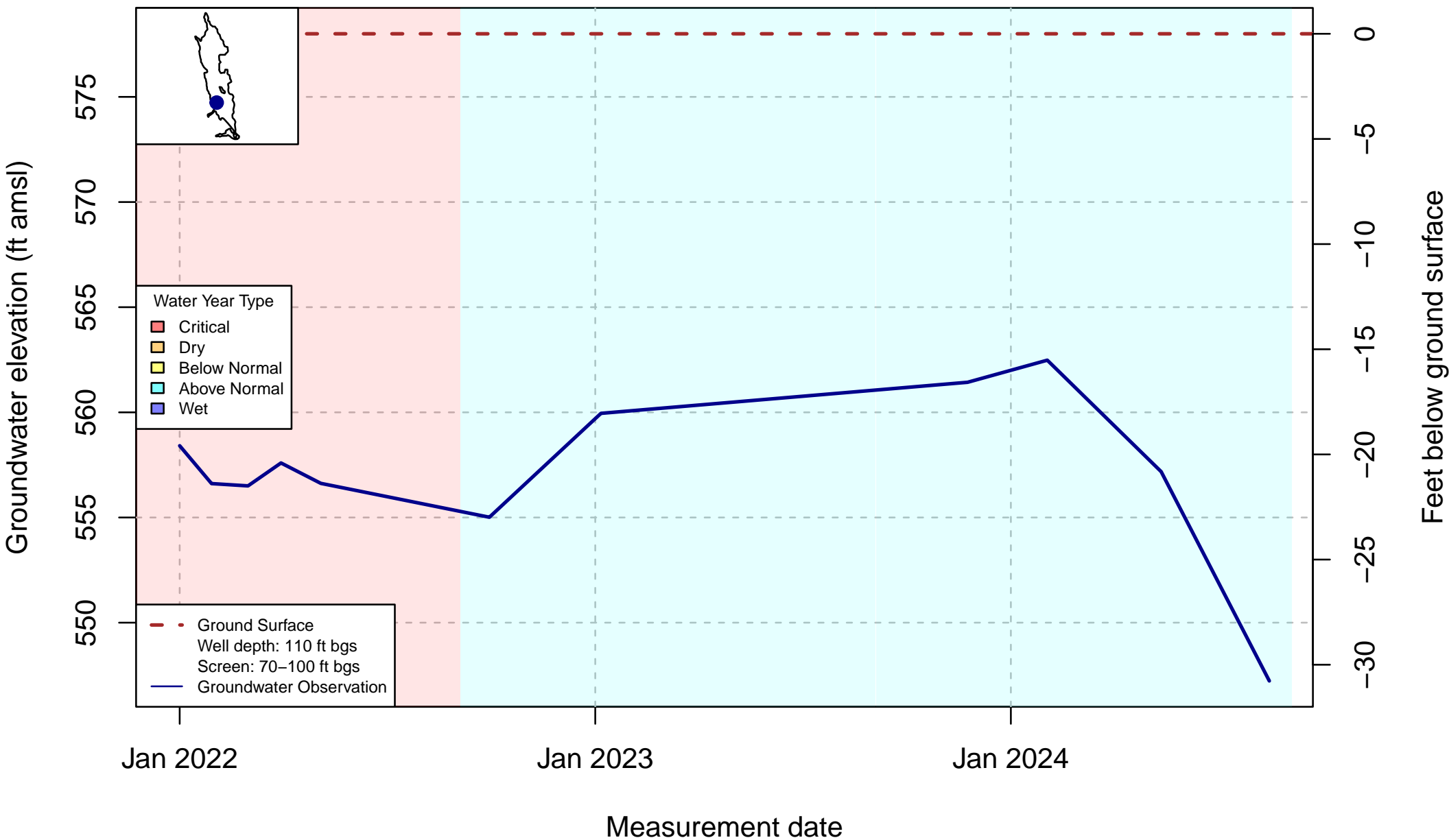
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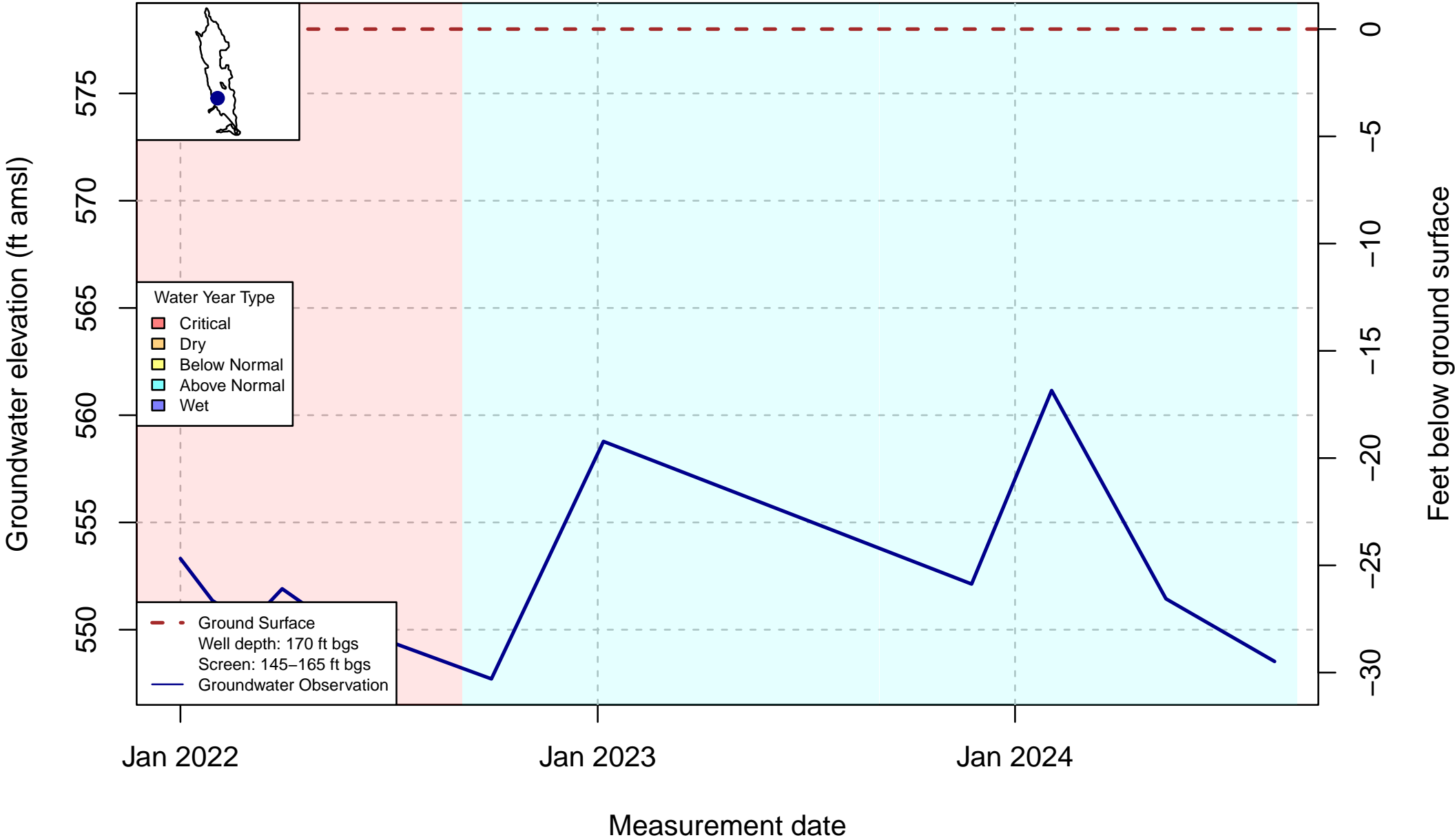
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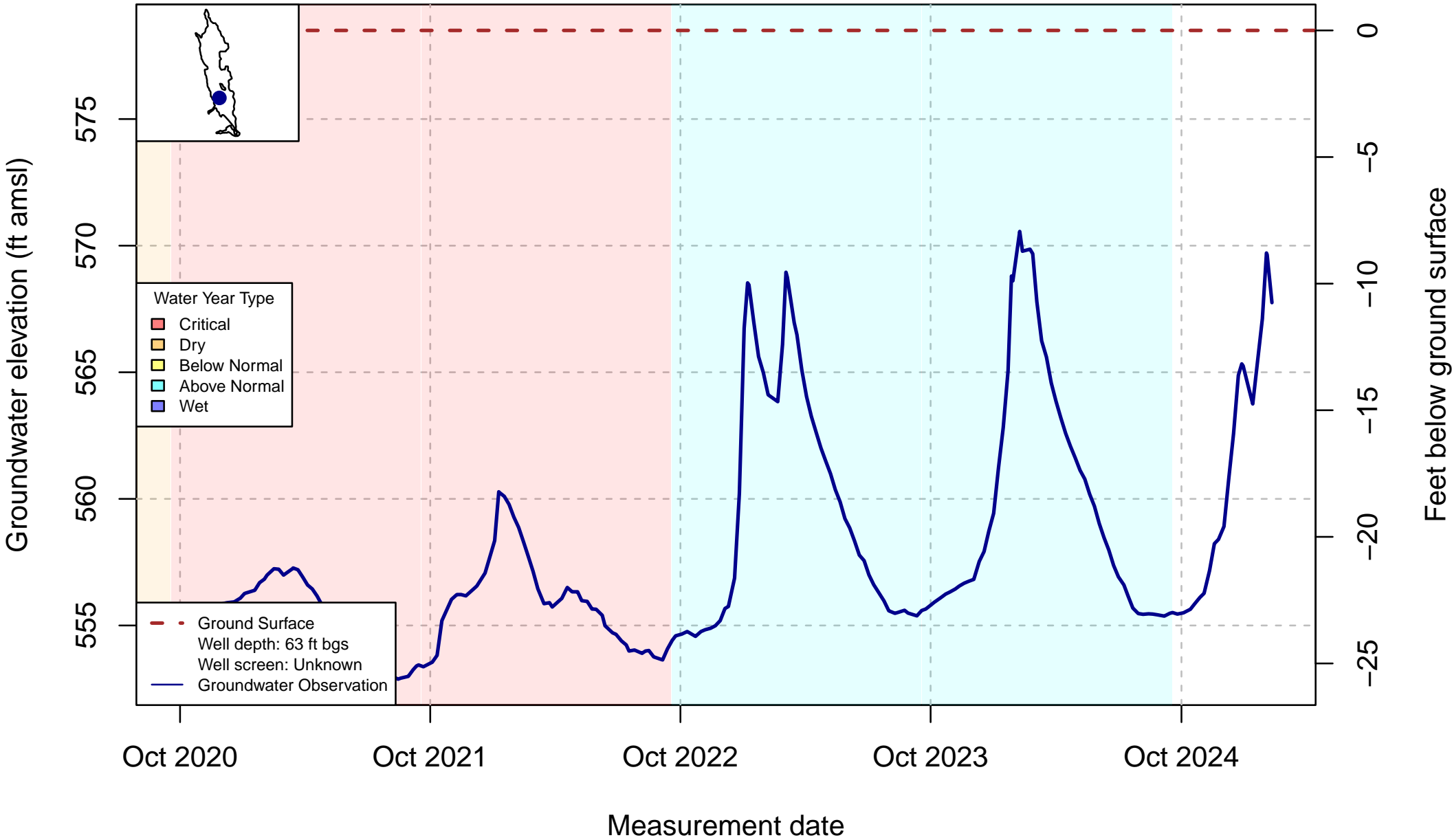
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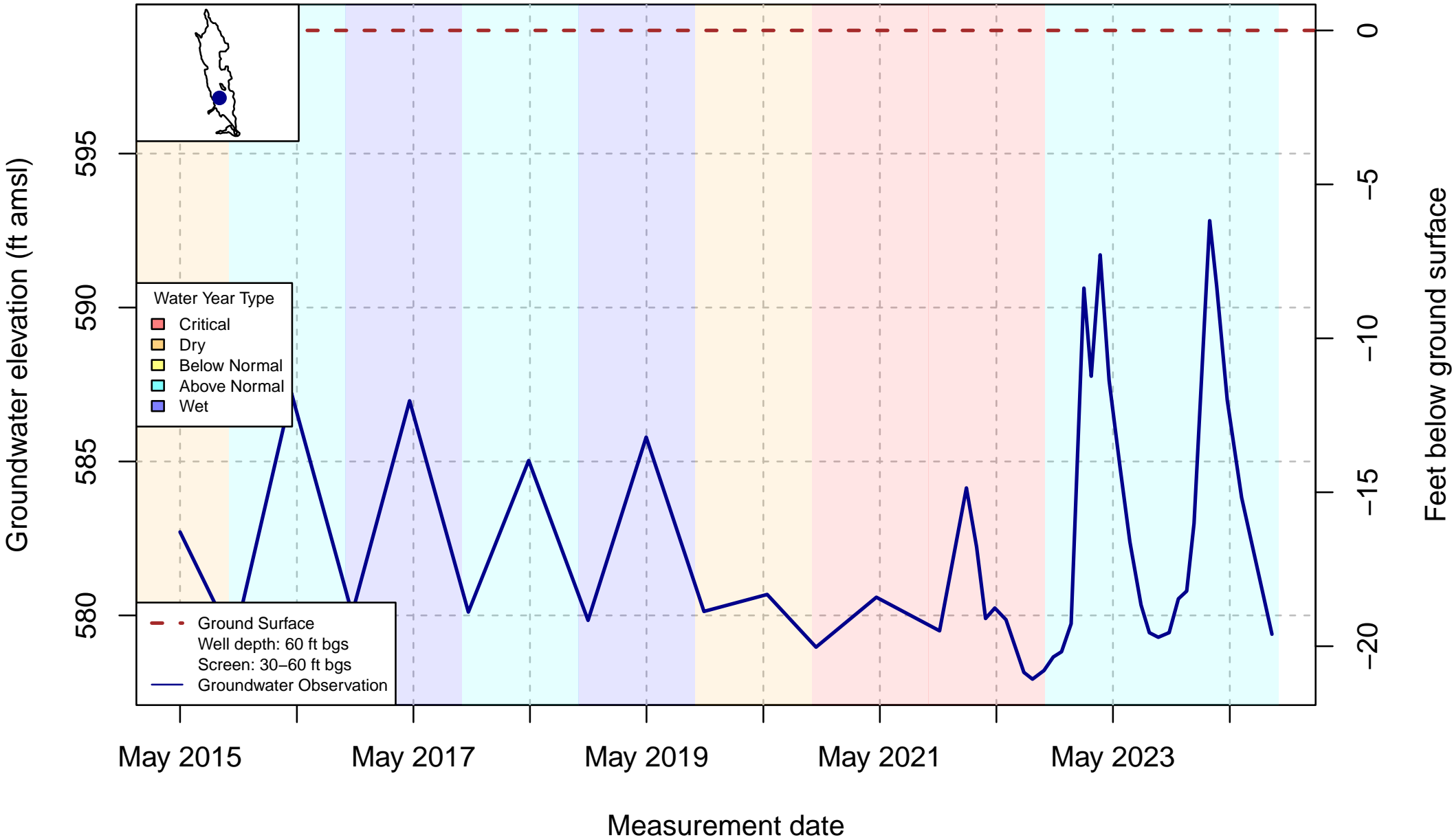
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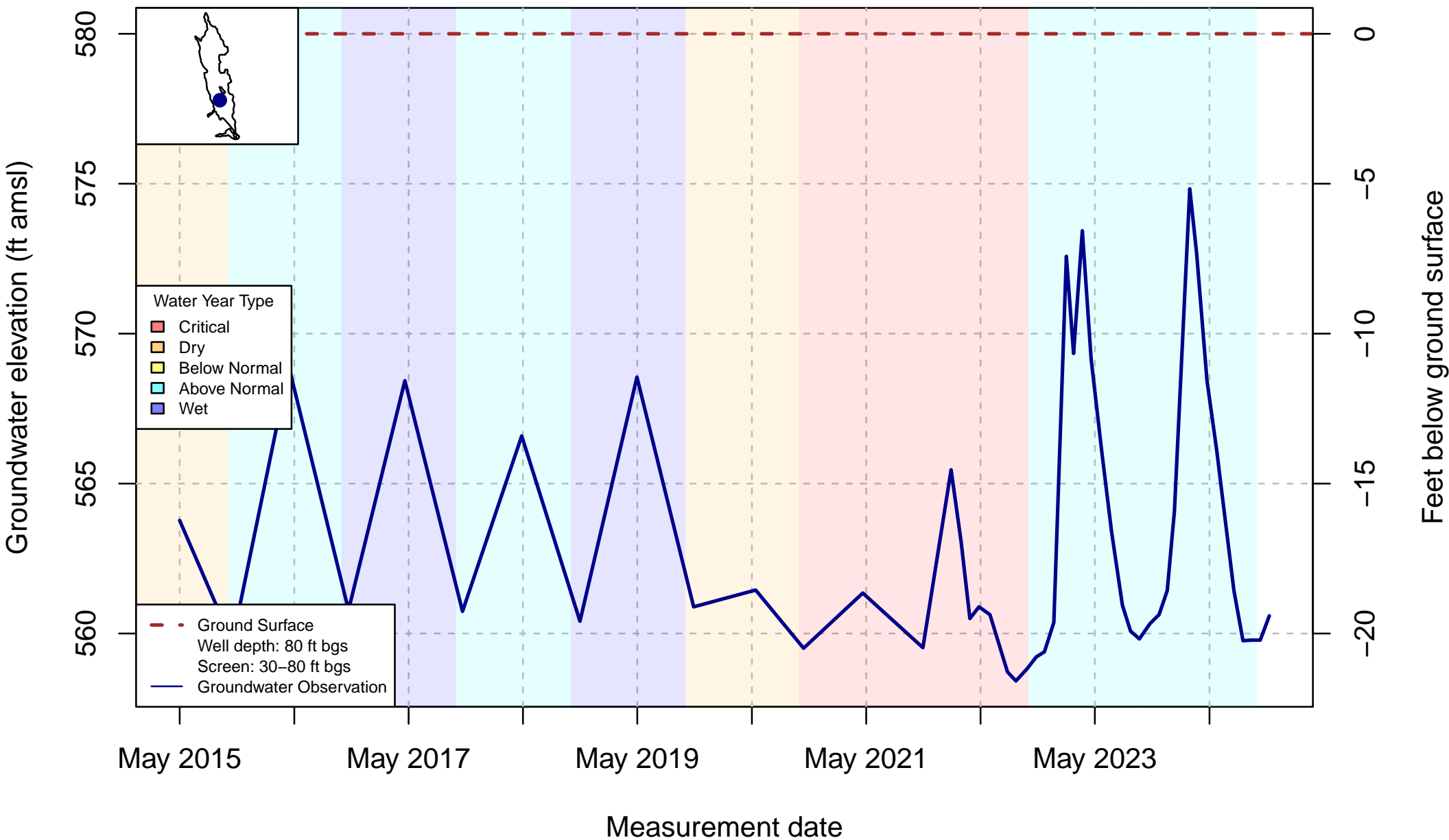
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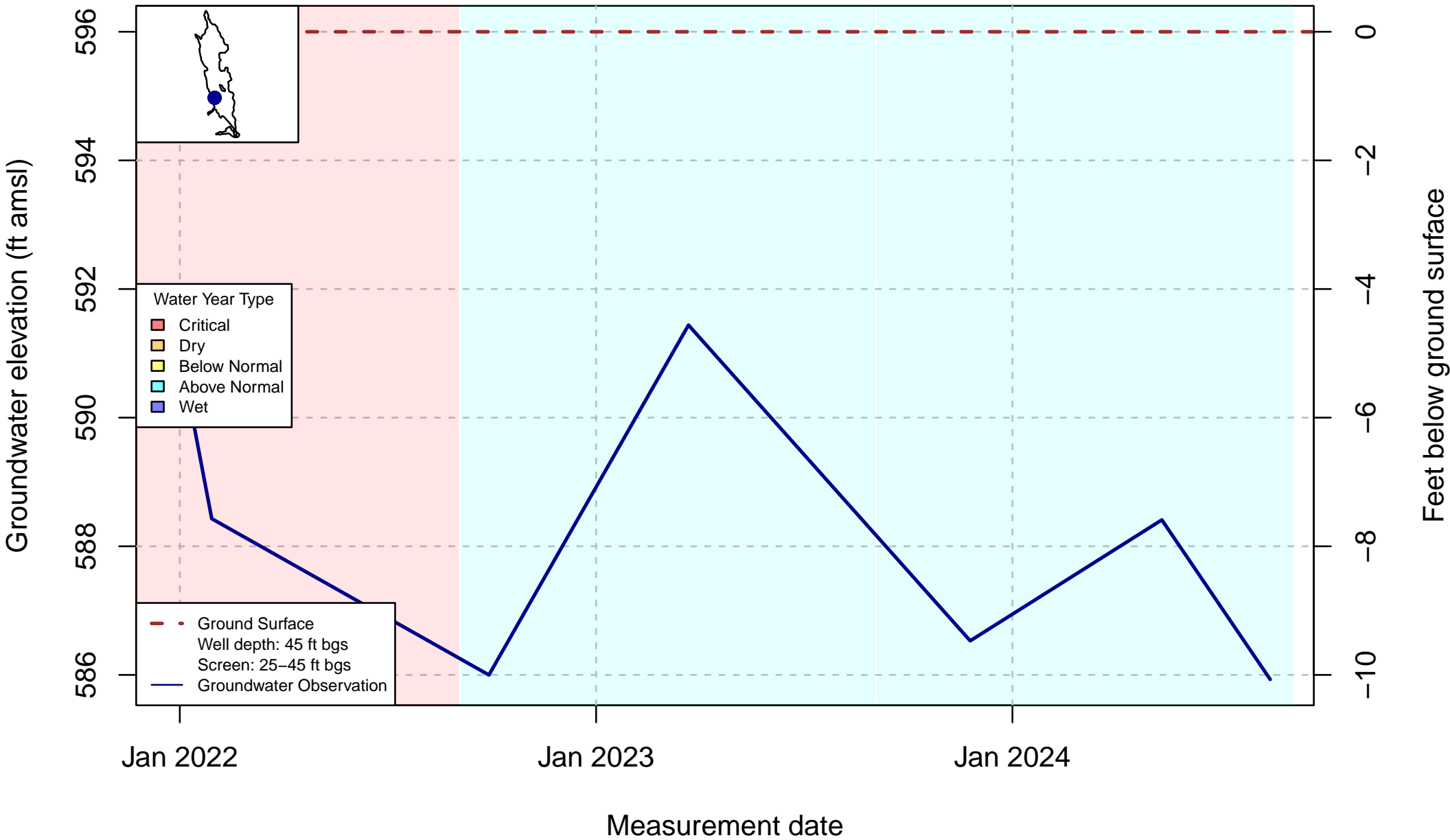
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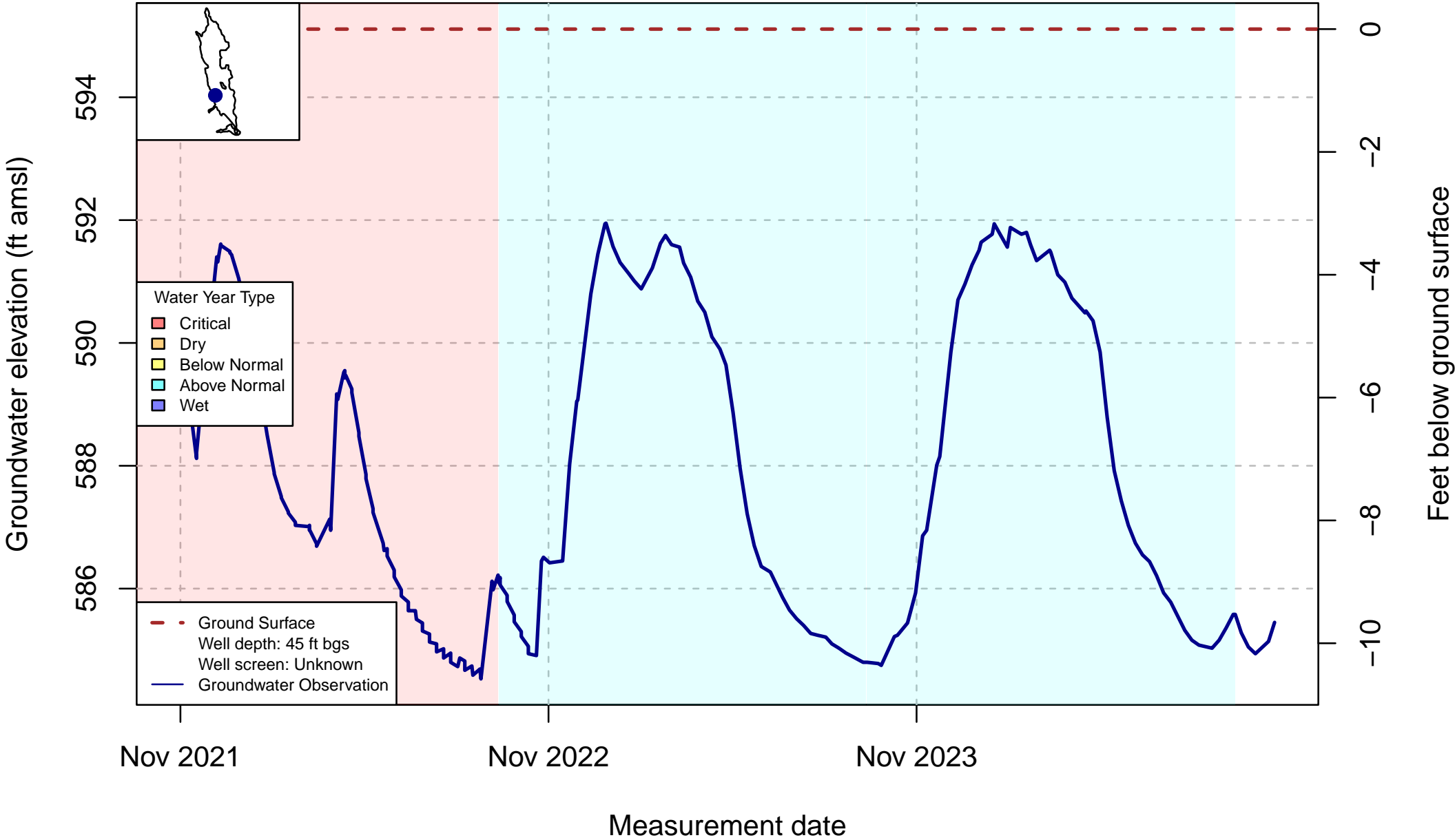
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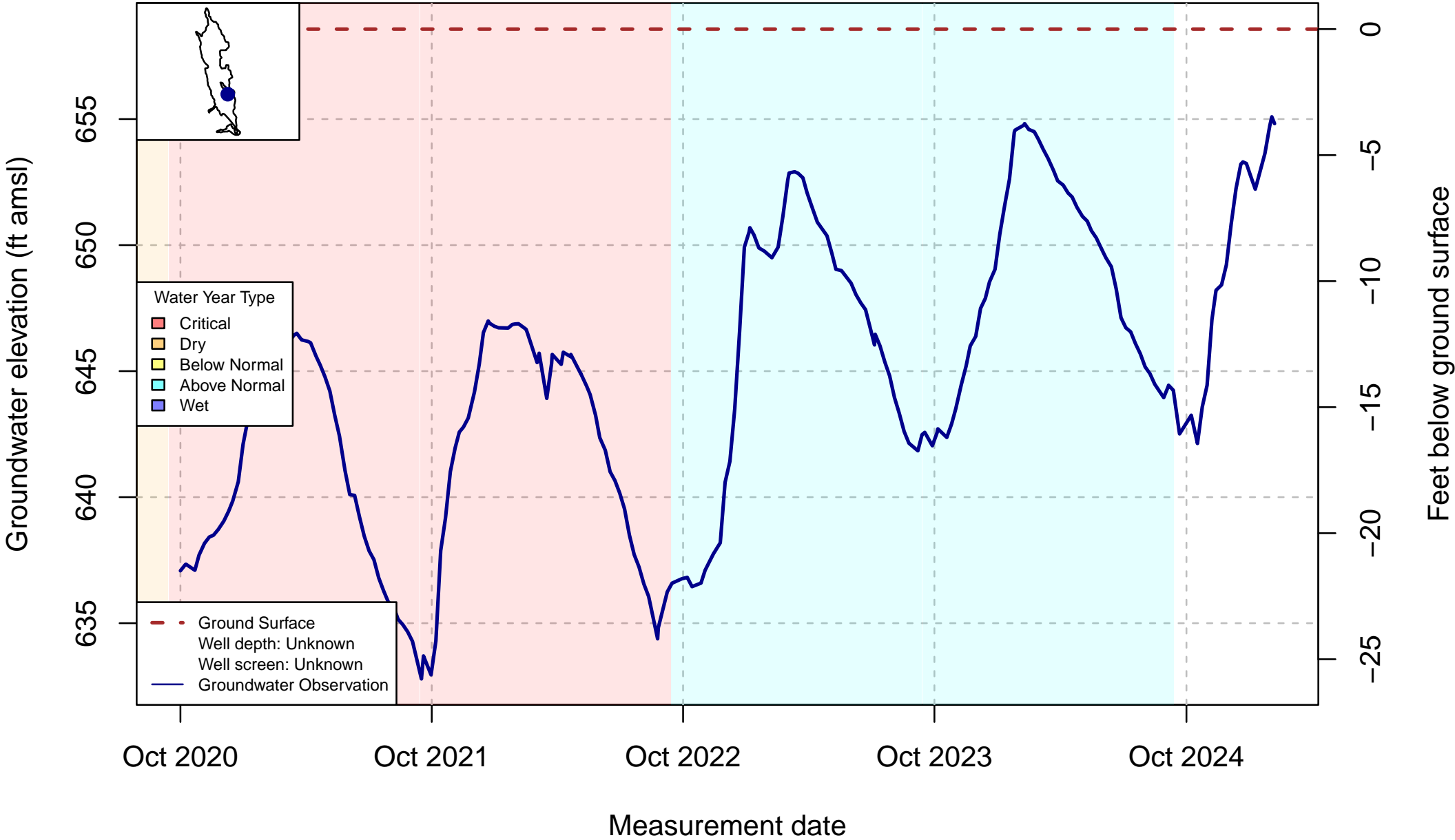
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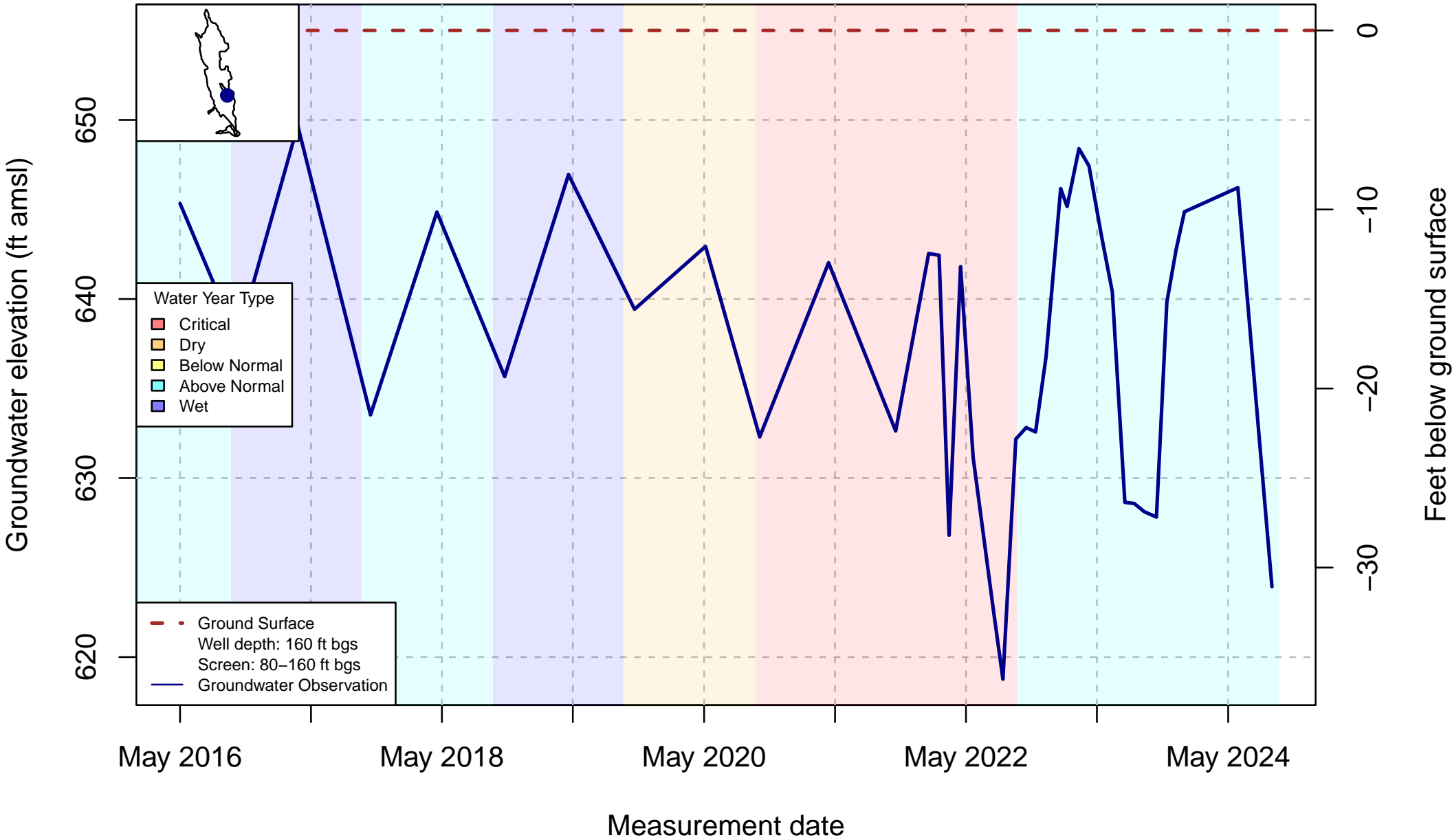
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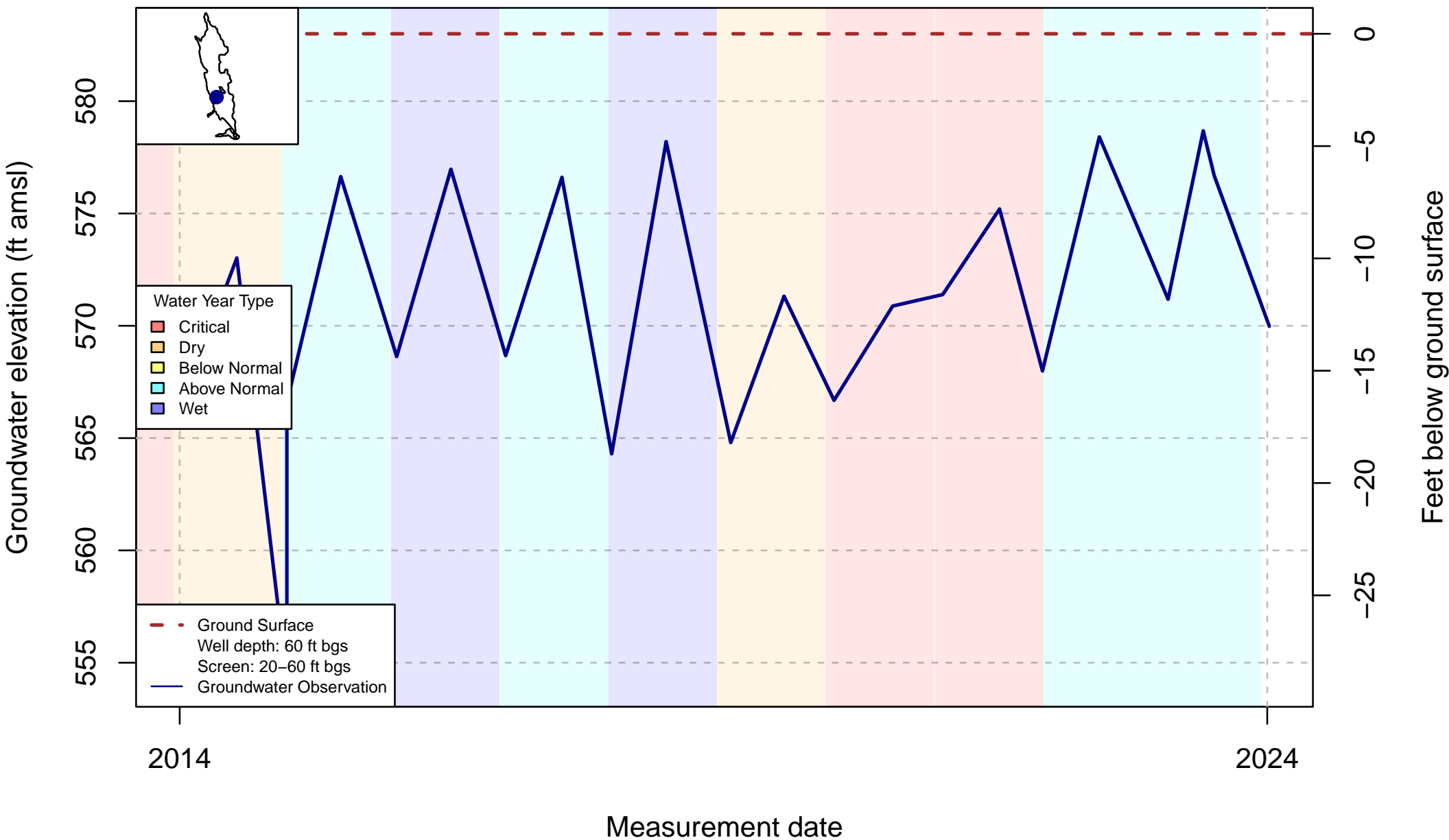
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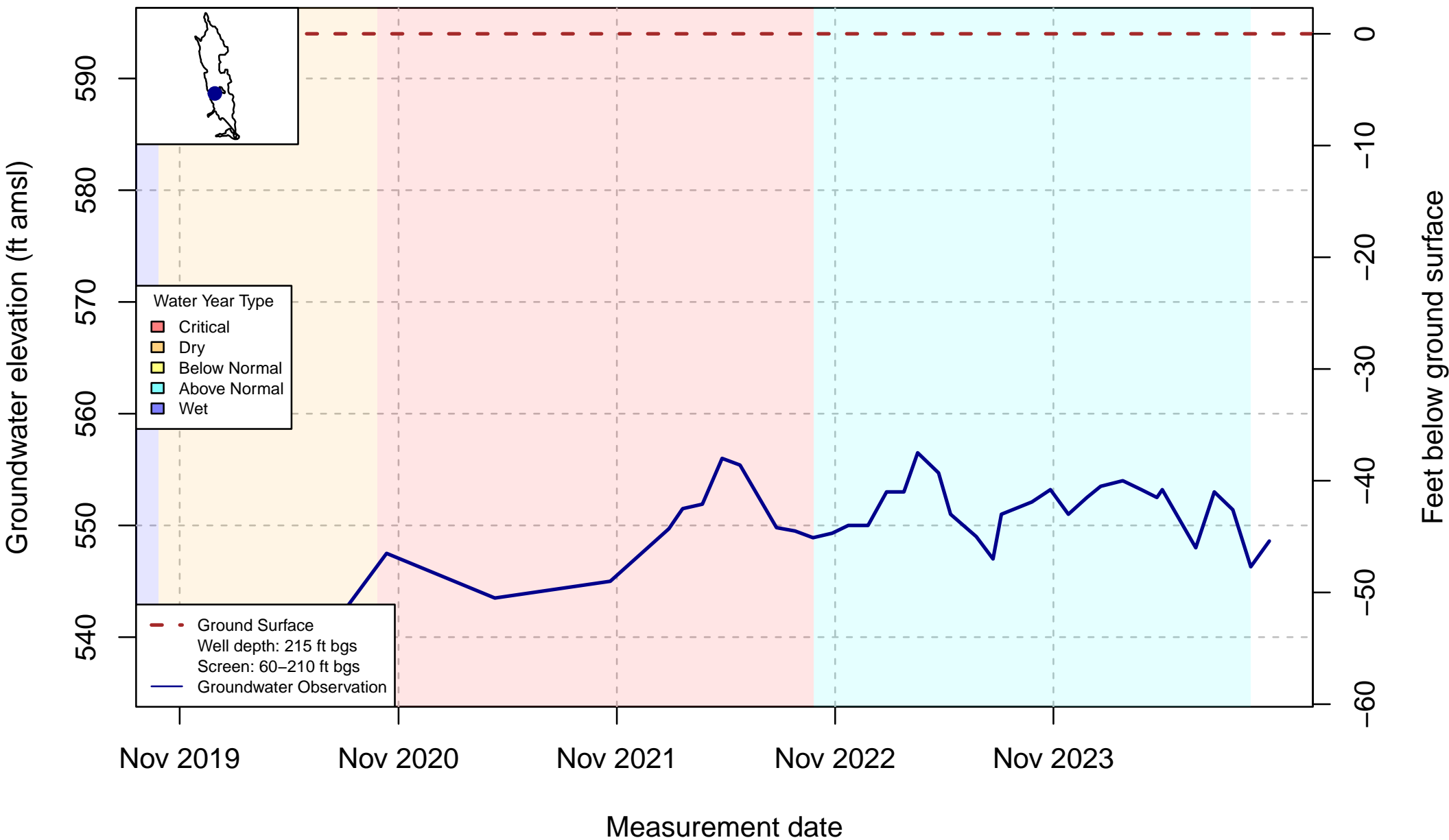
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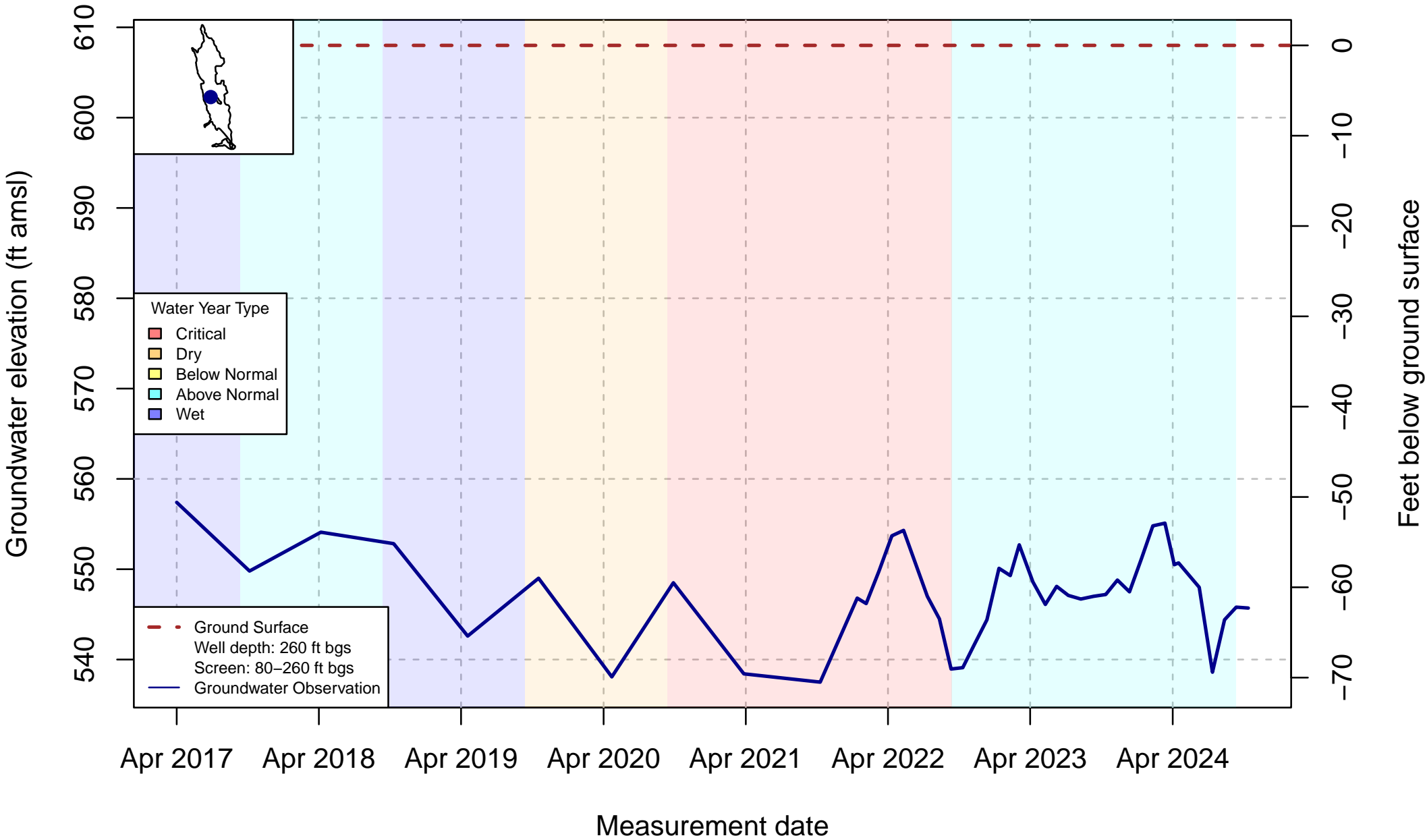
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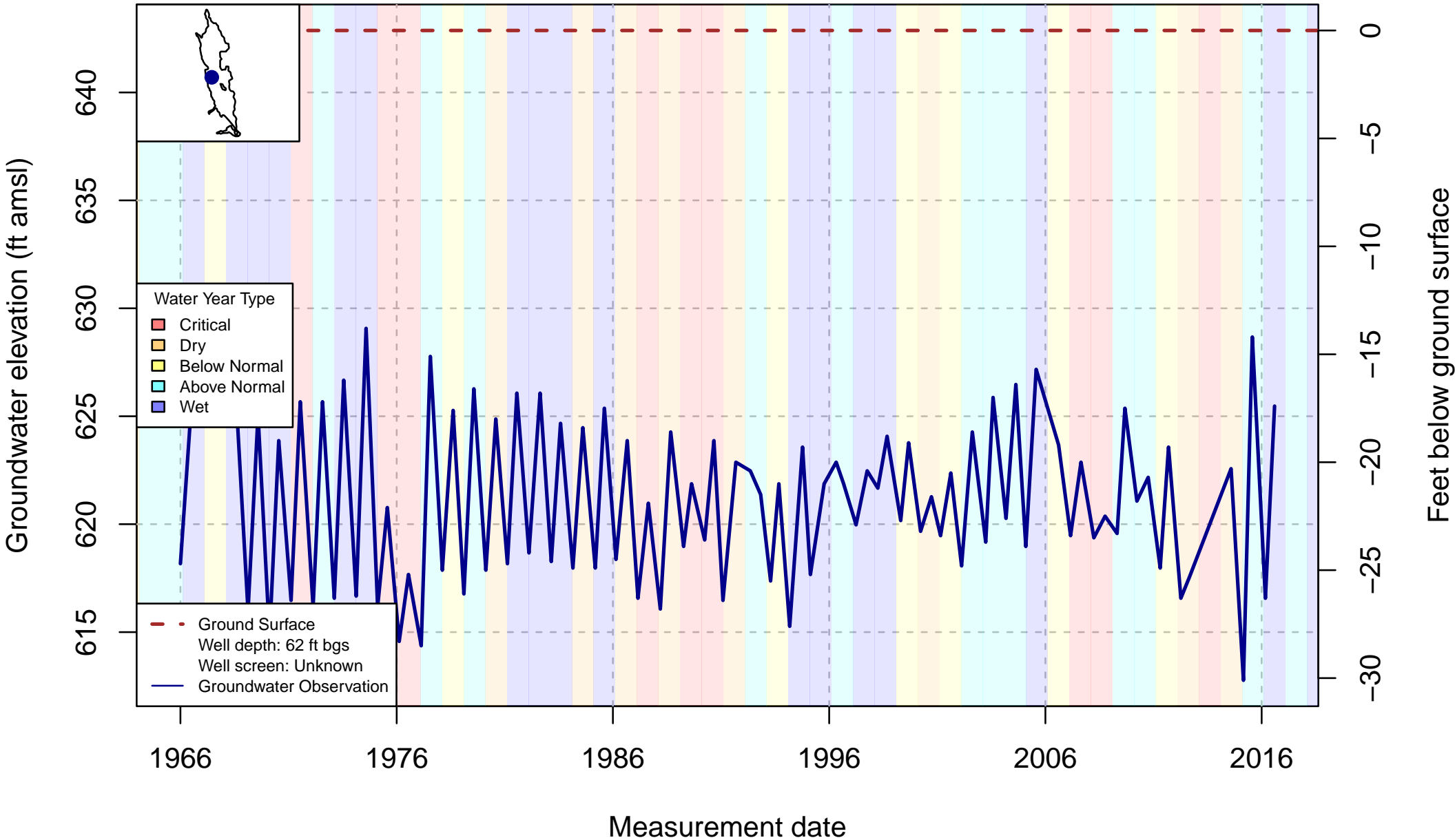
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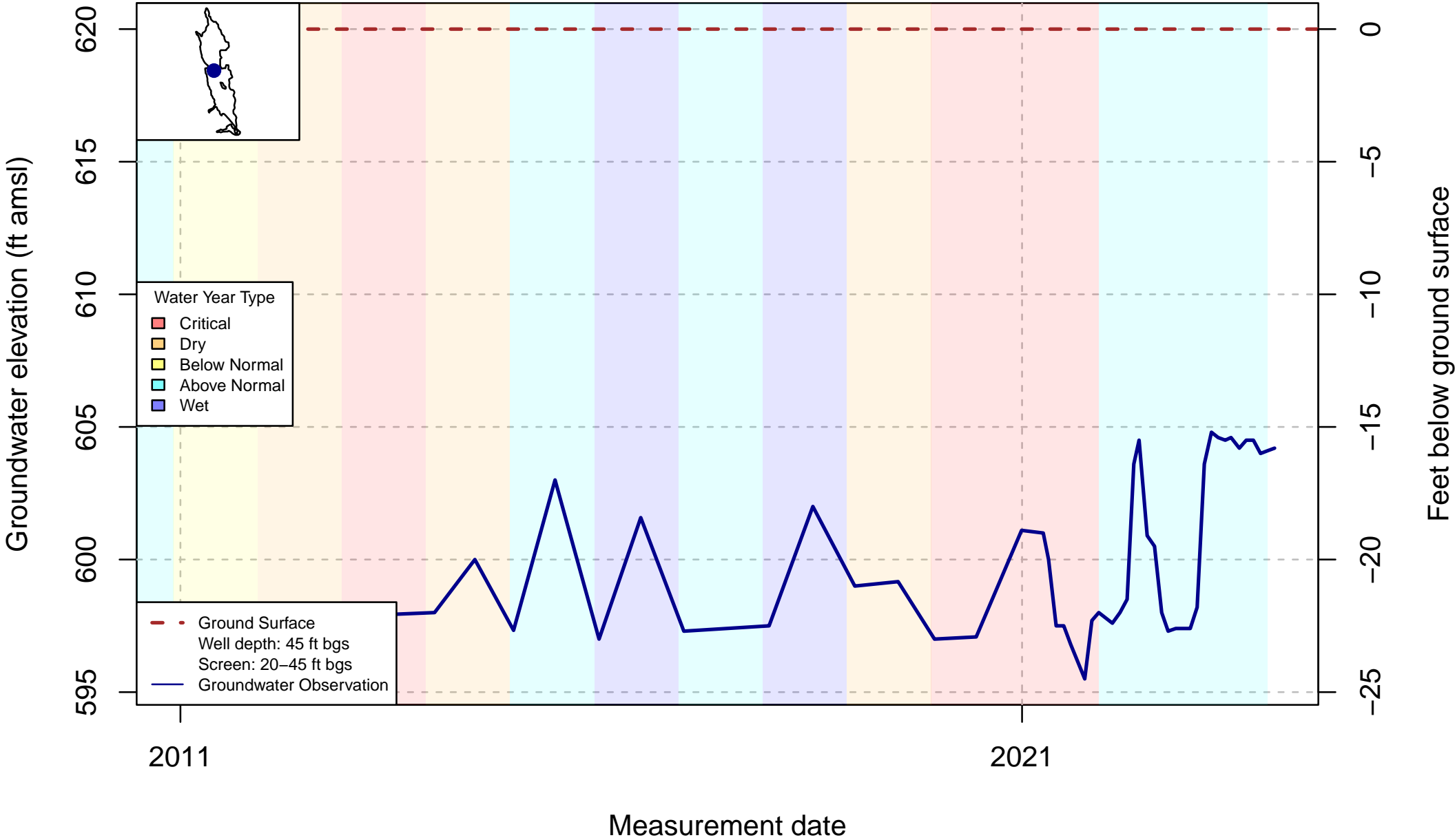
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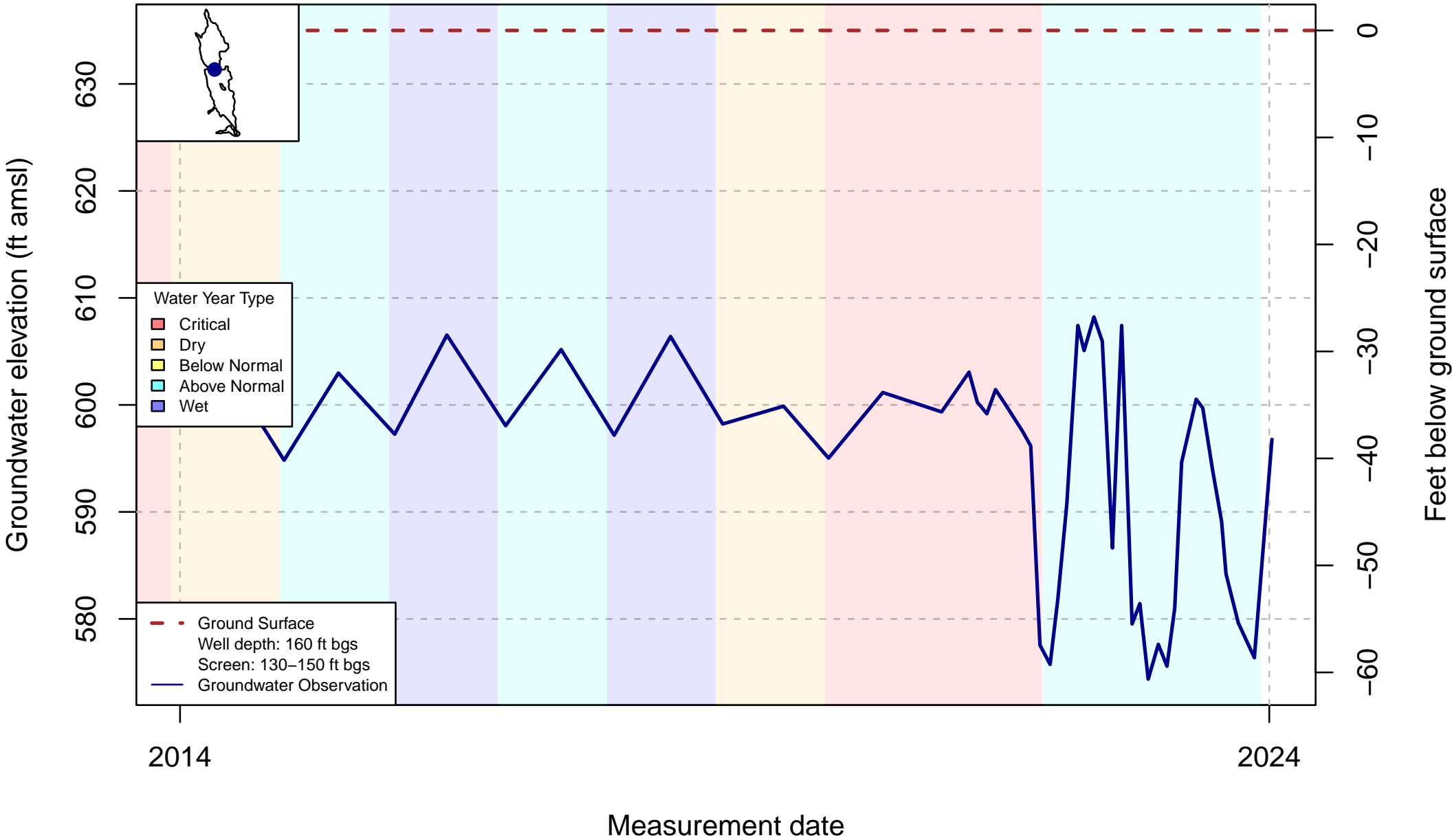
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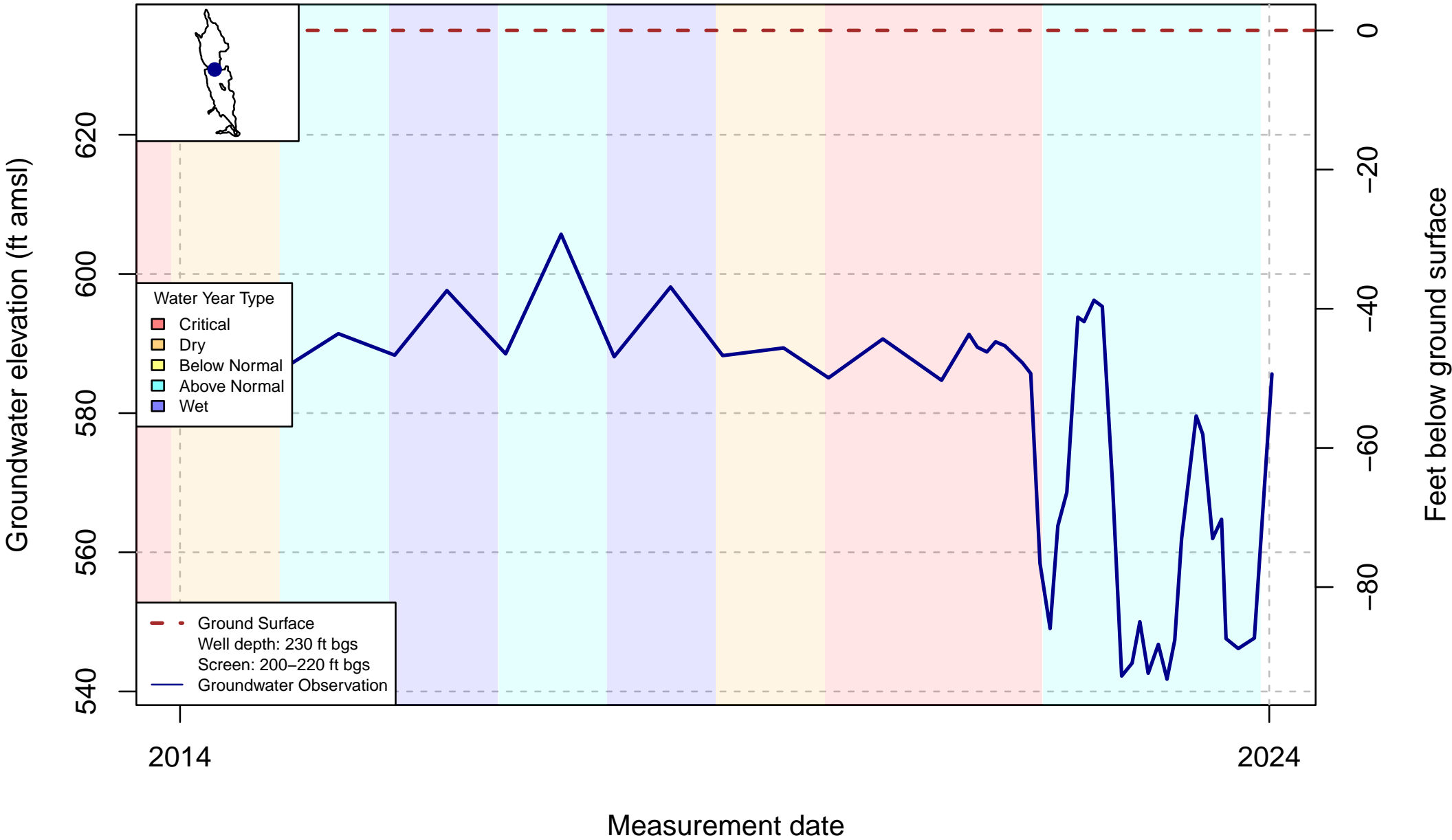
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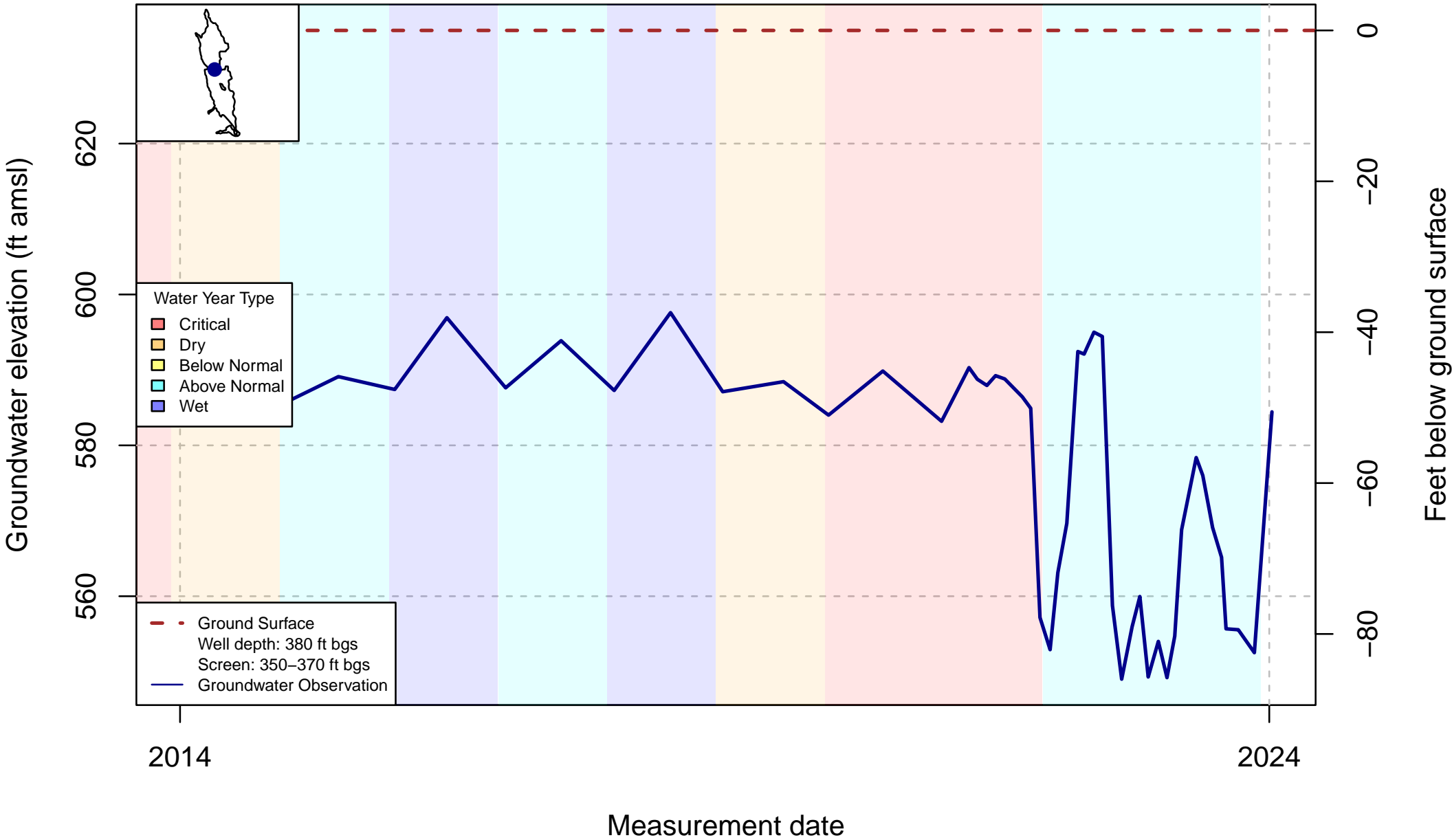
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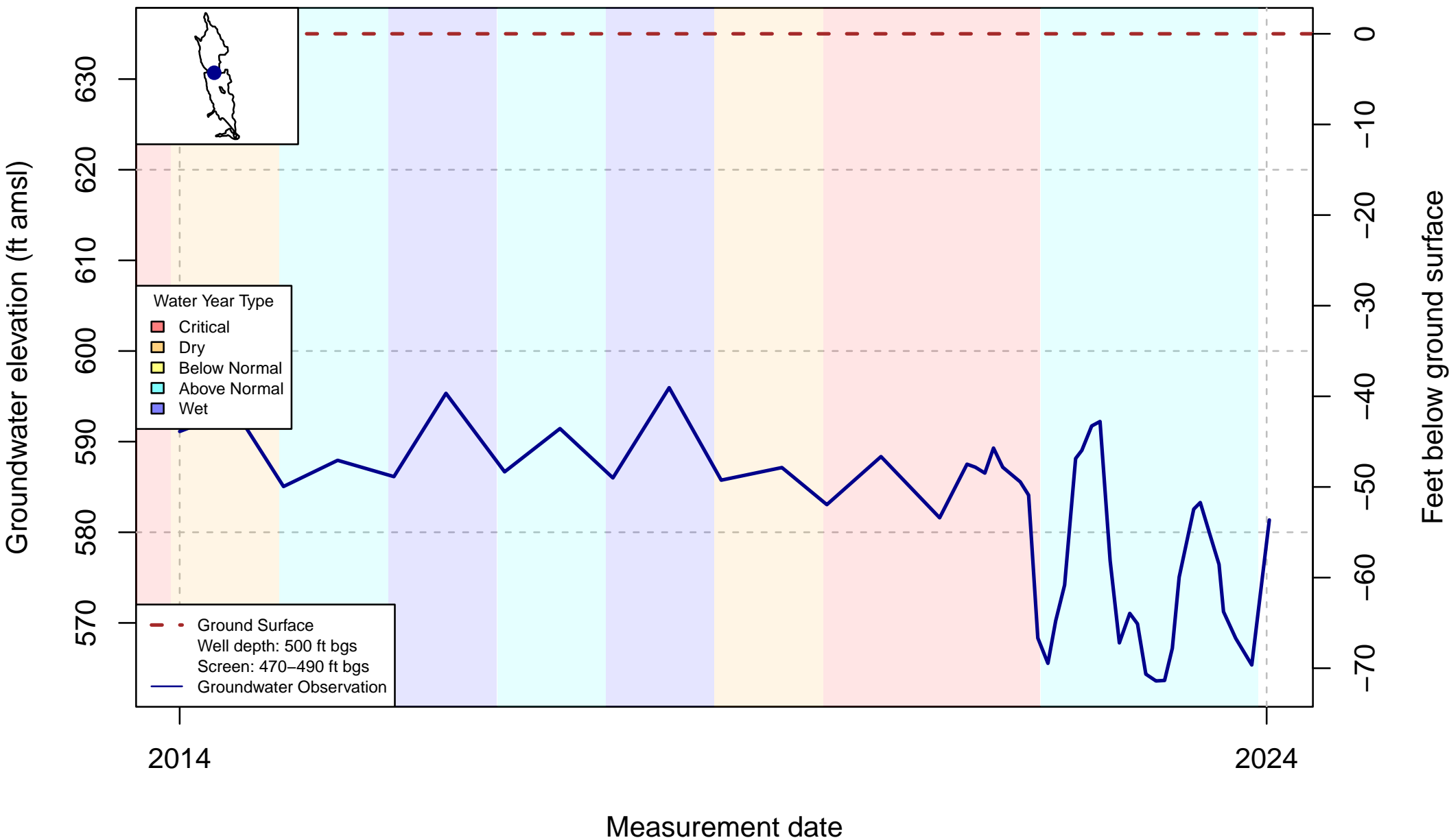
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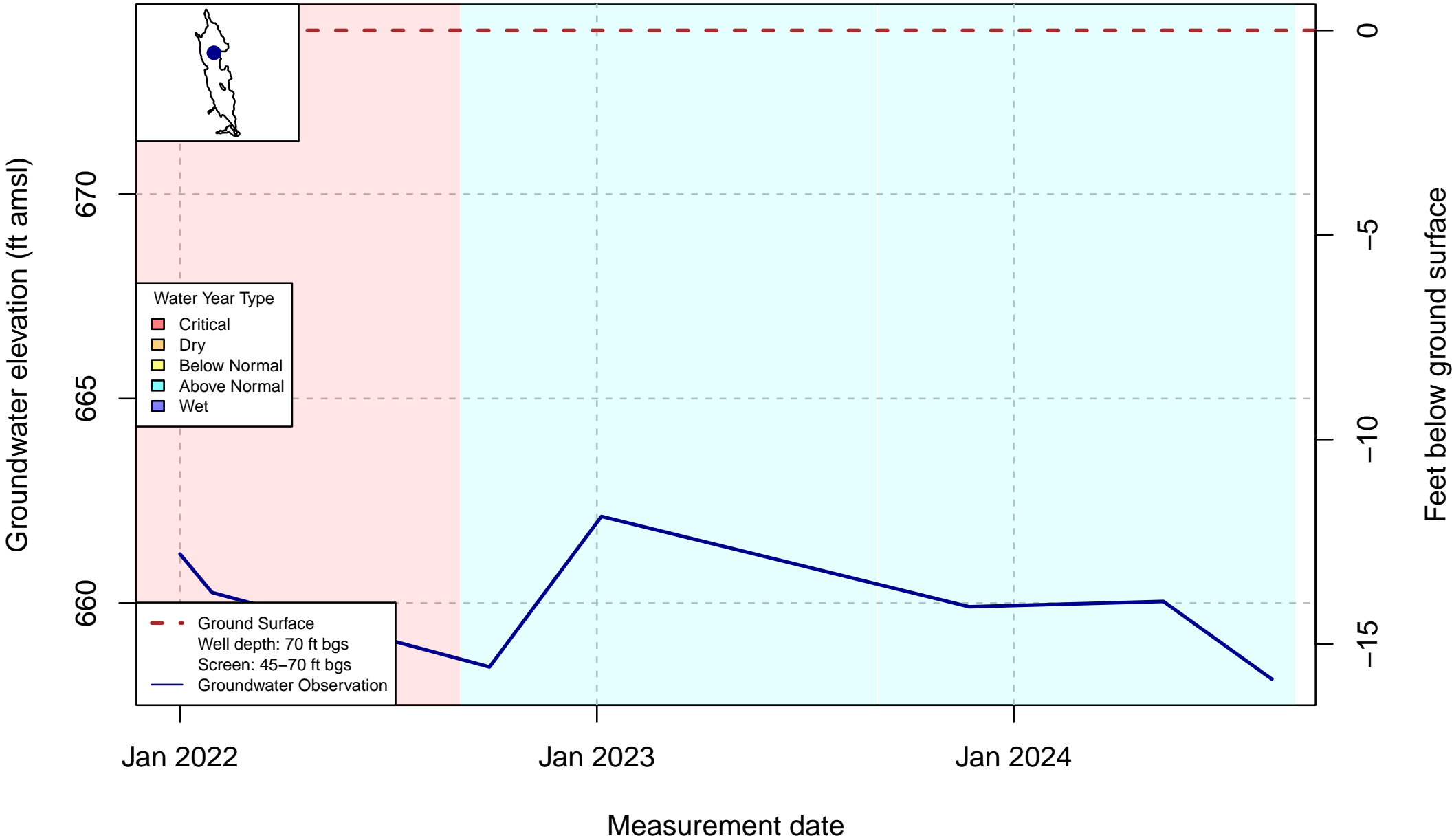
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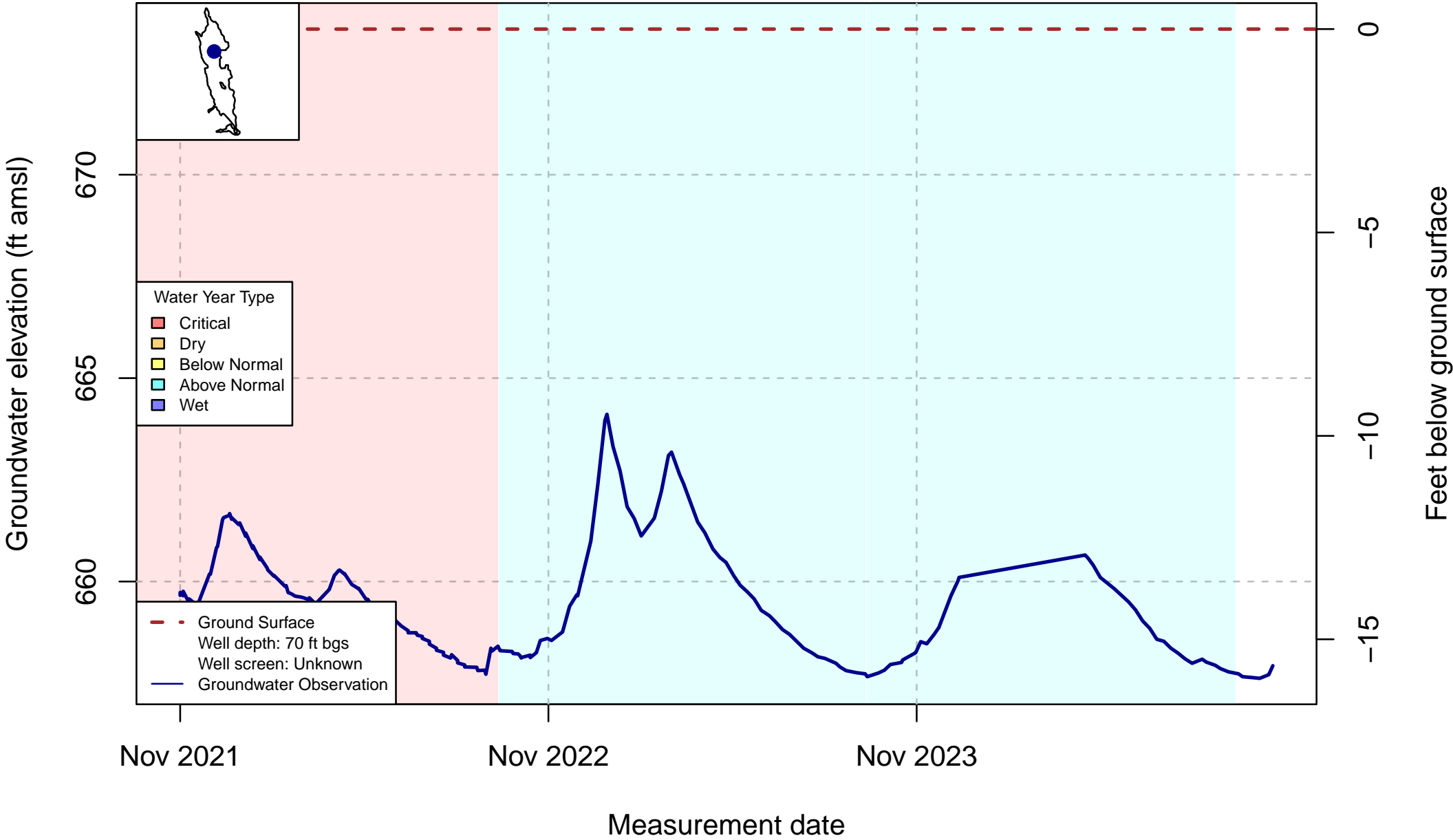
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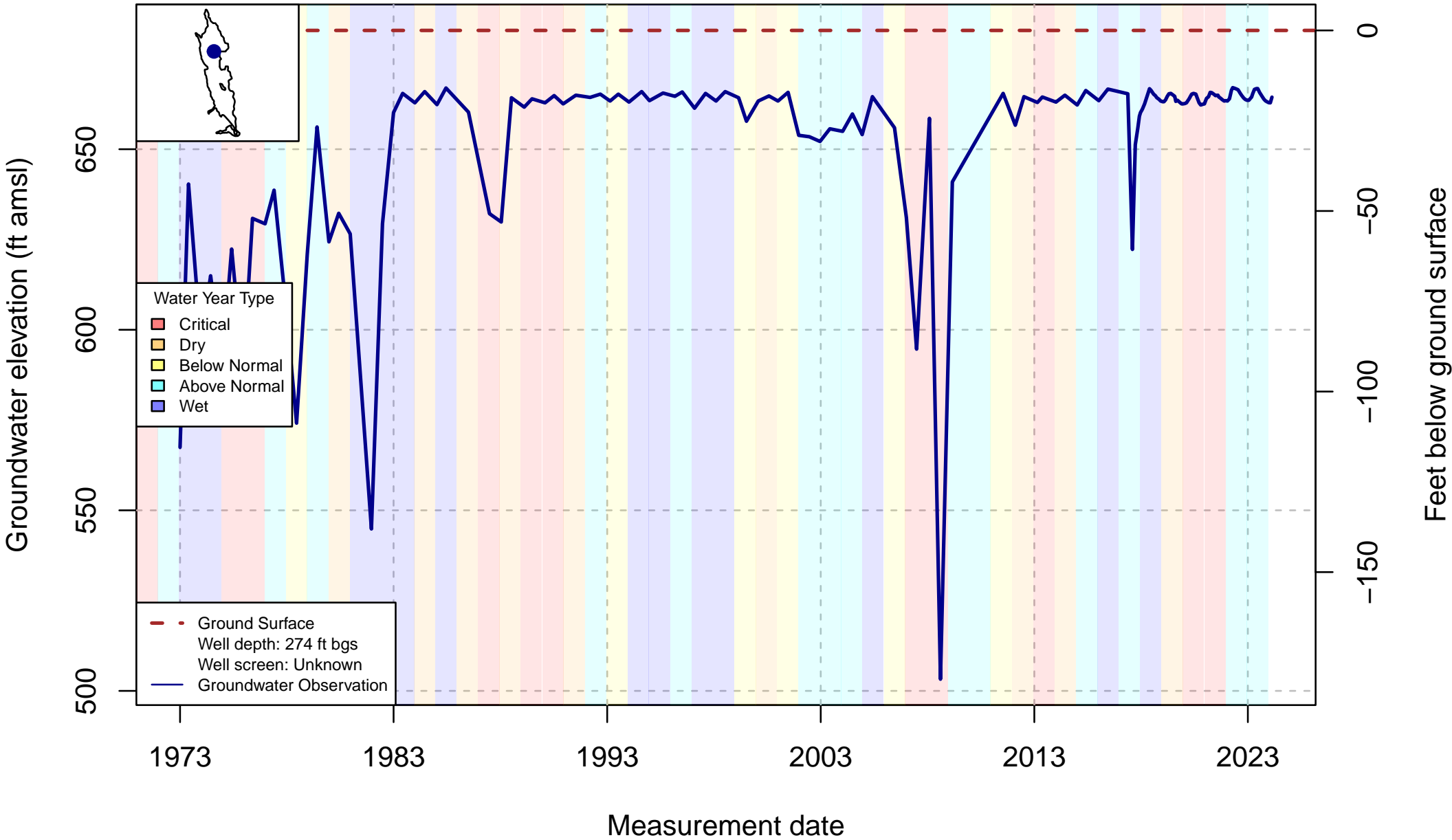
Well Code: 392324N1232025W001; SWN: 16N12W21D500M



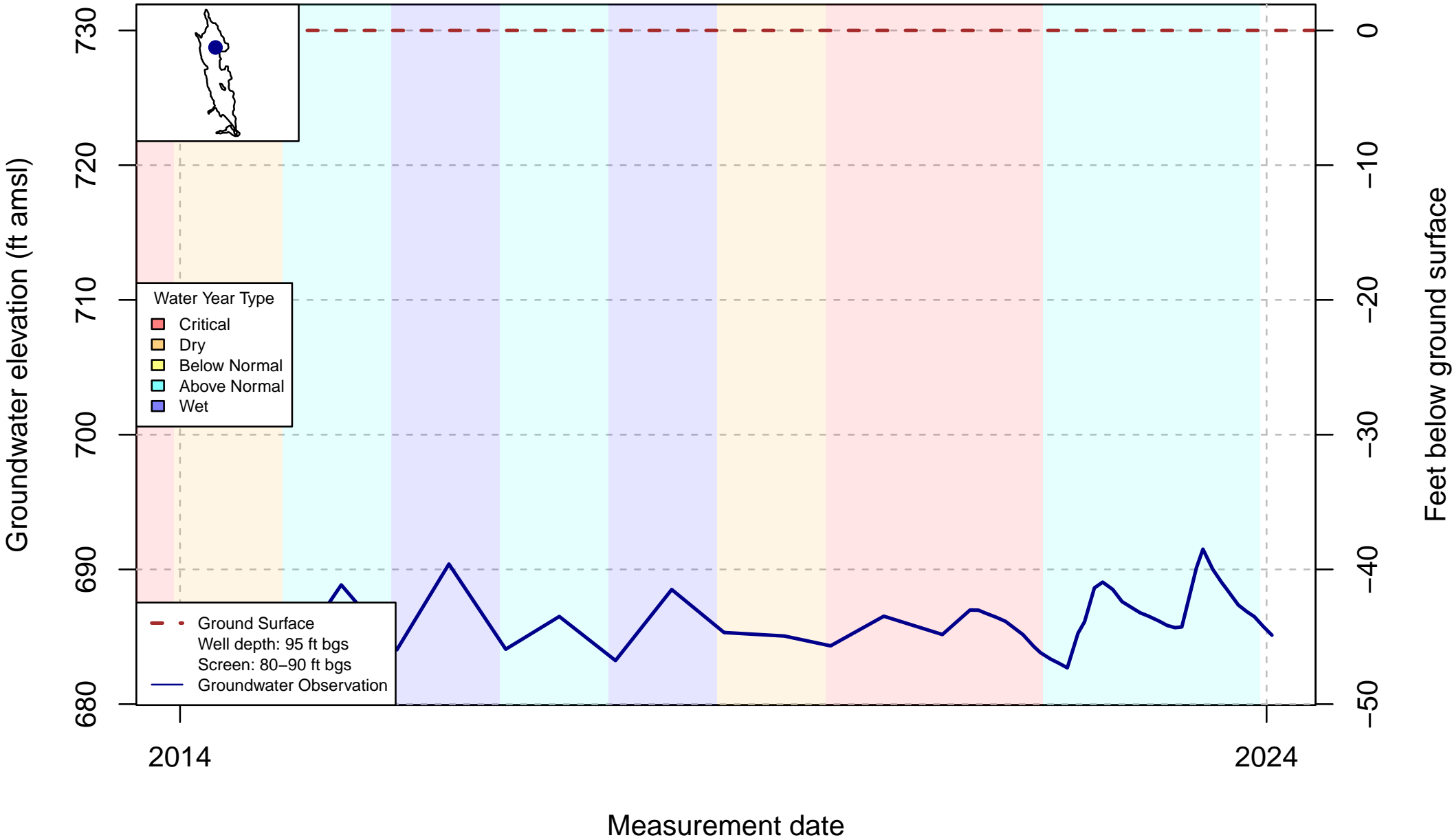
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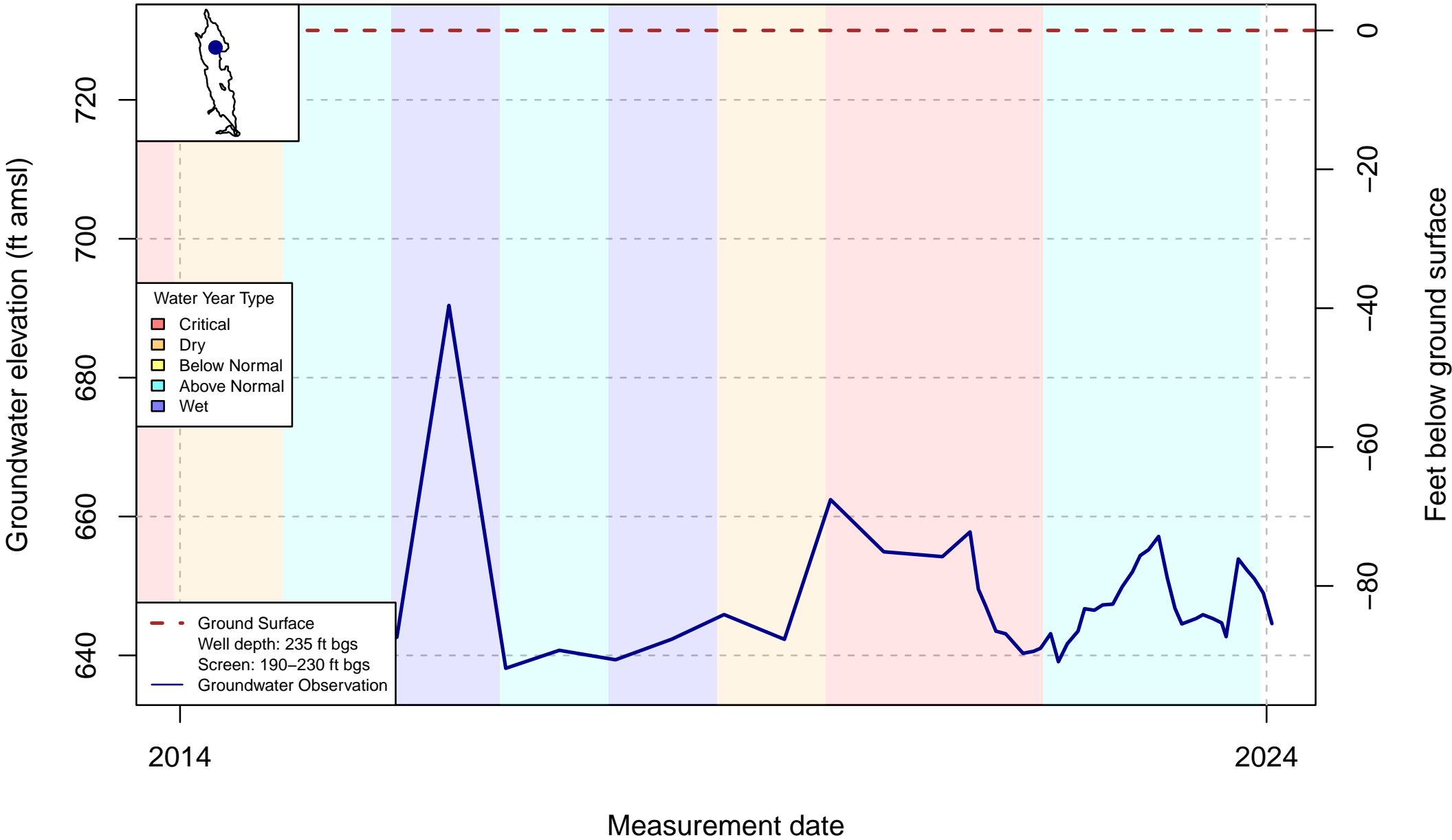
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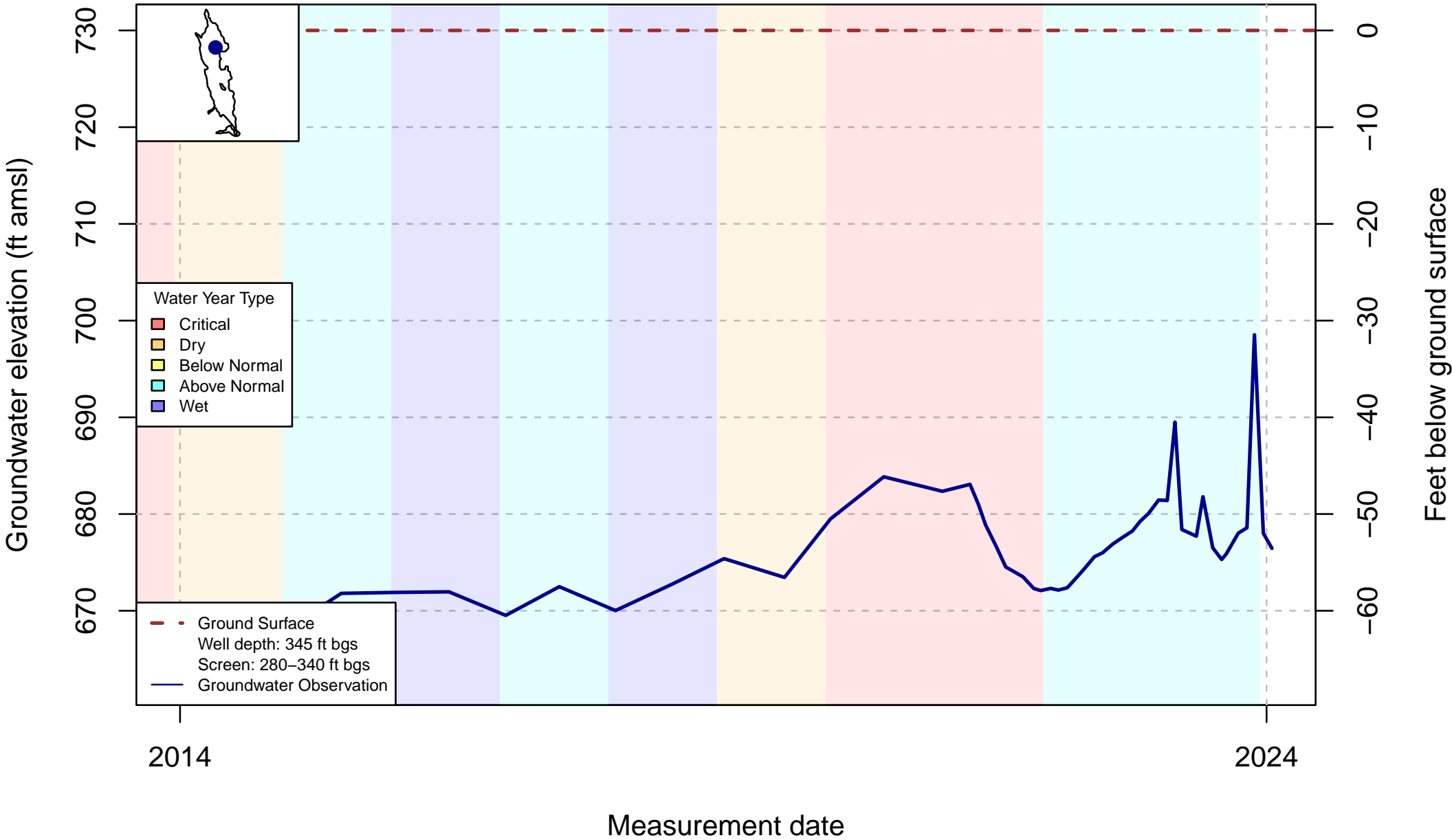
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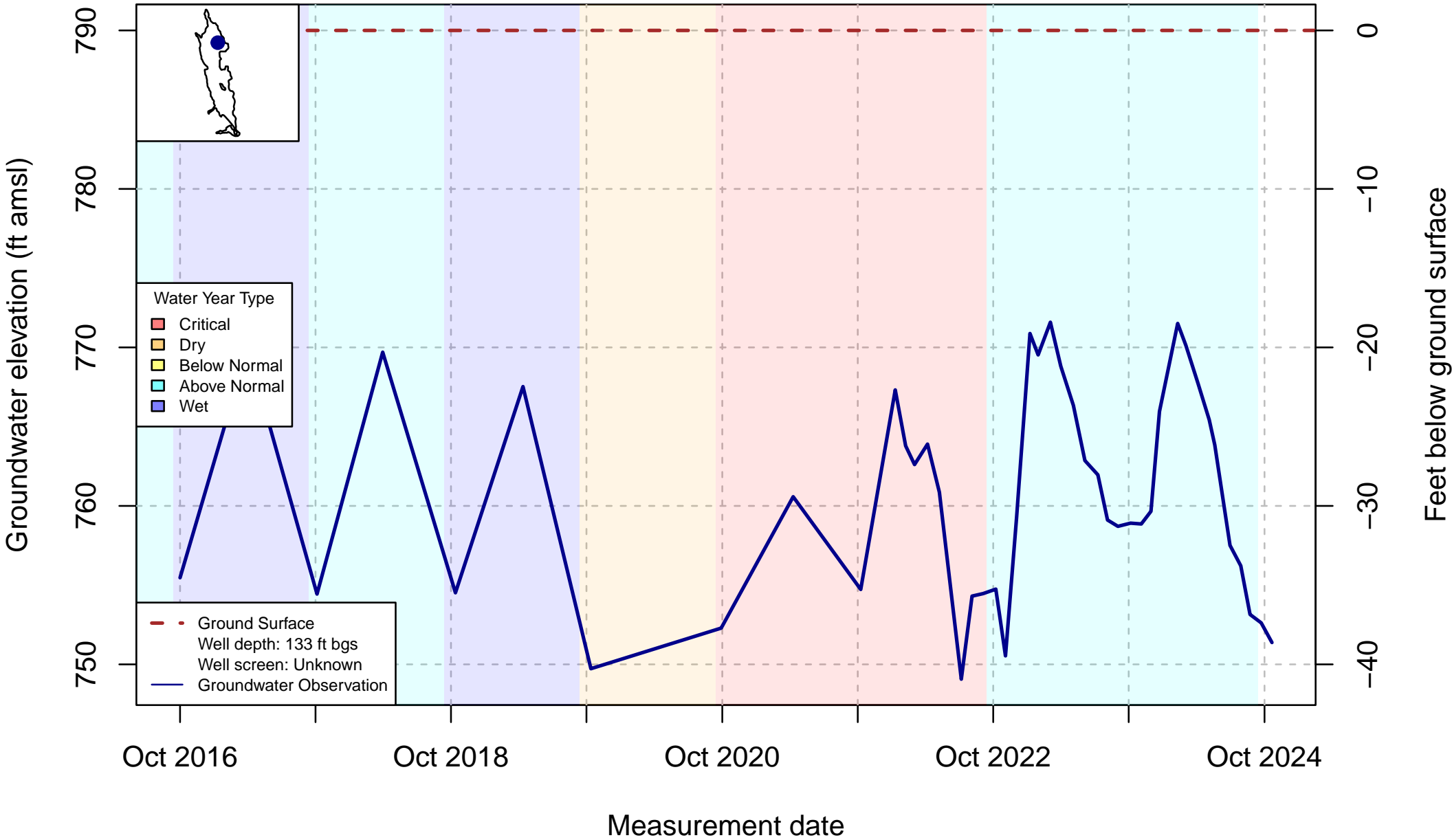
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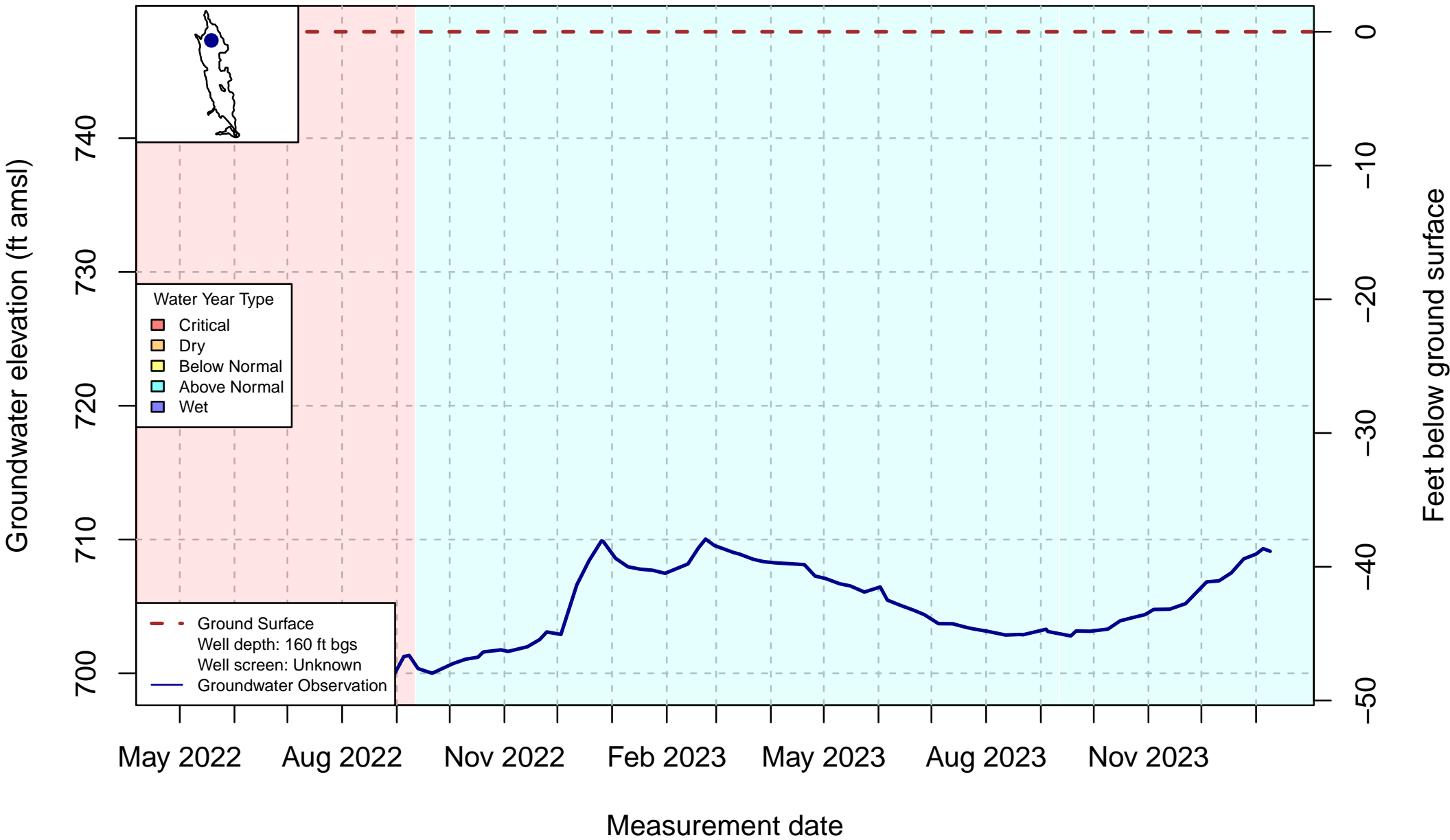
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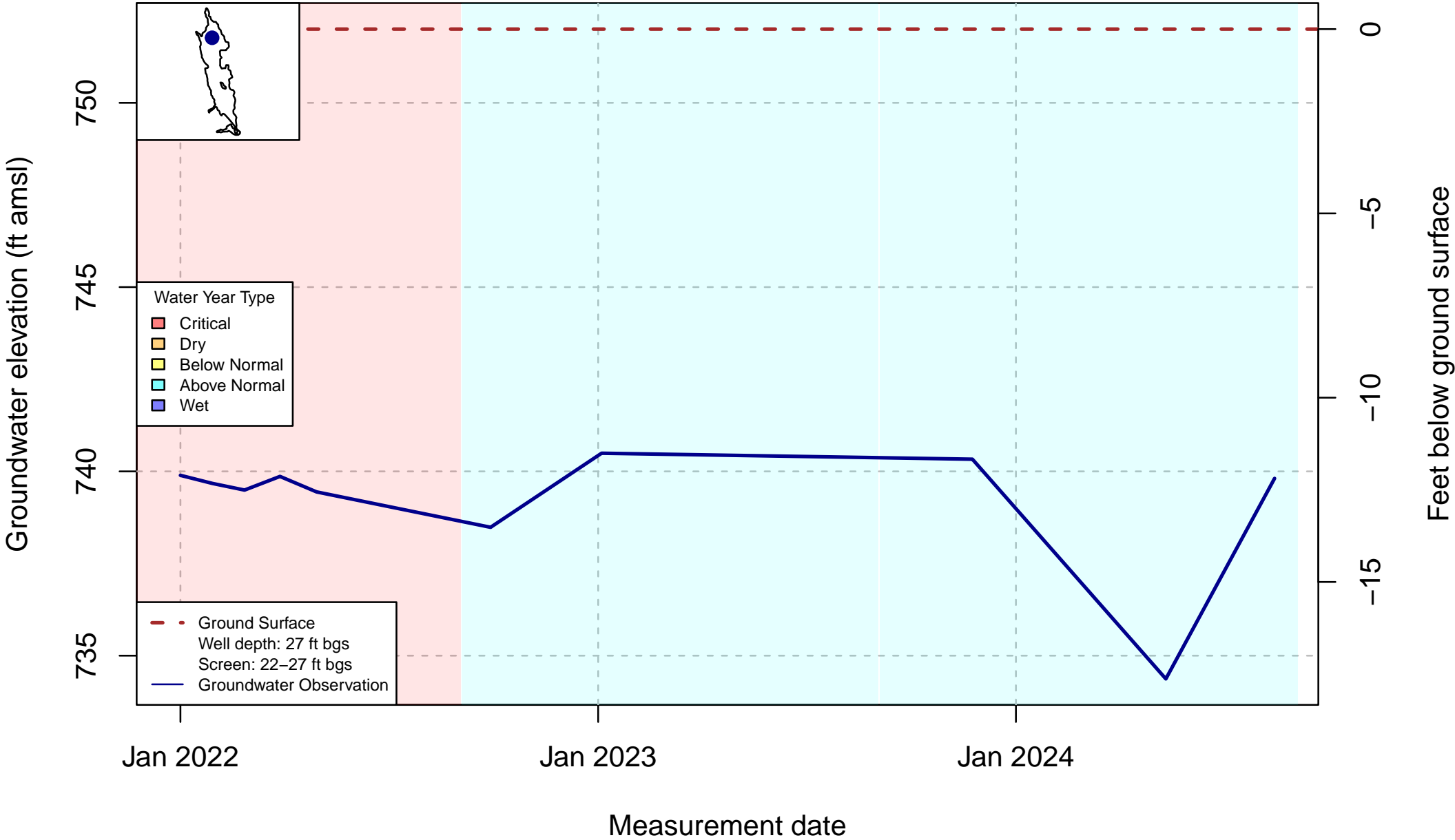
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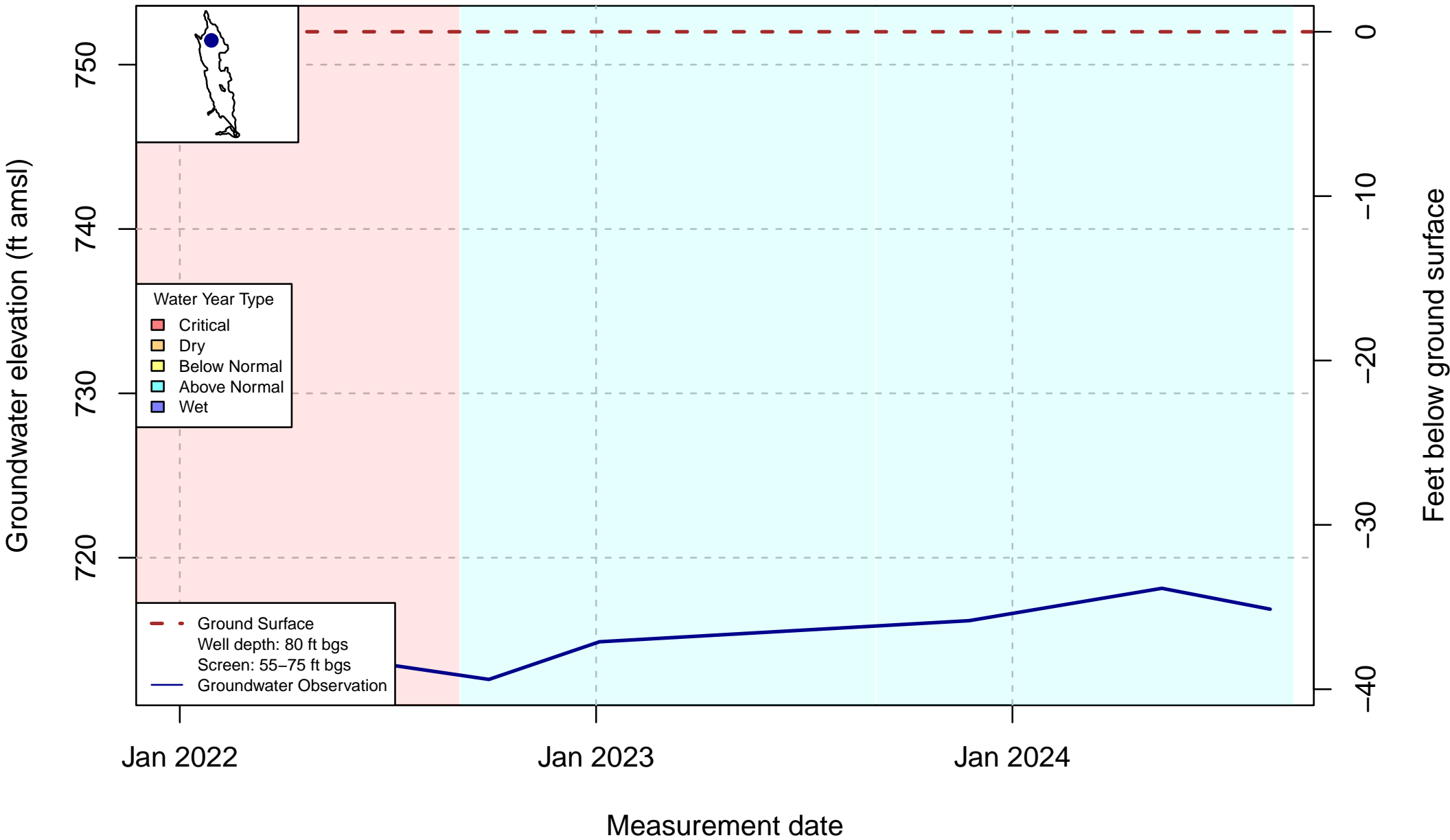
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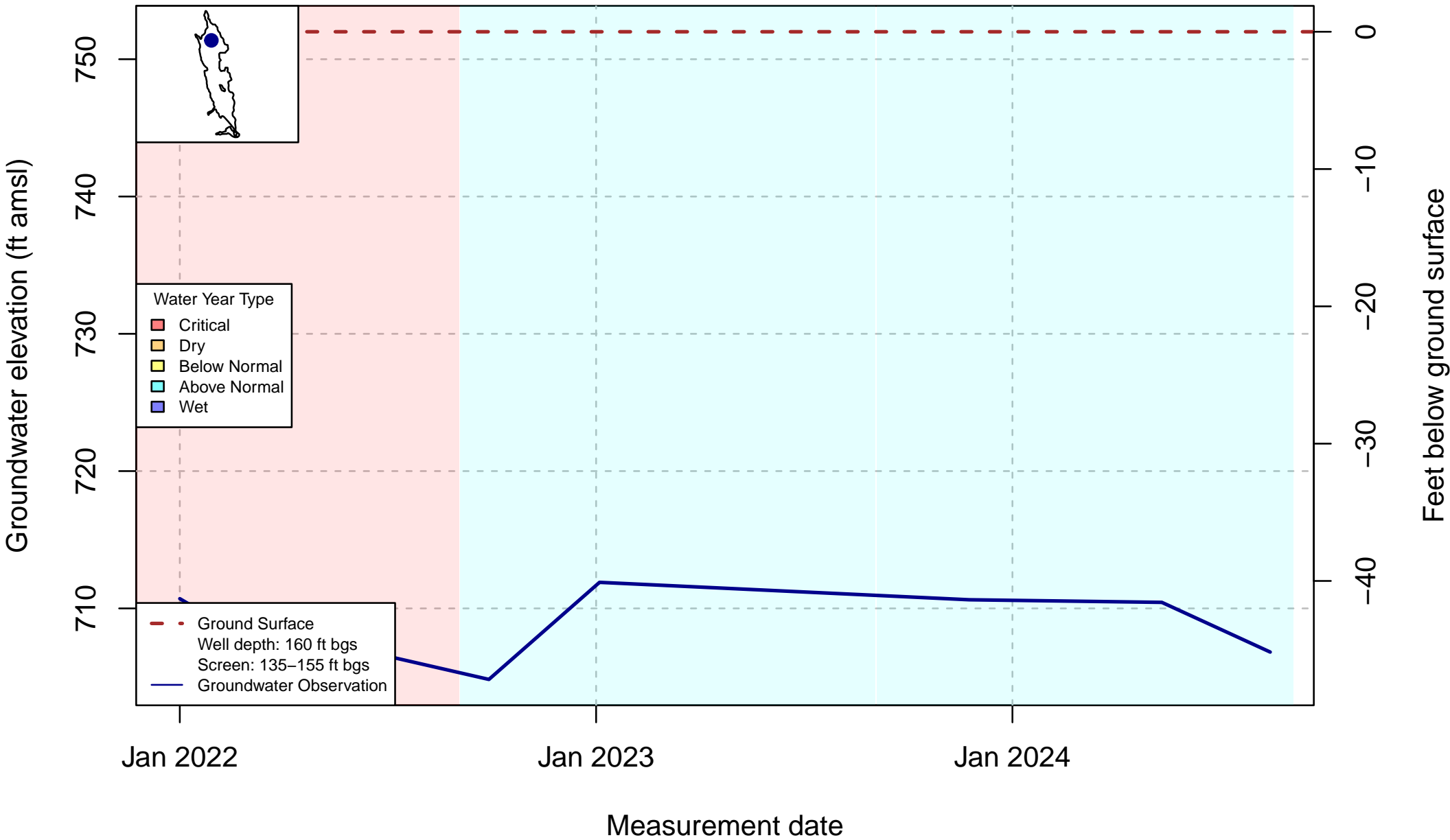
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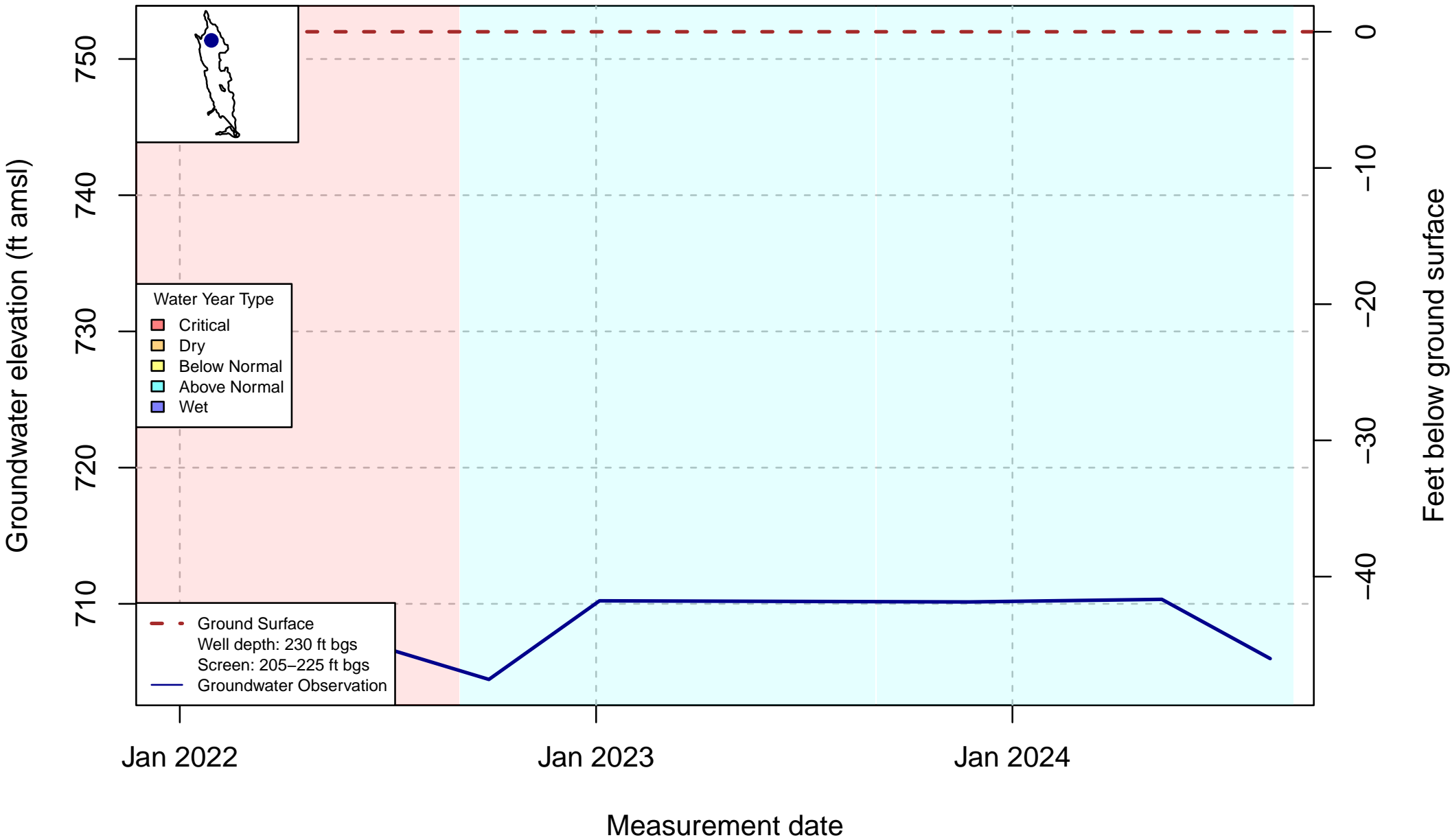
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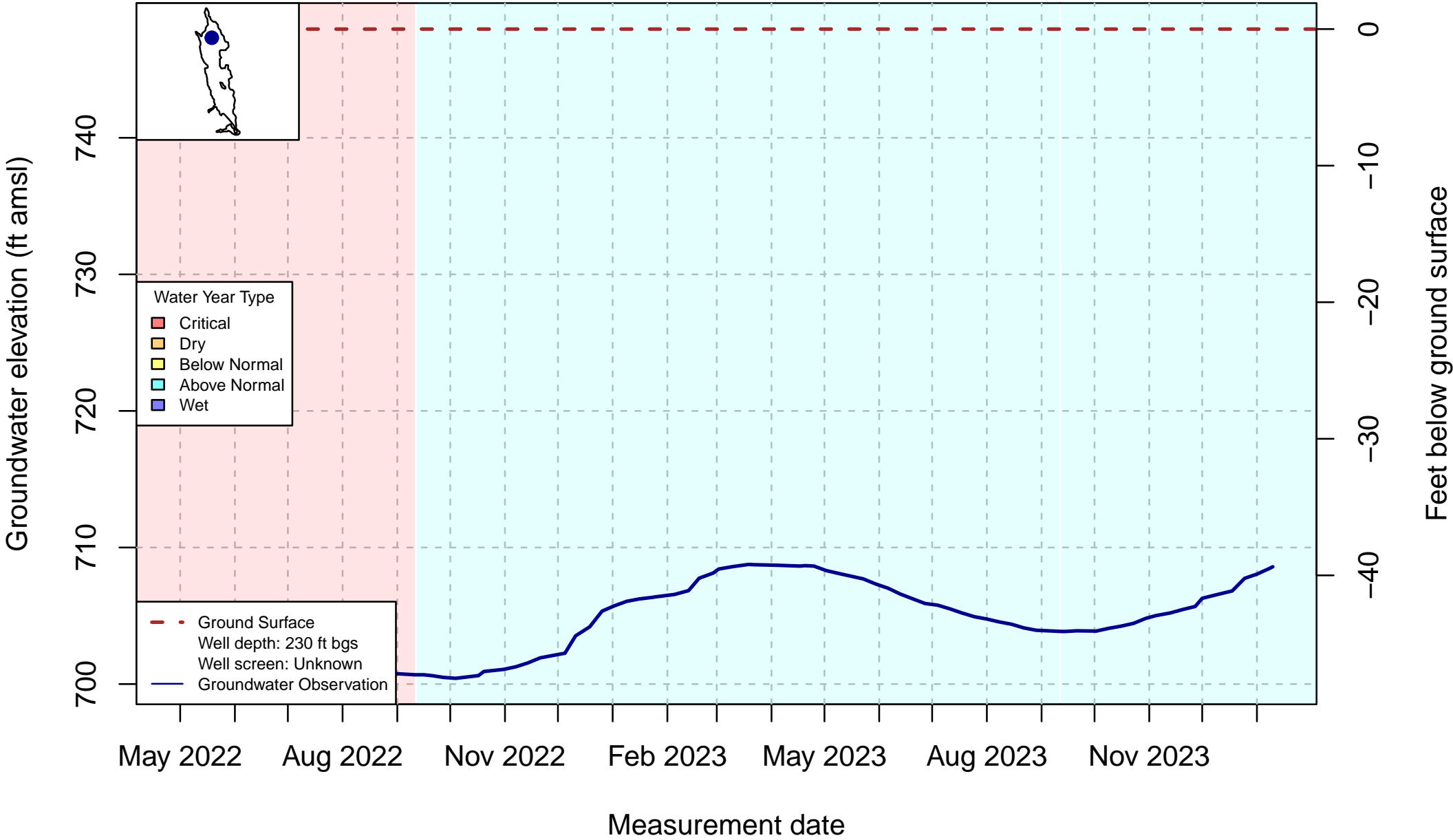
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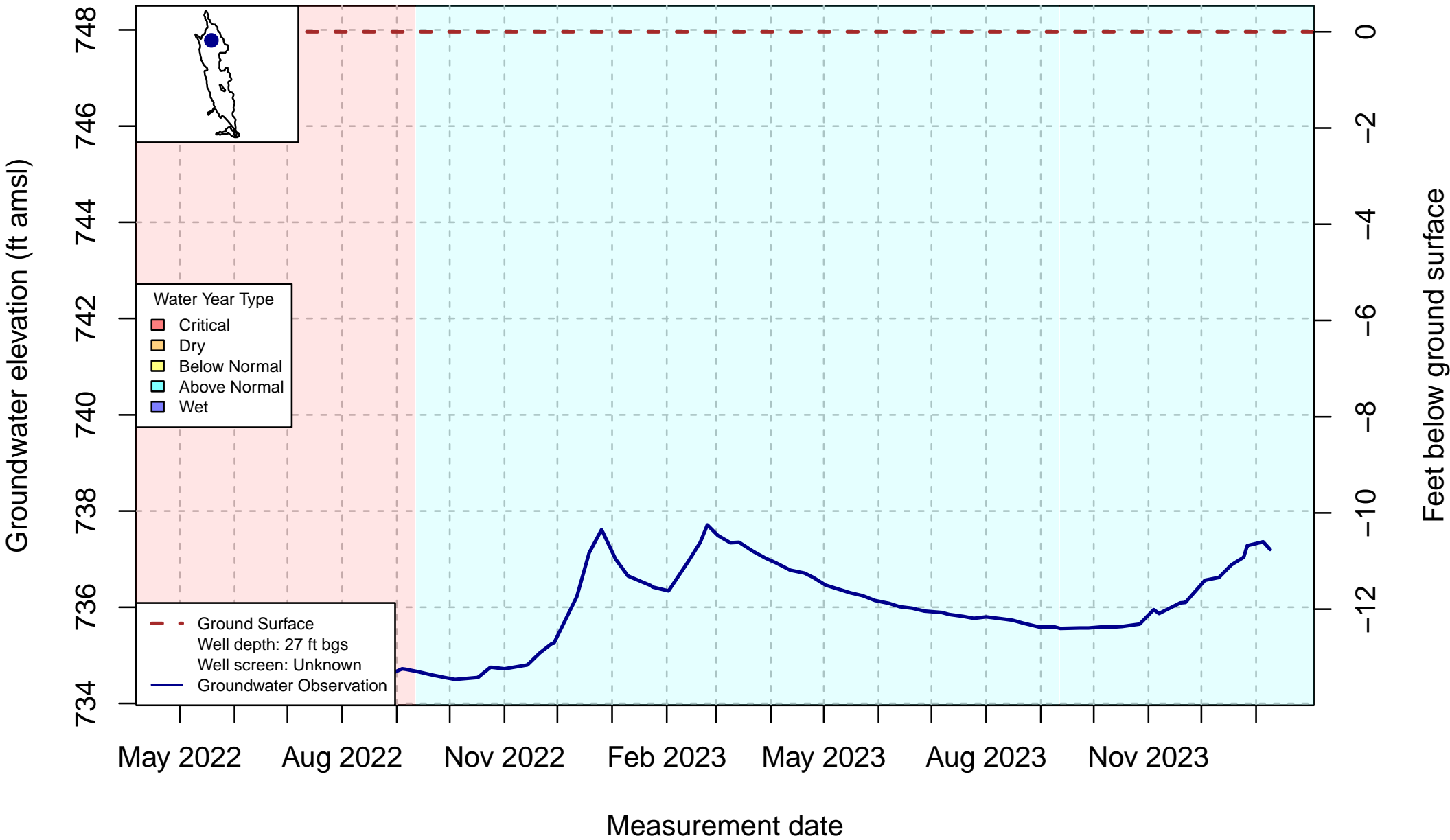
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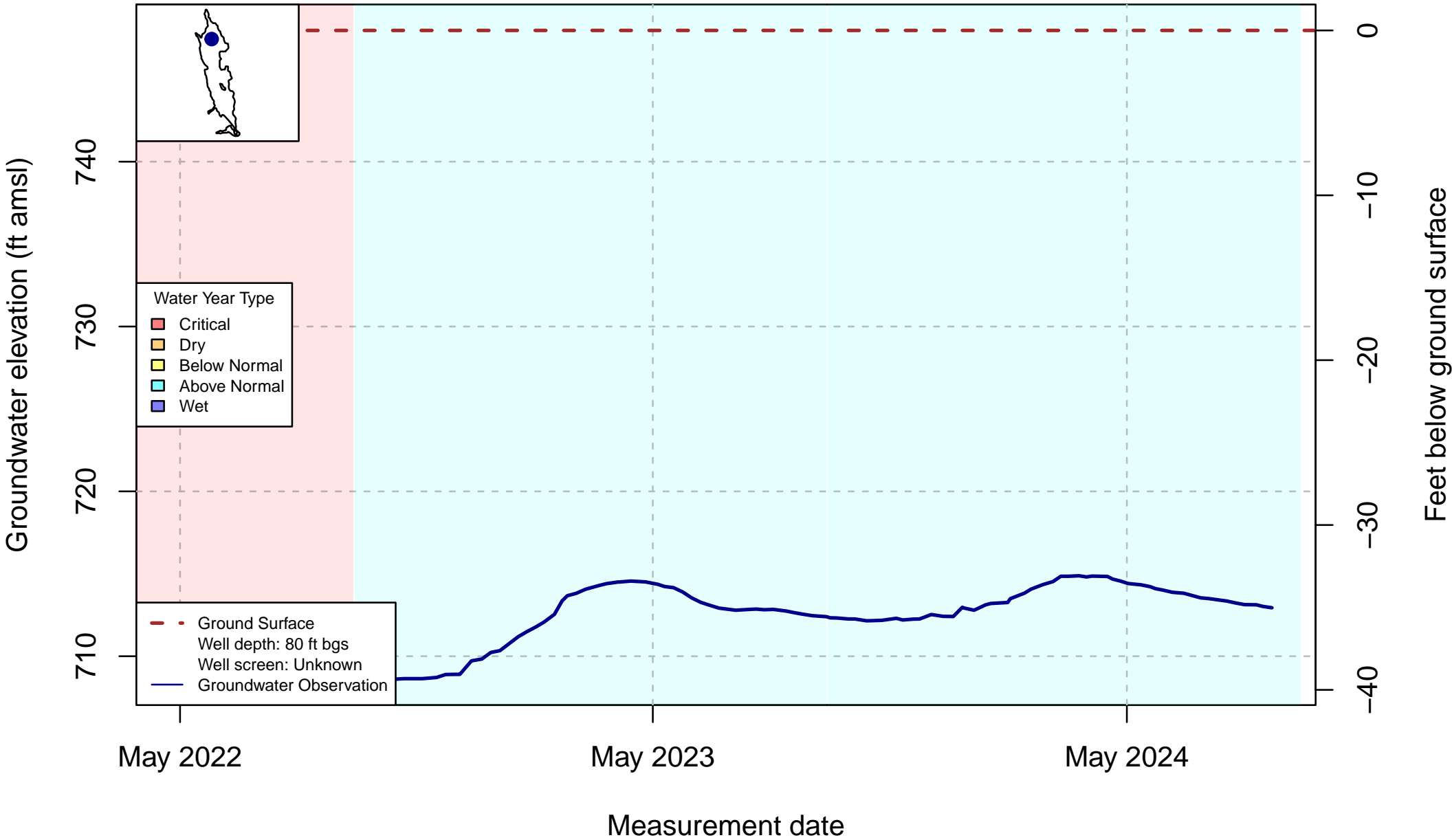
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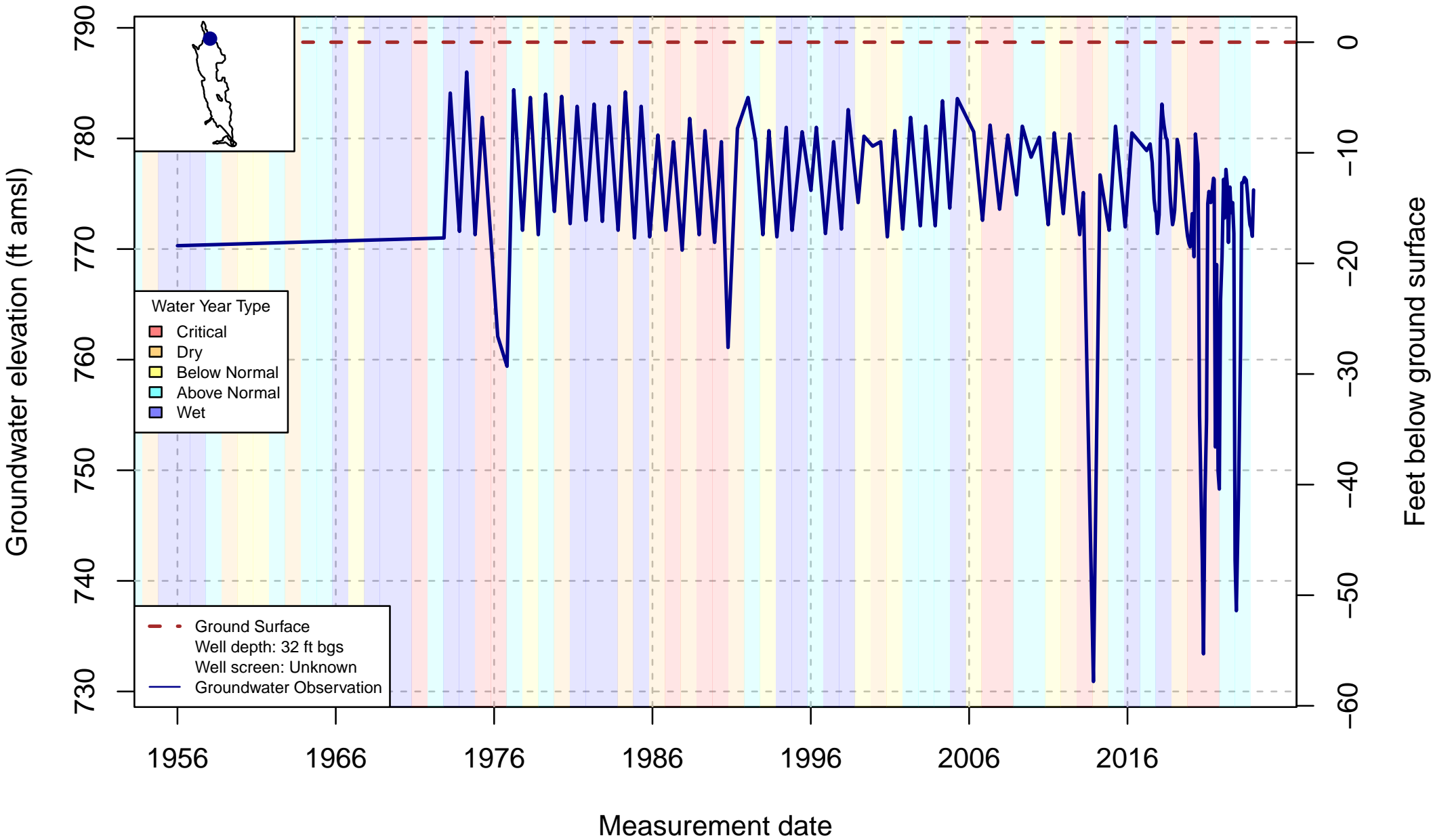
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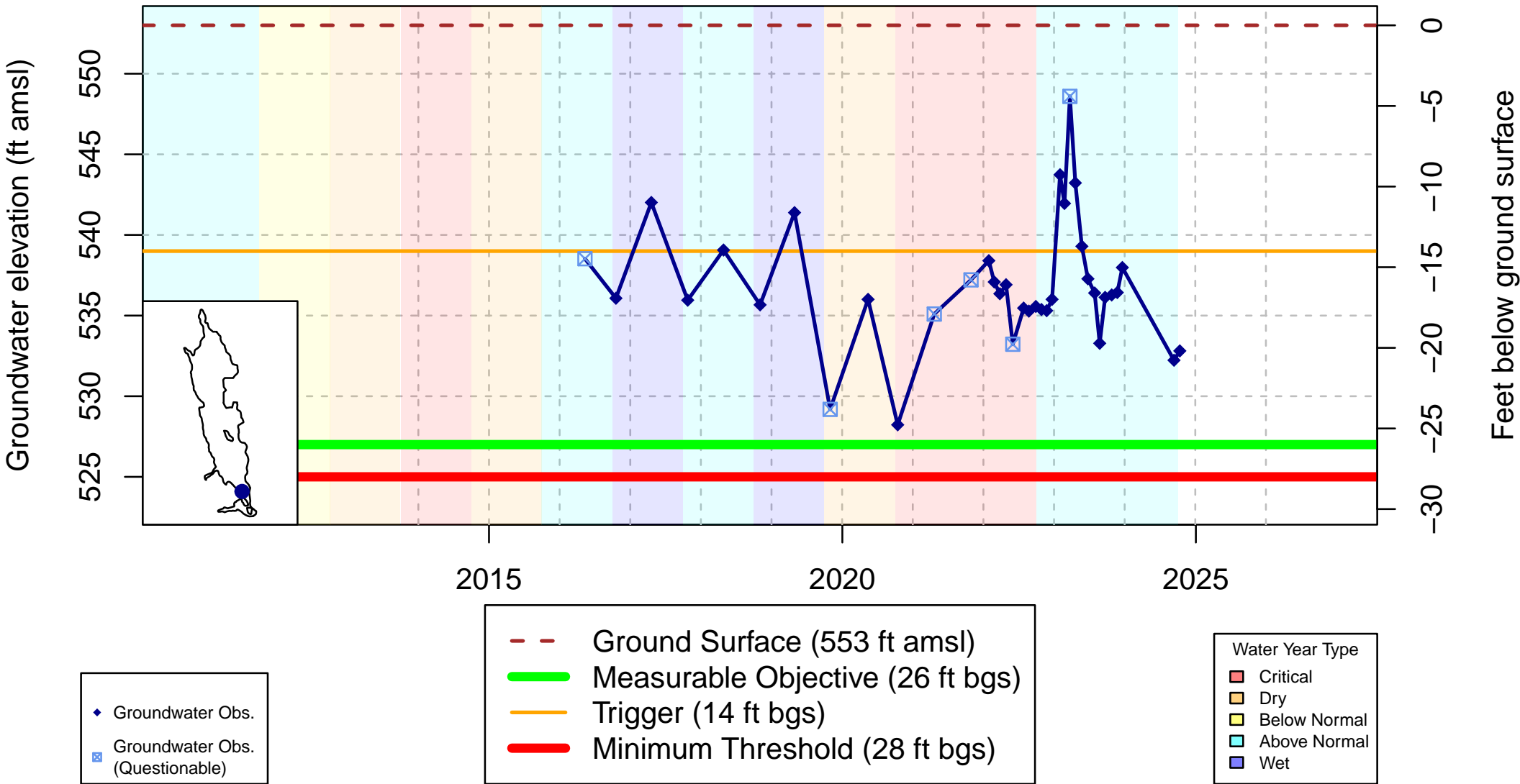


Well Code: 392962N1232047W001; SWN: 17N12W28M001M



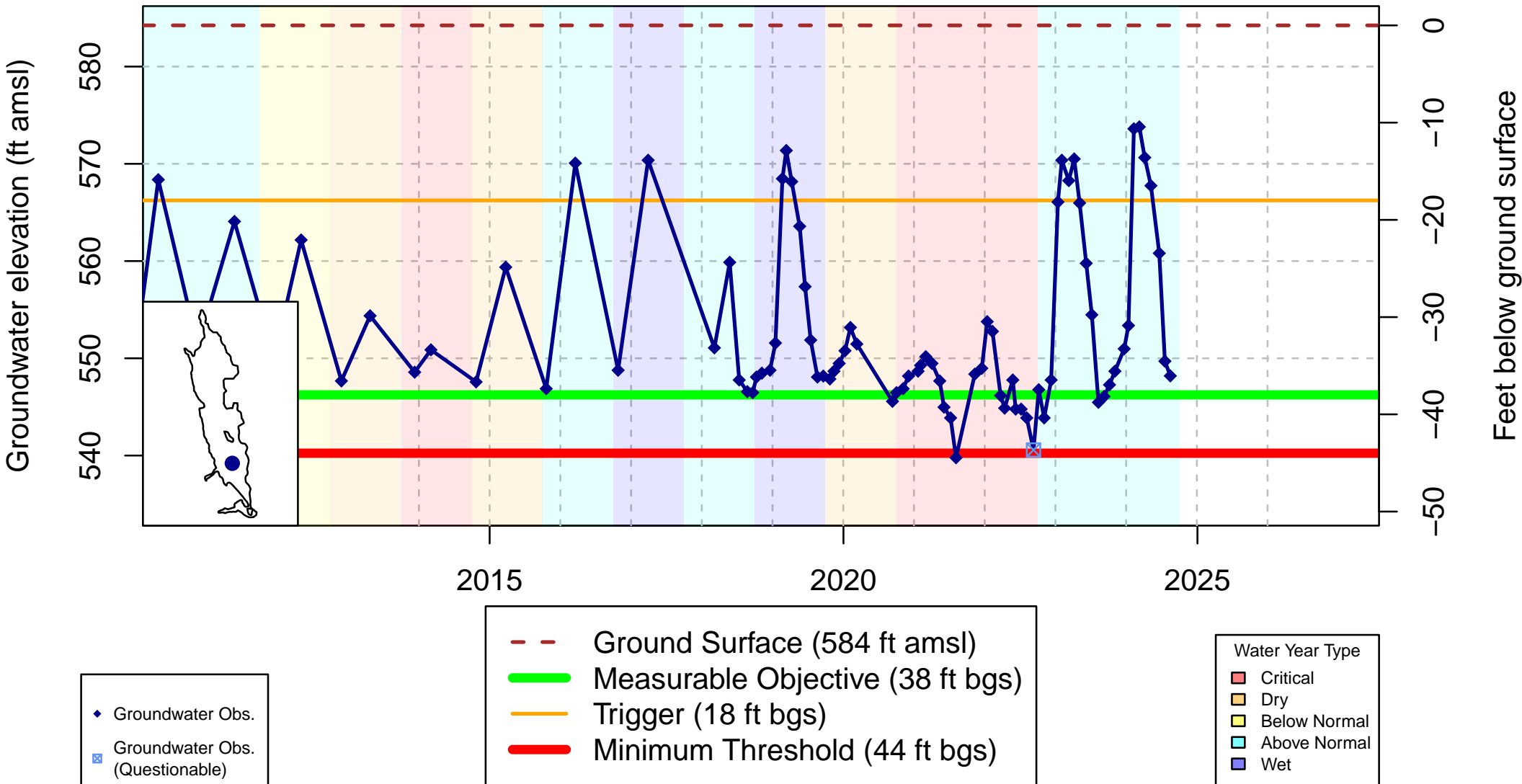
Appendix B: Chronic Lowering of Groundwater Levels - Representative Monitoring Network (RMP) Hydrographs

DWR Stn_ID: NA; well_code: 390664N1231491W001; well_name: Ukiah Valley-32; well_swn: NA



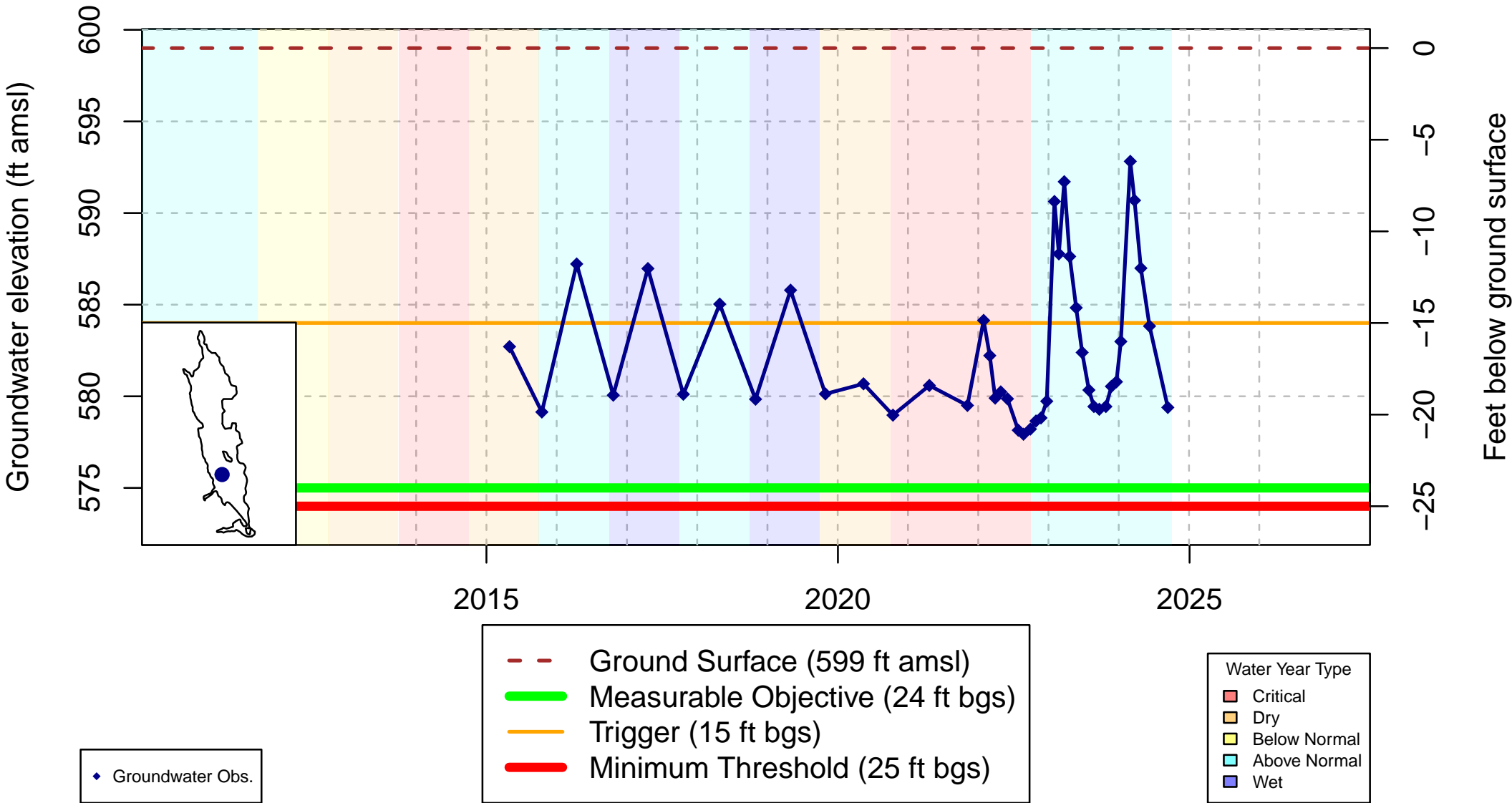
Water Year Types from WY 2019–2024 are preliminary results calculated based on SGMA Water Year Type Dataset Development Report. The results will be finalized once DWR updates the water year type dataset for these years.

DWR Stn_ID: NA; well_code: 391096N1231677W001; well_name: 391096N1231677W001; well_swn: 15N12W34Q001M



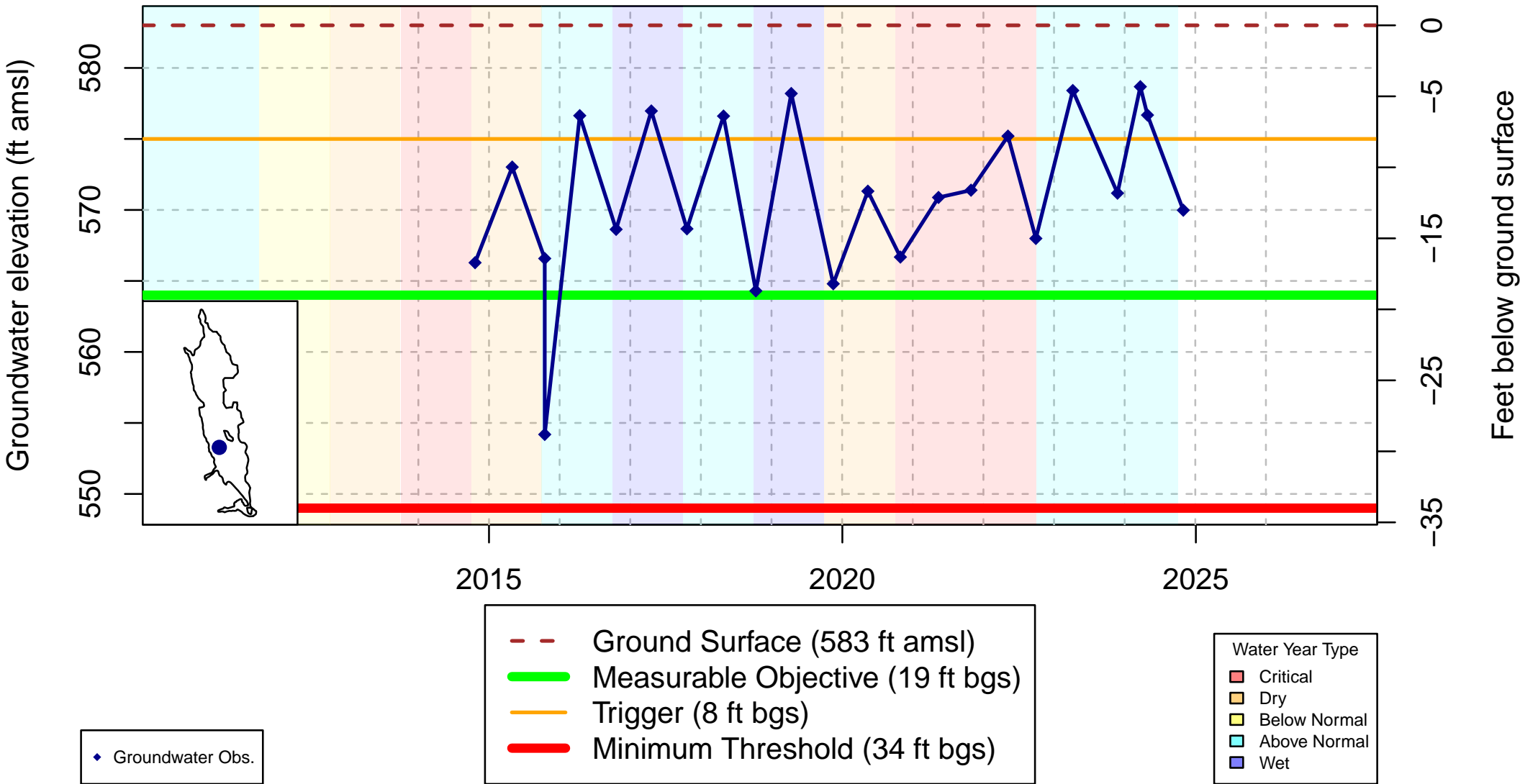
Water Year Types from WY 2019–2024 are preliminary results calculated based on SGMA Water Year Type Dataset Development Report. The results will be finalized once DWR updates the water year type dataset for these years.

DWR Stn_ID: NA; well_code: 391225N1231852W001; well_name: Ukiah Valley-26; well_swn: NA



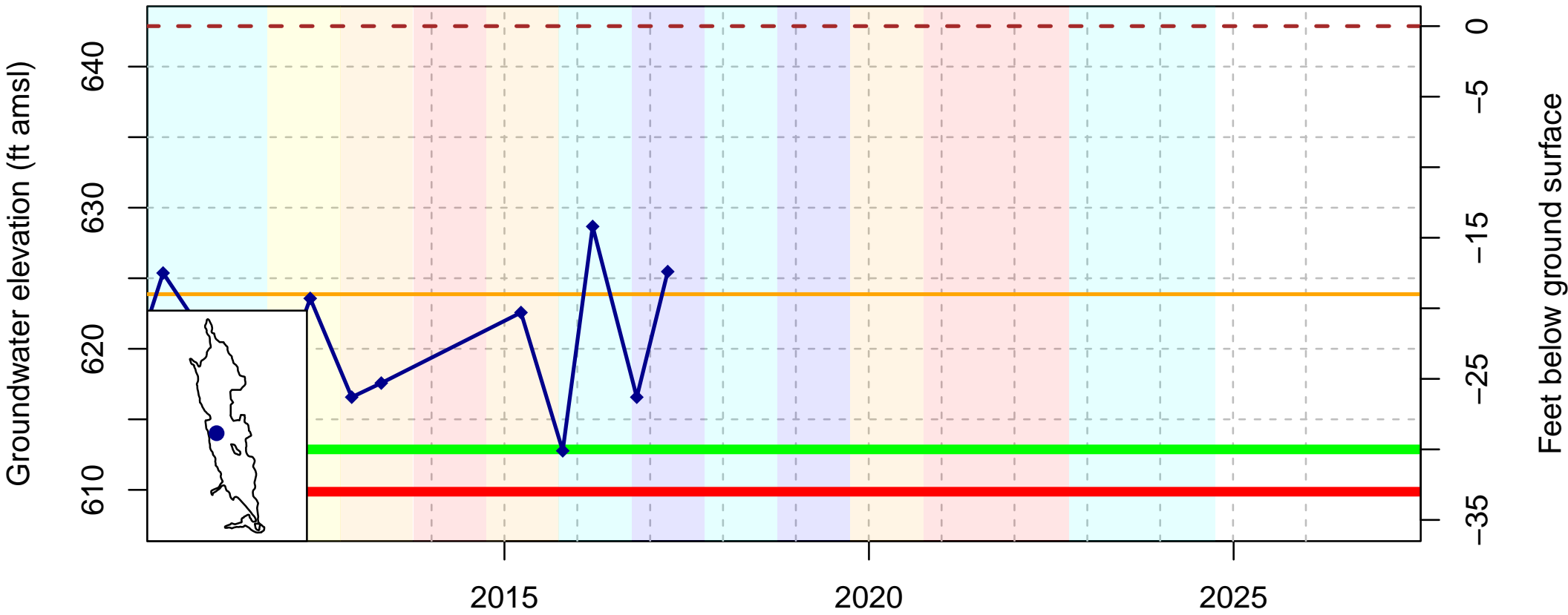
Water Year Types from WY 2019–2024 are preliminary results calculated based on SGMA Water Year Type Dataset Development Report. The results will be finalized once DWR updates the water year type dataset for these years.

DWR Stn_ID: NA; well_code: 391322N1231929W001; well_name: Ukiah Valley-10a; well_swn: NA



Water Year Types from WY 2019–2024 are preliminary results calculated based on SGMA Water Year Type Dataset Development Report. The results will be finalized once DWR updates the water year type dataset for these years.

DWR Stn_ID: NA; well_code: 391730N1232108W001; well_name: 15N12W08L001M; well_swn: 15N12W08L001M



◆ Groundwater Obs.

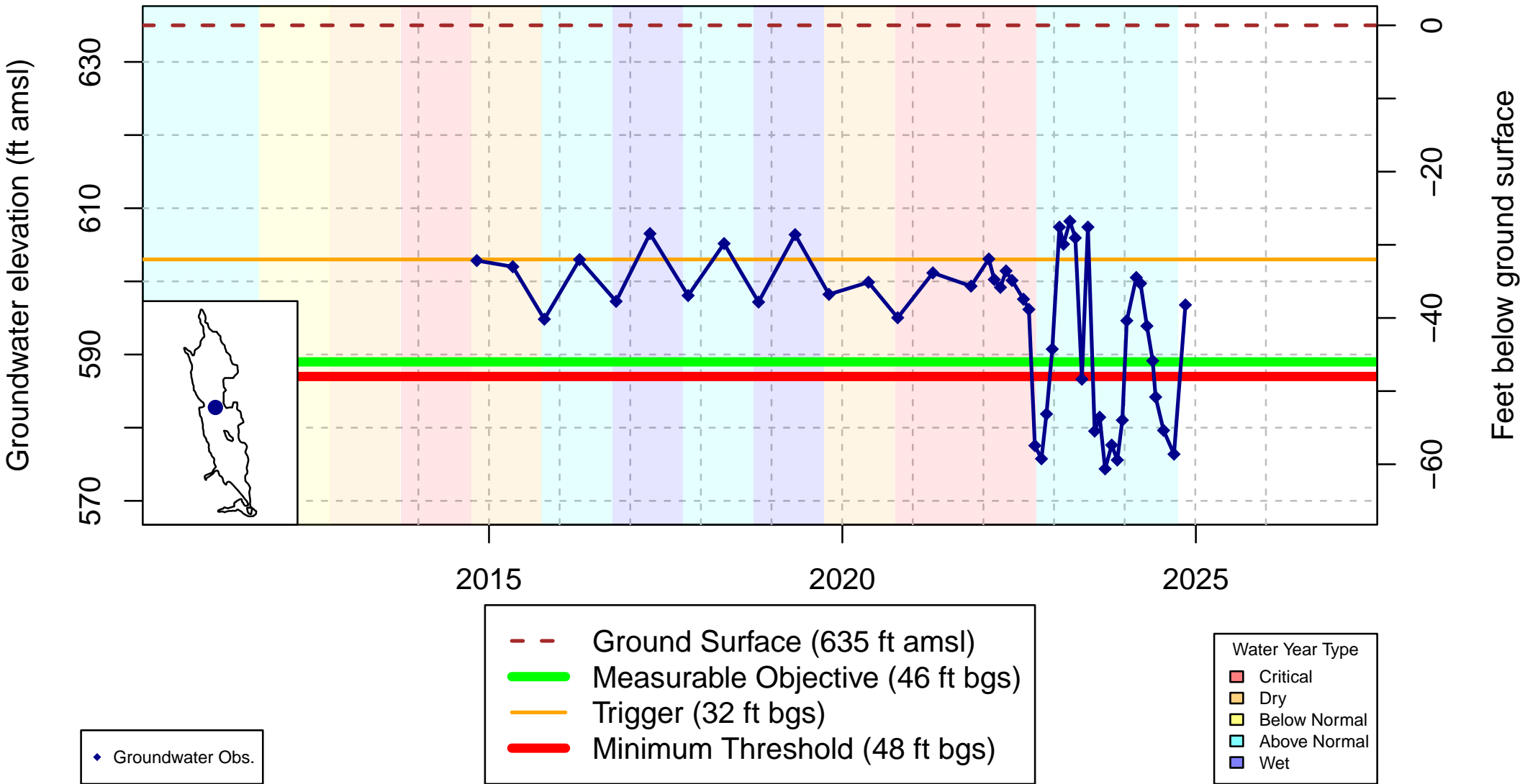
- Ground Surface (643 ft amsl)
- Measurable Objective (30 ft bgs)
- Trigger (19 ft bgs)
- Minimum Threshold (33 ft bgs)

Water Year Type

- Critical
- Dry
- Below Normal
- Above Normal
- Wet

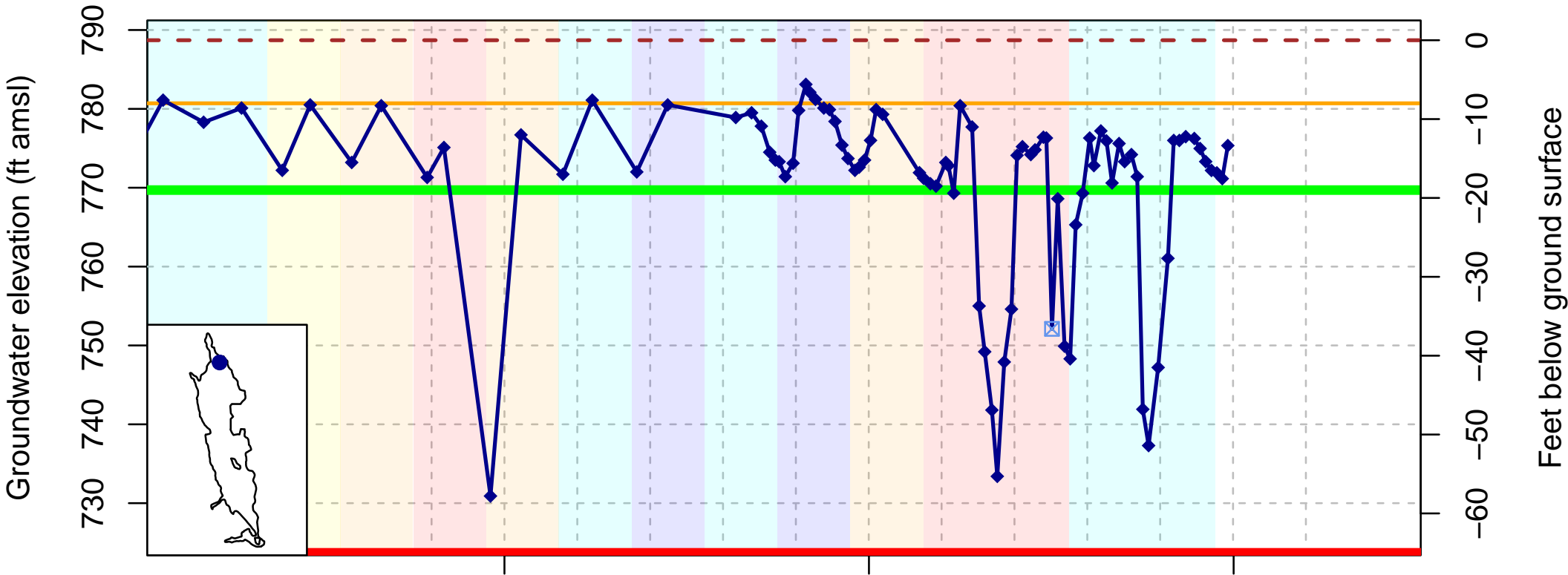
Well 391730N1232108W001 has historically been monitored by DWR. In 2018 DWR noted that this well appeared to have been destroyed during a construction project and it has not been monitored since. Water Year Types from WY 2019–2024 are preliminary results calculated based on SGMA Water Year Type Dataset Development Report.

DWR Stn_ID: NA; well_code: 391918N1232003W001; well_name: Ukiah Valley-1; well_swn: NA



Water Year Types from WY 2019–2024 are preliminary results calculated based on SGMA Water Year Type Dataset Development Report. The results will be finalized once DWR updates the water year type dataset for these years.

DWR Stn_ID: NA; well_code: 392962N1232047W001; well_name: 392962N1232047W001; well_swn: 17N12W28M001M



Note that the groundwater elevations were adjusted according to the most recent survey information available.

◆ Groundwater Obs.
 □ Groundwater Obs. (Questionable)

- - - Ground Surface (789 ft amsl)
 — Measurable Objective (19 ft bgs)
 — Trigger (8 ft bgs)
 — Minimum Threshold (65 ft bgs)

Water Year Type
 Critical
 Dry
 Below Normal
 Above Normal
 Wet

Water Year Types from WY 2019–2024 are preliminary results calculated based on SGMA Water Year Type Dataset Development Report. The results will be finalized once DWR updates the water year type dataset for these years.

Appendix C: Monitoring Data for Water Year 2024

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network.

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
390664N1231491W001	Ukiah Valley-32	2023-10-24	536.280	18.10	16.720	554.380	553.000	18.10	1
390664N1231491W001	Ukiah Valley-32	2023-11-22	536.430	17.95	16.570	554.380	553.000	17.95	1
390664N1231491W001	Ukiah Valley-32	2023-12-18	537.980	16.40	15.020	554.380	553.000	16.40	1
390664N1231491W001	Ukiah Valley-32	2024-09-10	532.230	22.15	20.770	554.380	553.000	22.15	1
391096N1231677W001	-	2023-10-05	547.270	35.60	35.600	582.870	582.870	35.60	2
391096N1231677W001	-	2023-11-02	548.670	34.20	34.200	582.870	582.870	34.20	2
391096N1231677W001	-	2023-12-20	550.970	31.90	31.900	582.870	582.870	31.90	2
391096N1231677W001	-	2024-01-11	553.370	29.50	29.500	582.870	582.870	29.50	2
391096N1231677W001	-	2024-02-08	573.600	10.80	10.636	584.400	584.236	10.80	2
391096N1231677W001	-	2024-03-07	573.800	10.60	10.436	584.400	584.236	10.60	2
391096N1231677W001	-	2024-04-04	570.640	13.76	13.596	584.400	584.236	13.76	2
391096N1231677W001	-	2024-05-06	567.750	16.65	16.486	584.400	584.236	16.65	2
391096N1231677W001	-	2024-06-18	560.800	23.60	23.436	584.400	584.236	23.60	2
391096N1231677W001	-	2024-07-17	549.700	34.70	34.536	584.400	584.236	34.70	2
391096N1231677W001	-	2024-08-14	548.190	36.21	36.046	584.400	584.236	36.21	2
391225N1231852W001	Ukiah Valley-26	2023-10-24	579.440	23.10	19.560	602.540	599.000	23.10	1
391225N1231852W001	Ukiah Valley-26	2023-11-22	580.540	22.00	18.460	602.540	599.000	22.00	1
391225N1231852W001	Ukiah Valley-26	2023-12-18	580.790	21.75	18.210	602.540	599.000	21.75	1
391225N1231852W001	Ukiah Valley-26	2024-01-10	582.990	19.55	16.010	602.540	599.000	19.55	1
391225N1231852W001	Ukiah Valley-26	2024-02-28	592.820	9.72	6.180	602.540	599.000	9.72	1
391225N1231852W001	Ukiah Valley-26	2024-03-21	590.690	11.85	8.310	602.540	599.000	11.85	1
391225N1231852W001	Ukiah Valley-26	2024-04-23	586.990	15.55	12.010	602.540	599.000	15.55	1
391225N1231852W001	Ukiah Valley-26	2024-06-07	583.830	18.71	15.170	602.540	599.000	18.71	1
391225N1231852W001	Ukiah Valley-26	2024-09-10	579.390	23.15	19.610	602.540	599.000	23.15	1
391246N1231827W001	Ukiah Valley-25	2023-10-24	560.330	23.00	19.670	583.330	580.000	23.00	1
391246N1231827W001	Ukiah Valley-25	2023-11-22	560.630	22.70	19.370	583.330	580.000	22.70	1
391246N1231827W001	Ukiah Valley-25	2023-12-18	561.430	21.90	18.570	583.330	580.000	21.90	1
391246N1231827W001	Ukiah Valley-25	2024-01-10	564.080	19.25	15.920	583.330	580.000	19.25	1

Ukiah Valley Groundwater Basin Water Year 2024 Annual Report

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
391246N1231827W001	Ukiah Valley-25	2024-02-28	574.830	8.50	5.170	583.330	580.000	8.50	1
391246N1231827W001	Ukiah Valley-25	2024-03-21	572.670	10.66	7.330	583.330	580.000	10.66	1
391246N1231827W001	Ukiah Valley-25	2024-04-23	568.430	14.90	11.570	583.330	580.000	14.90	1
391246N1231827W001	Ukiah Valley-25	2024-05-24	566.110	17.22	13.890	583.330	580.000	17.22	1
391246N1231827W001	Ukiah Valley-25	2024-06-07	564.910	18.42	15.090	583.330	580.000	18.42	1
391246N1231827W001	Ukiah Valley-25	2024-07-18	561.430	21.90	18.570	583.330	580.000	21.90	1
391246N1231827W001	Ukiah Valley-25	2024-08-16	559.760	23.57	20.240	583.330	580.000	23.57	1
391246N1231827W001	Ukiah Valley-25	2024-09-10	559.780	23.55	20.220	583.330	580.000	23.55	1
391322N1231929W001	Ukiah Valley-10a	2023-11-23	571.180	13.40	11.820	584.580	583.000	13.40	1
391322N1231929W001	Ukiah Valley-10a	2024-03-20	578.680	5.90	4.320	584.580	583.000	5.90	1
391322N1231929W001	Ukiah Valley-10a	2024-04-26	576.680	7.90	6.320	584.580	583.000	7.90	1
391411N1231983W002	Ukiah Valley-37	2023-10-31	553.200	40.80	40.800	594.000	594.000	40.80	2
391411N1231983W002	Ukiah Valley-37	2023-11-30	551.000	43.00	43.000	594.000	594.000	43.00	2
391411N1231983W002	Ukiah Valley-37	2023-12-31	552.500	41.50	41.500	594.000	594.000	41.50	2
391411N1231983W002	Ukiah Valley-37	2024-01-23	553.500	40.50	40.500	594.000	594.000	40.50	2
391411N1231983W002	Ukiah Valley-37	2024-02-29	554.000	40.00	40.000	594.000	594.000	40.00	2
391411N1231983W002	Ukiah Valley-37	2024-03-31	553.200	40.80	40.800	594.000	594.000	40.80	2
391411N1231983W002	Ukiah Valley-37	2024-04-26	552.500	41.50	41.500	594.000	594.000	41.50	2
391411N1231983W002	Ukiah Valley-37	2024-05-05	553.200	40.80	40.800	594.000	594.000	40.80	2
391411N1231983W002	Ukiah Valley-37	2024-06-30	548.000	46.00	46.000	594.000	594.000	46.00	2
391411N1231983W002	Ukiah Valley-37	2024-07-31	553.000	41.00	41.000	594.000	594.000	41.00	2
391411N1231983W002	Ukiah Valley-37	2024-08-31	551.400	42.60	42.600	594.000	594.000	42.60	2
391411N1231983W002	Ukiah Valley-37	2024-09-30	546.300	47.70	47.700	594.000	594.000	47.70	2
391586N1232003W002	Ukiah Valley-36	2023-10-31	547.200	60.80	60.800	608.000	608.000	60.80	2
391586N1232003W002	Ukiah Valley-36	2023-11-30	548.800	59.20	59.200	608.000	608.000	59.20	2
391586N1232003W002	Ukiah Valley-36	2023-12-31	547.500	60.50	60.500	608.000	608.000	60.50	2
391586N1232003W002	Ukiah Valley-36	2024-01-31	551.200	56.80	56.800	608.000	608.000	56.80	2
391586N1232003W002	Ukiah Valley-36	2024-02-29	554.800	53.20	53.200	608.000	608.000	53.20	2

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
391586N1232003W002	Ukiah Valley-36	2024-03-31	555.100	52.90	52.900	608.000	608.000	52.90	2
391586N1232003W002	Ukiah Valley-36	2024-04-24	550.500	57.50	57.500	608.000	608.000	57.50	2
391586N1232003W002	Ukiah Valley-36	2024-05-05	550.700	57.30	57.300	608.000	608.000	57.30	2
391586N1232003W002	Ukiah Valley-36	2024-06-27	548.000	60.00	60.000	608.000	608.000	60.00	2
391586N1232003W002	Ukiah Valley-36	2024-07-31	538.600	69.40	69.400	608.000	608.000	69.40	2
391586N1232003W002	Ukiah Valley-36	2024-08-31	544.400	63.60	63.600	608.000	608.000	63.60	2
391586N1232003W002	Ukiah Valley-36	2024-09-30	545.800	62.20	62.200	608.000	608.000	62.20	2
391860N1232039W001	Ukiah Valley-15	2023-10-31	597.400	22.60	22.600	620.000	620.000	22.60	2
391860N1232039W001	Ukiah Valley-15	2023-11-30	598.200	21.80	21.800	620.000	620.000	21.80	2
391860N1232039W001	Ukiah Valley-15	2023-12-31	603.600	16.40	16.400	620.000	620.000	16.40	2
391860N1232039W001	Ukiah Valley-15	2024-01-31	604.800	15.20	15.200	620.000	620.000	15.20	2
391860N1232039W001	Ukiah Valley-15	2024-02-29	604.600	15.40	15.400	620.000	620.000	15.40	2
391860N1232039W001	Ukiah Valley-15	2024-03-31	604.500	15.50	15.500	620.000	620.000	15.50	2
391860N1232039W001	Ukiah Valley-15	2024-04-25	604.600	15.40	15.400	620.000	620.000	15.40	2
391860N1232039W001	Ukiah Valley-15	2024-05-31	604.200	15.80	15.800	620.000	620.000	15.80	2
391860N1232039W001	Ukiah Valley-15	2024-06-30	604.500	15.50	15.500	620.000	620.000	15.50	2
391860N1232039W001	Ukiah Valley-15	2024-07-31	604.500	15.50	15.500	620.000	620.000	15.50	2
391860N1232039W001	Ukiah Valley-15	2024-08-31	604.000	16.00	16.000	620.000	620.000	16.00	2
391860N1232039W001	Ukiah Valley-15	2024-09-30	604.100	15.90	15.900	620.000	620.000	15.90	2
391918N1232003W001	Ukiah Valley-1	2023-10-24	577.620	60.01	57.380	637.630	635.000	60.01	1
391918N1232003W001	Ukiah Valley-1	2023-11-22	575.580	62.05	59.420	637.630	635.000	62.05	1
391918N1232003W001	Ukiah Valley-1	2023-12-18	581.030	56.60	53.970	637.630	635.000	56.60	1
391918N1232003W001	Ukiah Valley-1	2024-01-10	594.630	43.00	40.370	637.630	635.000	43.00	1
391918N1232003W001	Ukiah Valley-1	2024-02-28	600.530	37.10	34.470	637.630	635.000	37.10	1
391918N1232003W001	Ukiah Valley-1	2024-03-21	599.710	37.92	35.290	637.630	635.000	37.92	1
391918N1232003W001	Ukiah Valley-1	2024-04-23	593.900	43.73	41.100	637.630	635.000	43.73	1
391918N1232003W001	Ukiah Valley-1	2024-05-23	589.140	48.49	45.860	637.630	635.000	48.49	1
391918N1232003W001	Ukiah Valley-1	2024-06-07	584.190	53.44	50.810	637.630	635.000	53.44	1

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
391918N1232003W001	Ukiah Valley-1	2024-07-18	579.630	58.00	55.370	637.630	635.000	58.00	1
391918N1232003W001	Ukiah Valley-1	2024-09-10	576.380	61.25	58.620	637.630	635.000	61.25	1
391918N1232003W002	Ukiah Valley-2	2023-10-24	546.770	91.40	88.230	638.170	635.000	91.40	2
391918N1232003W002	Ukiah Valley-2	2023-11-22	541.770	96.40	93.230	638.170	635.000	96.40	2
391918N1232003W002	Ukiah Valley-2	2023-12-18	547.370	90.80	87.630	638.170	635.000	90.80	2
391918N1232003W002	Ukiah Valley-2	2024-01-10	561.970	76.20	73.030	638.170	635.000	76.20	2
391918N1232003W002	Ukiah Valley-2	2024-02-28	579.600	58.57	55.400	638.170	635.000	58.57	2
391918N1232003W002	Ukiah Valley-2	2024-03-21	576.950	61.22	58.050	638.170	635.000	61.22	2
391918N1232003W002	Ukiah Valley-2	2024-04-23	561.970	76.20	73.030	638.170	635.000	76.20	2
391918N1232003W002	Ukiah Valley-2	2024-05-23	564.750	73.42	70.250	638.170	635.000	73.42	2
391918N1232003W002	Ukiah Valley-2	2024-06-07	547.590	90.58	87.410	638.170	635.000	90.58	2
391918N1232003W002	Ukiah Valley-2	2024-07-18	546.170	92.00	88.830	638.170	635.000	92.00	2
391918N1232003W002	Ukiah Valley-2	2024-09-10	547.670	90.50	87.330	638.170	635.000	90.50	2
391918N1232003W003	Ukiah Valley-3	2023-10-24	554.010	84.20	80.990	638.210	635.000	84.20	2
391918N1232003W003	Ukiah Valley-3	2023-11-22	549.210	89.00	85.790	638.210	635.000	89.00	2
391918N1232003W003	Ukiah Valley-3	2023-12-18	554.710	83.50	80.290	638.210	635.000	83.50	2
391918N1232003W003	Ukiah Valley-3	2024-01-10	568.810	69.40	66.190	638.210	635.000	69.40	2
391918N1232003W003	Ukiah Valley-3	2024-02-28	578.380	59.83	56.620	638.210	635.000	59.83	2
391918N1232003W003	Ukiah Valley-3	2024-03-21	576.010	62.20	58.990	638.210	635.000	62.20	2
391918N1232003W003	Ukiah Valley-3	2024-04-23	569.100	69.11	65.900	638.210	635.000	69.11	2
391918N1232003W003	Ukiah Valley-3	2024-05-23	565.160	73.05	69.840	638.210	635.000	73.05	2
391918N1232003W003	Ukiah Valley-3	2024-06-07	555.680	82.53	79.320	638.210	635.000	82.53	2
391918N1232003W003	Ukiah Valley-3	2024-07-18	555.560	82.65	79.440	638.210	635.000	82.65	2
391918N1232003W003	Ukiah Valley-3	2024-09-10	552.520	85.69	82.480	638.210	635.000	85.69	2
391918N1232003W004	Ukiah Valley-4	2023-10-24	563.600	74.65	71.400	638.250	635.000	74.65	2
391918N1232003W004	Ukiah Valley-4	2023-11-22	563.650	74.60	71.350	638.250	635.000	74.60	2
391918N1232003W004	Ukiah Valley-4	2023-12-18	567.200	71.05	67.800	638.250	635.000	71.05	2
391918N1232003W004	Ukiah Valley-4	2024-01-10	575.050	63.20	59.950	638.250	635.000	63.20	2

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. (continued)

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
391918N1232003W004	Ukiah Valley-4	2024-02-28	582.550	55.70	52.450	638.250	635.000	55.70	2
391918N1232003W004	Ukiah Valley-4	2024-03-21	583.280	54.97	51.720	638.250	635.000	54.97	2
391918N1232003W004	Ukiah Valley-4	2024-04-23	579.680	58.57	55.320	638.250	635.000	58.57	2
391918N1232003W004	Ukiah Valley-4	2024-05-23	576.450	61.80	58.550	638.250	635.000	61.80	2
391918N1232003W004	Ukiah Valley-4	2024-06-07	571.240	67.01	63.760	638.250	635.000	67.01	2
391918N1232003W004	Ukiah Valley-4	2024-07-18	568.300	69.95	66.700	638.250	635.000	69.95	2
391918N1232003W004	Ukiah Valley-4	2024-09-10	565.360	72.89	69.640	638.250	635.000	72.89	2
392358N1232020W001	-	2023-10-05	663.550	20.80	19.300	684.350	682.850	20.80	2
392358N1232020W001	-	2023-11-03	663.550	20.80	19.300	684.350	682.850	20.80	2
392358N1232020W001	-	2023-12-21	664.450	19.90	18.400	684.350	682.850	19.90	2
392358N1232020W001	-	2024-01-11	665.450	18.90	17.400	684.350	682.850	18.90	2
392358N1232020W001	-	2024-02-08	666.566	17.10	16.326	683.666	682.892	17.10	2
392358N1232020W001	-	2024-03-13	666.786	16.88	16.106	683.666	682.892	16.88	2
392358N1232020W001	-	2024-04-04	666.786	16.88	16.106	683.666	682.892	16.88	2
392358N1232020W001	-	2024-05-06	665.716	17.95	17.176	683.666	682.892	17.95	2
392358N1232020W001	-	2024-06-18	664.616	19.05	18.276	683.666	682.892	19.05	2
392358N1232020W001	-	2024-07-17	663.886	19.78	19.006	683.666	682.892	19.78	2
392358N1232020W001	-	2024-08-14	663.396	20.27	19.496	683.666	682.892	20.27	2
392358N1232020W001	-	2024-09-12	663.116	20.55	19.776	683.666	682.892	20.55	2
392455N1231977W001	Ukiah Valley-16	2023-10-24	686.180	46.85	43.820	733.030	730.000	46.85	2
392455N1231977W001	Ukiah Valley-16	2023-11-22	685.840	47.19	44.160	733.030	730.000	47.19	2
392455N1231977W001	Ukiah Valley-16	2023-12-18	685.680	47.35	44.320	733.030	730.000	47.35	2
392455N1231977W001	Ukiah Valley-16	2024-01-10	685.730	47.30	44.270	733.030	730.000	47.30	2
392455N1231977W001	Ukiah Valley-16	2024-02-28	690.110	42.92	39.890	733.030	730.000	42.92	2
392455N1231977W001	Ukiah Valley-16	2024-03-21	691.500	41.53	38.500	733.030	730.000	41.53	2
392455N1231977W001	Ukiah Valley-16	2024-04-23	690.010	43.02	39.990	733.030	730.000	43.02	2
392455N1231977W001	Ukiah Valley-16	2024-05-23	689.030	44.00	40.970	733.030	730.000	44.00	2
392455N1231977W001	Ukiah Valley-16	2024-06-07	688.590	44.44	41.410	733.030	730.000	44.44	2

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
392455N1231977W001	Ukiah Valley-16	2024-07-18	687.360	45.67	42.640	733.030	730.000	45.67	2
392455N1231977W001	Ukiah Valley-16	2024-08-16	686.860	46.17	43.140	733.030	730.000	46.17	2
392455N1231977W001	Ukiah Valley-16	2024-09-10	686.490	46.54	43.510	733.030	730.000	46.54	2
392455N1231977W002	Ukiah Valley-17	2023-10-24	657.130	75.40	72.870	732.530	730.000	75.40	2
392455N1231977W002	Ukiah Valley-17	2023-11-22	651.180	81.35	78.820	732.530	730.000	81.35	2
392455N1231977W002	Ukiah Valley-17	2023-12-18	646.780	85.75	83.220	732.530	730.000	85.75	2
392455N1231977W002	Ukiah Valley-17	2024-01-10	644.530	88.00	85.470	732.530	730.000	88.00	2
392455N1231977W002	Ukiah Valley-17	2024-02-28	645.330	87.20	84.670	732.530	730.000	87.20	2
392455N1231977W002	Ukiah Valley-17	2024-03-21	645.860	86.67	84.140	732.530	730.000	86.67	2
392455N1231977W002	Ukiah Valley-17	2024-04-23	645.310	87.22	84.690	732.530	730.000	87.22	2
392455N1231977W002	Ukiah Valley-17	2024-05-23	644.680	87.85	85.320	732.530	730.000	87.85	2
392455N1231977W002	Ukiah Valley-17	2024-06-07	642.700	89.83	87.300	732.530	730.000	89.83	2
392455N1231977W002	Ukiah Valley-17	2024-07-18	653.890	78.64	76.110	732.530	730.000	78.64	2
392455N1231977W002	Ukiah Valley-17	2024-08-16	652.280	80.25	77.720	732.530	730.000	80.25	2
392455N1231977W002	Ukiah Valley-17	2024-09-10	651.030	81.50	78.970	732.530	730.000	81.50	2
392455N1231977W003	Ukiah Valley-18	2023-10-24	681.450	50.55	48.550	732.000	730.000	50.55	2
392455N1231977W003	Ukiah Valley-18	2023-11-22	681.400	50.60	48.600	732.000	730.000	50.60	2
392455N1231977W003	Ukiah Valley-18	2023-12-18	689.500	42.50	40.500	732.000	730.000	42.50	2
392455N1231977W003	Ukiah Valley-18	2024-01-10	678.400	53.60	51.600	732.000	730.000	53.60	2
392455N1231977W003	Ukiah Valley-18	2024-02-28	677.710	54.29	52.290	732.000	730.000	54.29	2
392455N1231977W003	Ukiah Valley-18	2024-03-21	681.790	50.21	48.210	732.000	730.000	50.21	2
392455N1231977W003	Ukiah Valley-18	2024-04-23	676.510	55.49	53.490	732.000	730.000	55.49	2
392455N1231977W003	Ukiah Valley-18	2024-05-23	675.300	56.70	54.700	732.000	730.000	56.70	2
392455N1231977W003	Ukiah Valley-18	2024-06-07	675.850	56.15	54.150	732.000	730.000	56.15	2
392455N1231977W003	Ukiah Valley-18	2024-07-18	678.030	53.97	51.970	732.000	730.000	53.97	2
392455N1231977W003	Ukiah Valley-18	2024-08-16	678.580	53.42	51.420	732.000	730.000	53.42	2
392455N1231977W003	Ukiah Valley-18	2024-09-10	698.530	33.47	31.470	732.000	730.000	33.47	2
392572N1231906W001	Ukiah Valley-9	2023-10-24	758.910	30.55	31.090	789.460	790.000	30.55	2

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
392572N1231906W001	Ukiah Valley-9	2023-11-22	758.860	30.60	31.140	789.460	790.000	30.60	2
392572N1231906W001	Ukiah Valley-9	2023-12-18	759.660	29.80	30.340	789.460	790.000	29.80	2
392572N1231906W001	Ukiah Valley-9	2024-01-10	765.960	23.50	24.040	789.460	790.000	23.50	2
392572N1231906W001	Ukiah Valley-9	2024-02-28	771.510	17.95	18.490	789.460	790.000	17.95	2
392572N1231906W001	Ukiah Valley-9	2024-03-21	770.130	19.33	19.870	789.460	790.000	19.33	2
392572N1231906W001	Ukiah Valley-9	2024-04-23	767.710	21.75	22.290	789.460	790.000	21.75	2
392572N1231906W001	Ukiah Valley-9	2024-05-23	765.430	24.03	24.570	789.460	790.000	24.03	2
392572N1231906W001	Ukiah Valley-9	2024-06-07	763.840	25.62	26.160	789.460	790.000	25.62	2
392572N1231906W001	Ukiah Valley-9	2024-07-18	757.510	31.95	32.490	789.460	790.000	31.95	2
392572N1231906W001	Ukiah Valley-9	2024-08-16	756.220	33.24	33.780	789.460	790.000	33.24	2
392572N1231906W001	Ukiah Valley-9	2024-09-10	753.150	36.31	36.850	789.460	790.000	36.31	2
392962N1232047W001	-	2023-10-04	741.903	46.94	46.800	788.843	788.703	46.94	2
392962N1232047W001	-	2023-11-02	737.303	51.54	51.400	788.843	788.703	51.54	2
392962N1232047W001	-	2023-12-20	747.203	41.64	41.500	788.843	788.703	41.64	2
392962N1232047W001	-	2024-02-07	761.043	27.80	27.660	788.843	788.703	27.80	2
392962N1232047W001	-	2024-03-07	775.993	12.85	12.710	788.843	788.703	12.85	2
392962N1232047W001	-	2024-04-04	775.993	12.85	12.710	788.843	788.703	12.85	2
392962N1232047W001	-	2024-05-06	776.473	12.37	12.230	788.843	788.703	12.37	2
392962N1232047W001	-	2024-06-18	776.243	12.60	12.460	788.843	788.703	12.60	2
392962N1232047W001	-	2024-07-17	774.973	13.87	13.730	788.843	788.703	13.87	2
392962N1232047W001	-	2024-08-14	773.313	15.53	15.390	788.843	788.703	15.53	2
392962N1232047W001	-	2024-09-12	772.193	16.65	16.510	788.843	788.703	16.65	2
UVB_001	UVBGSA-01c	2023-10-02	549.990	31.07	-	581.060	578.470	31.07	2
UVB_001	UVBGSA-01c	2023-10-12	549.930	31.13	-	581.060	578.470	31.13	2
UVB_001	UVBGSA-01c	2023-10-21	550.300	30.76	-	581.060	578.470	30.76	2
UVB_001	UVBGSA-01c	2023-10-28	550.700	30.36	-	581.060	578.470	30.36	2
UVB_001	UVBGSA-01c	2023-11-03	550.820	30.24	-	581.060	578.470	30.24	2
UVB_001	UVBGSA-01c	2023-11-11	550.950	30.11	-	581.060	578.470	30.11	2

Ukiah Valley Groundwater Basin Water Year 2024 Annual Report

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_001	UVBGSA-01c	2023-11-18	551.150	29.91	-	581.060	578.470	29.91	2
UVB_001	UVBGSA-01c	2023-11-23	551.220	29.84	-	581.060	578.470	29.84	2
UVB_001	UVBGSA-01c	2023-11-30	551.320	29.74	-	581.060	578.470	29.74	2
UVB_001	UVBGSA-01c	2023-12-07	551.340	29.72	-	581.060	578.470	29.72	2
UVB_001	UVBGSA-01c	2023-12-16	551.360	29.70	-	581.060	578.470	29.70	2
UVB_001	UVBGSA-01c	2023-12-23	552.600	28.46	-	581.060	578.470	28.46	2
UVB_001	UVBGSA-01c	2023-12-29	552.920	28.14	-	581.060	578.470	28.14	2
UVB_001	UVBGSA-01c	2024-01-06	553.660	27.40	-	581.060	578.470	27.40	2
UVB_001	UVBGSA-01c	2024-01-13	555.070	25.99	-	581.060	578.470	25.99	2
UVB_001	UVBGSA-01c	2024-01-20	556.290	24.77	-	581.060	578.470	24.77	2
UVB_001	UVBGSA-01c	2024-01-27	557.510	23.55	-	581.060	578.470	23.55	2
UVB_001	UVBGSA-01c	2024-02-03	560.060	21.00	-	581.060	578.470	21.00	2
UVB_001	UVBGSA-01c	2024-02-06	563.250	17.81	-	581.060	578.470	17.81	2
UVB_001	UVBGSA-01c	2024-02-11	561.940	19.12	-	581.060	578.470	19.12	2
UVB_001	UVBGSA-01c	2024-02-21	563.490	17.57	-	581.060	578.470	17.57	2
UVB_001	UVBGSA-01c	2024-02-25	562.420	18.64	-	581.060	578.470	18.64	2
UVB_001	UVBGSA-01c	2024-03-07	562.430	18.63	-	581.060	578.470	18.63	2
UVB_001	UVBGSA-01c	2024-03-10	562.320	18.74	-	581.060	578.470	18.74	2
UVB_001	UVBGSA-01c	2024-03-17	560.410	20.65	-	581.060	578.470	20.65	2
UVB_001	UVBGSA-01c	2024-03-24	559.120	21.94	-	581.060	578.470	21.94	2
UVB_001	UVBGSA-01c	2024-03-31	558.860	22.20	-	581.060	578.470	22.20	2
UVB_001	UVBGSA-01c	2024-04-08	557.550	23.51	-	581.060	578.470	23.51	2
UVB_001	UVBGSA-01c	2024-04-14	557.150	23.91	-	581.060	578.470	23.91	2
UVB_001	UVBGSA-01c	2024-04-21	556.490	24.57	-	581.060	578.470	24.57	2
UVB_001	UVBGSA-01c	2024-04-28	555.850	25.21	-	581.060	578.470	25.21	2
UVB_001	UVBGSA-01c	2024-05-05	555.230	25.83	-	581.060	578.470	25.83	2
UVB_001	UVBGSA-01c	2024-05-12	554.730	26.33	-	581.060	578.470	26.33	2
UVB_001	UVBGSA-01c	2024-05-19	554.050	27.01	-	581.060	578.470	27.01	2

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_001	UVBGSA-01c	2024-05-27	553.610	27.45	-	581.060	578.470	27.45	2
UVB_001	UVBGSA-01c	2024-06-03	552.460	28.60	-	581.060	578.470	28.60	2
UVB_001	UVBGSA-01c	2024-06-09	551.930	29.13	-	581.060	578.470	29.13	2
UVB_001	UVBGSA-01c	2024-06-17	551.370	29.69	-	581.060	578.470	29.69	2
UVB_001	UVBGSA-01c	2024-06-24	550.730	30.33	-	581.060	578.470	30.33	2
UVB_001	UVBGSA-01c	2024-07-01	550.020	31.04	-	581.060	578.470	31.04	2
UVB_001	UVBGSA-01c	2024-07-08	548.920	32.14	-	581.060	578.470	32.14	2
UVB_001	UVBGSA-01c	2024-07-20	548.550	32.51	-	581.060	578.470	32.51	2
UVB_001	UVBGSA-01c	2024-07-22	548.880	32.18	-	581.060	578.470	32.18	2
UVB_001	UVBGSA-01c	2024-07-29	548.200	32.86	-	581.060	578.470	32.86	2
UVB_001	UVBGSA-01c	2024-08-06	548.100	32.96	-	581.060	578.470	32.96	2
UVB_001	UVBGSA-01c	2024-08-12	548.580	32.48	-	581.060	578.470	32.48	2
UVB_001	UVBGSA-01c	2024-08-24	549.020	32.04	-	581.060	578.470	32.04	2
UVB_001	UVBGSA-01c	2024-08-26	549.170	31.89	-	581.060	578.470	31.89	2
UVB_001	UVBGSA-01c	2024-09-02	548.910	32.15	-	581.060	578.470	32.15	2
UVB_001	UVBGSA-01c	2024-09-09	548.930	32.13	-	581.060	578.470	32.13	2
UVB_001	UVBGSA-01c	2024-09-21	549.050	32.01	-	581.060	578.470	32.01	2
UVB_001	UVBGSA-01c	2024-09-23	549.140	31.92	-	581.060	578.470	31.92	2
UVB_001_2	UVBGSA-01b	2023-10-07	556.000	24.97	-	580.970	578.470	24.97	2
UVB_001_2	UVBGSA-01b	2023-10-14	556.380	24.59	-	580.970	578.470	24.59	2
UVB_001_2	UVBGSA-01b	2023-10-21	556.670	24.30	-	580.970	578.470	24.30	2
UVB_001_2	UVBGSA-01b	2023-10-24	556.770	24.20	-	580.970	578.470	24.20	2
UVB_001_2	UVBGSA-01b	2023-10-31	556.770	24.20	-	580.970	578.470	24.20	2
UVB_001_2	UVBGSA-01b	2023-11-06	556.800	24.17	-	580.970	578.470	24.17	2
UVB_001_2	UVBGSA-01b	2023-11-18	557.660	23.31	-	580.970	578.470	23.31	2
UVB_001_2	UVBGSA-01b	2023-11-19	557.670	23.30	-	580.970	578.470	23.30	2
UVB_001_2	UVBGSA-01b	2023-11-26	556.990	23.98	-	580.970	578.470	23.98	2
UVB_001_2	UVBGSA-01b	2023-12-08	557.710	23.26	-	580.970	578.470	23.26	2

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_001_2	UVBGSA-01b	2023-12-10	557.070	23.90	-	580.970	578.470	23.90	2
UVB_001_2	UVBGSA-01b	2023-12-20	562.590	18.38	-	580.970	578.470	18.38	2
UVB_001_2	UVBGSA-01b	2023-12-30	561.580	19.39	-	580.970	578.470	19.39	2
UVB_001_2	UVBGSA-01b	2023-12-31	560.890	20.08	-	580.970	578.470	20.08	2
UVB_001_2	UVBGSA-01b	2024-01-13	566.920	14.05	-	580.970	578.470	14.05	2
UVB_001_2	UVBGSA-01b	2024-01-14	568.690	12.28	-	580.970	578.470	12.28	2
UVB_001_2	UVBGSA-01b	2024-01-22	564.010	16.96	-	580.970	578.470	16.96	2
UVB_001_2	UVBGSA-01b	2024-02-01	570.060	10.91	-	580.970	578.470	10.91	2
UVB_001_2	UVBGSA-01b	2024-02-05	571.910	9.06	-	580.970	578.470	9.06	2
UVB_001_2	UVBGSA-01b	2024-02-17	564.400	16.57	-	580.970	578.470	16.57	2
UVB_001_2	UVBGSA-01b	2024-02-20	567.420	13.55	-	580.970	578.470	13.55	2
UVB_001_2	UVBGSA-01b	2024-03-02	565.360	15.61	-	580.970	578.470	15.61	2
UVB_001_2	UVBGSA-01b	2024-03-06	566.710	14.26	-	580.970	578.470	14.26	2
UVB_001_2	UVBGSA-01b	2024-03-10	564.730	16.24	-	580.970	578.470	16.24	2
UVB_001_2	UVBGSA-01b	2024-03-23	561.100	19.87	-	580.970	578.470	19.87	2
UVB_001_2	UVBGSA-01b	2024-03-24	561.930	19.04	-	580.970	578.470	19.04	2
UVB_001_2	UVBGSA-01b	2024-03-31	561.460	19.51	-	580.970	578.470	19.51	2
UVB_001_2	UVBGSA-01b	2024-04-07	559.790	21.18	-	580.970	578.470	21.18	2
UVB_001_2	UVBGSA-01b	2024-04-14	559.570	21.40	-	580.970	578.470	21.40	2
UVB_001_2	UVBGSA-01b	2024-04-21	559.090	21.88	-	580.970	578.470	21.88	2
UVB_001_2	UVBGSA-01b	2024-05-04	558.950	22.02	-	580.970	578.470	22.02	2
UVB_001_2	UVBGSA-01b	2024-05-05	559.000	21.97	-	580.970	578.470	21.97	2
UVB_001_2	UVBGSA-01b	2024-05-12	558.330	22.64	-	580.970	578.470	22.64	2
UVB_001_2	UVBGSA-01b	2024-05-24	558.000	22.97	-	580.970	578.470	22.97	2
UVB_001_2	UVBGSA-01b	2024-05-26	557.960	23.01	-	580.970	578.470	23.01	2
UVB_001_2	UVBGSA-01b	2024-06-03	557.550	23.42	-	580.970	578.470	23.42	2
UVB_001_2	UVBGSA-01b	2024-06-09	557.310	23.66	-	580.970	578.470	23.66	2
UVB_001_2	UVBGSA-01b	2024-06-17	555.820	25.15	-	580.970	578.470	25.15	2

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_001_2	UVBGSA-01b	2024-06-23	555.390	25.58	-	580.970	578.470	25.58	2
UVB_001_2	UVBGSA-01b	2024-06-30	555.080	25.89	-	580.970	578.470	25.89	2
UVB_001_2	UVBGSA-01b	2024-07-07	554.310	26.66	-	580.970	578.470	26.66	2
UVB_001_2	UVBGSA-01b	2024-07-20	554.230	26.74	-	580.970	578.470	26.74	2
UVB_001_2	UVBGSA-01b	2024-07-26	554.120	26.85	-	580.970	578.470	26.85	2
UVB_001_2	UVBGSA-01b	2024-07-30	554.090	26.88	-	580.970	578.470	26.88	2
UVB_001_2	UVBGSA-01b	2024-08-06	554.160	26.81	-	580.970	578.470	26.81	2
UVB_001_2	UVBGSA-01b	2024-08-13	554.600	26.37	-	580.970	578.470	26.37	2
UVB_001_2	UVBGSA-01b	2024-08-24	555.370	25.60	-	580.970	578.470	25.60	2
UVB_001_2	UVBGSA-01b	2024-08-25	555.310	25.66	-	580.970	578.470	25.66	2
UVB_001_2	UVBGSA-01b	2024-09-07	555.140	25.83	-	580.970	578.470	25.83	2
UVB_001_2	UVBGSA-01b	2024-09-14	555.210	25.76	-	580.970	578.470	25.76	2
UVB_001_2	UVBGSA-01b	2024-09-20	556.050	24.92	-	580.970	578.470	24.92	2
UVB_001_2	UVBGSA-01b	2024-09-23	556.680	24.29	-	580.970	578.470	24.29	2
UVB_001_2	UVBGSA-01b	2024-09-30	556.640	24.33	-	580.970	578.470	24.33	2
UVB_001_3	UVBGSA-01a	2023-10-07	556.380	24.49	-	580.870	578.470	24.49	1
UVB_001_3	UVBGSA-01a	2023-10-14	556.730	24.14	-	580.870	578.470	24.14	1
UVB_001_3	UVBGSA-01a	2023-10-21	556.960	23.91	-	580.870	578.470	23.91	1
UVB_001_3	UVBGSA-01a	2023-10-22	557.040	23.83	-	580.870	578.470	23.83	1
UVB_001_3	UVBGSA-01a	2023-10-29	557.020	23.85	-	580.870	578.470	23.85	1
UVB_001_3	UVBGSA-01a	2023-11-06	557.040	23.83	-	580.870	578.470	23.83	1
UVB_001_3	UVBGSA-01a	2023-11-18	557.790	23.08	-	580.870	578.470	23.08	1
UVB_001_3	UVBGSA-01a	2023-11-19	557.810	23.06	-	580.870	578.470	23.06	1
UVB_001_3	UVBGSA-01a	2023-11-26	557.190	23.68	-	580.870	578.470	23.68	1
UVB_001_3	UVBGSA-01a	2023-12-08	557.880	22.99	-	580.870	578.470	22.99	1
UVB_001_3	UVBGSA-01a	2023-12-10	557.300	23.57	-	580.870	578.470	23.57	1
UVB_001_3	UVBGSA-01a	2023-12-20	563.390	17.48	-	580.870	578.470	17.48	1
UVB_001_3	UVBGSA-01a	2023-12-30	561.980	18.89	-	580.870	578.470	18.89	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_001_3	UVBGSA-01a	2023-12-31	561.120	19.75	-	580.870	578.470	19.75	1
UVB_001_3	UVBGSA-01a	2024-01-13	568.140	12.73	-	580.870	578.470	12.73	1
UVB_001_3	UVBGSA-01a	2024-01-14	570.280	10.59	-	580.870	578.470	10.59	1
UVB_001_3	UVBGSA-01a	2024-01-22	564.360	16.51	-	580.870	578.470	16.51	1
UVB_001_3	UVBGSA-01a	2024-02-01	571.420	9.45	-	580.870	578.470	9.45	1
UVB_001_3	UVBGSA-01a	2024-02-05	572.990	7.88	-	580.870	578.470	7.88	1
UVB_001_3	UVBGSA-01a	2024-02-17	564.440	16.43	-	580.870	578.470	16.43	1
UVB_001_3	UVBGSA-01a	2024-02-19	567.680	13.19	-	580.870	578.470	13.19	1
UVB_001_3	UVBGSA-01a	2024-03-02	565.510	15.36	-	580.870	578.470	15.36	1
UVB_001_3	UVBGSA-01a	2024-03-06	566.960	13.91	-	580.870	578.470	13.91	1
UVB_001_3	UVBGSA-01a	2024-03-10	564.520	16.35	-	580.870	578.470	16.35	1
UVB_001_3	UVBGSA-01a	2024-03-23	560.770	20.10	-	580.870	578.470	20.10	1
UVB_001_3	UVBGSA-01a	2024-03-24	561.650	19.22	-	580.870	578.470	19.22	1
UVB_001_3	UVBGSA-01a	2024-03-31	561.090	19.78	-	580.870	578.470	19.78	1
UVB_001_3	UVBGSA-01a	2024-04-07	559.520	21.35	-	580.870	578.470	21.35	1
UVB_001_3	UVBGSA-01a	2024-04-14	559.290	21.58	-	580.870	578.470	21.58	1
UVB_001_3	UVBGSA-01a	2024-04-21	558.850	22.02	-	580.870	578.470	22.02	1
UVB_001_3	UVBGSA-01a	2024-05-04	558.970	21.90	-	580.870	578.470	21.90	1
UVB_001_3	UVBGSA-01a	2024-05-05	559.000	21.87	-	580.870	578.470	21.87	1
UVB_001_3	UVBGSA-01a	2024-05-12	558.340	22.53	-	580.870	578.470	22.53	1
UVB_001_3	UVBGSA-01a	2024-05-19	558.070	22.80	-	580.870	578.470	22.80	1
UVB_001_3	UVBGSA-01a	2024-05-26	558.030	22.84	-	580.870	578.470	22.84	1
UVB_001_3	UVBGSA-01a	2024-06-03	557.820	23.05	-	580.870	578.470	23.05	1
UVB_001_3	UVBGSA-01a	2024-06-09	557.650	23.22	-	580.870	578.470	23.22	1
UVB_001_3	UVBGSA-01a	2024-06-17	556.200	24.67	-	580.870	578.470	24.67	1
UVB_001_3	UVBGSA-01a	2024-06-24	555.860	25.01	-	580.870	578.470	25.01	1
UVB_001_3	UVBGSA-01a	2024-06-30	555.670	25.20	-	580.870	578.470	25.20	1
UVB_001_3	UVBGSA-01a	2024-07-08	555.380	25.49	-	580.870	578.470	25.49	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_001_3	UVBGSA-01a	2024-07-20	555.240	25.63	-	580.870	578.470	25.63	1
UVB_001_3	UVBGSA-01a	2024-07-26	555.250	25.62	-	580.870	578.470	25.62	1
UVB_001_3	UVBGSA-01a	2024-07-30	555.180	25.69	-	580.870	578.470	25.69	1
UVB_001_3	UVBGSA-01a	2024-08-10	555.160	25.71	-	580.870	578.470	25.71	1
UVB_001_3	UVBGSA-01a	2024-08-13	555.440	25.43	-	580.870	578.470	25.43	1
UVB_001_3	UVBGSA-01a	2024-08-24	555.940	24.93	-	580.870	578.470	24.93	1
UVB_001_3	UVBGSA-01a	2024-08-25	555.900	24.97	-	580.870	578.470	24.97	1
UVB_001_3	UVBGSA-01a	2024-09-07	555.780	25.09	-	580.870	578.470	25.09	1
UVB_001_3	UVBGSA-01a	2024-09-08	555.750	25.12	-	580.870	578.470	25.12	1
UVB_001_3	UVBGSA-01a	2024-09-20	556.500	24.37	-	580.870	578.470	24.37	1
UVB_001_3	UVBGSA-01a	2024-09-23	557.010	23.86	-	580.870	578.470	23.86	1
UVB_001_3	UVBGSA-01a	2024-09-30	556.930	23.94	-	580.870	578.470	23.94	1
UVB_002	UVBGSA-02	2023-10-01	584.800	9.76	-	594.560	595.110	9.76	2
UVB_002	UVBGSA-02	2023-10-12	584.780	9.78	-	594.560	595.110	9.78	2
UVB_002	UVBGSA-02	2023-10-15	584.750	9.81	-	594.560	595.110	9.81	2
UVB_002	UVBGSA-02	2023-10-28	585.220	9.34	-	594.560	595.110	9.34	2
UVB_002	UVBGSA-02	2023-10-31	585.240	9.32	-	594.560	595.110	9.32	2
UVB_002	UVBGSA-02	2023-11-10	585.440	9.12	-	594.560	595.110	9.12	2
UVB_002	UVBGSA-02	2023-11-18	585.930	8.63	-	594.560	595.110	8.63	2
UVB_002	UVBGSA-02	2023-11-25	586.860	7.70	-	594.560	595.110	7.70	2
UVB_002	UVBGSA-02	2023-11-29	586.950	7.61	-	594.560	595.110	7.61	2
UVB_002	UVBGSA-02	2023-12-09	588.010	6.55	-	594.560	595.110	6.55	2
UVB_002	UVBGSA-02	2023-12-12	588.150	6.41	-	594.560	595.110	6.41	2
UVB_002	UVBGSA-02	2023-12-23	589.850	4.71	-	594.560	595.110	4.71	2
UVB_002	UVBGSA-02	2023-12-30	590.700	3.86	-	594.560	595.110	3.86	2
UVB_002	UVBGSA-02	2024-01-06	590.960	3.60	-	594.560	595.110	3.60	2
UVB_002	UVBGSA-02	2024-01-13	591.270	3.29	-	594.560	595.110	3.29	2
UVB_002	UVBGSA-02	2024-01-20	591.510	3.05	-	594.560	595.110	3.05	2

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. (continued)

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_002	UVBGSA-02	2024-01-22	591.640	2.92	-	594.560	595.110	2.92	2
UVB_002	UVBGSA-02	2024-02-02	591.770	2.79	-	594.560	595.110	2.79	2
UVB_002	UVBGSA-02	2024-02-04	591.940	2.62	-	594.560	595.110	2.62	2
UVB_002	UVBGSA-02	2024-02-17	591.560	3.00	-	594.560	595.110	3.00	2
UVB_002	UVBGSA-02	2024-02-20	591.880	2.68	-	594.560	595.110	2.68	2
UVB_002	UVBGSA-02	2024-03-02	591.770	2.79	-	594.560	595.110	2.79	2
UVB_002	UVBGSA-02	2024-03-07	591.800	2.76	-	594.560	595.110	2.76	2
UVB_002	UVBGSA-02	2024-03-11	591.600	2.96	-	594.560	595.110	2.96	2
UVB_002	UVBGSA-02	2024-03-17	591.340	3.22	-	594.560	595.110	3.22	2
UVB_002	UVBGSA-02	2024-03-30	591.510	3.05	-	594.560	595.110	3.05	2
UVB_002	UVBGSA-02	2024-03-31	591.480	3.08	-	594.560	595.110	3.08	2
UVB_002	UVBGSA-02	2024-04-07	591.110	3.45	-	594.560	595.110	3.45	2
UVB_002	UVBGSA-02	2024-04-14	590.990	3.57	-	594.560	595.110	3.57	2
UVB_002	UVBGSA-02	2024-04-21	590.730	3.83	-	594.560	595.110	3.83	2
UVB_002	UVBGSA-02	2024-05-04	590.490	4.07	-	594.560	595.110	4.07	2
UVB_002	UVBGSA-02	2024-05-05	590.520	4.04	-	594.560	595.110	4.04	2
UVB_002	UVBGSA-02	2024-05-12	590.360	4.20	-	594.560	595.110	4.20	2
UVB_002	UVBGSA-02	2024-05-19	589.850	4.71	-	594.560	595.110	4.71	2
UVB_002	UVBGSA-02	2024-05-26	588.790	5.77	-	594.560	595.110	5.77	2
UVB_002	UVBGSA-02	2024-06-02	587.920	6.64	-	594.560	595.110	6.64	2
UVB_002	UVBGSA-02	2024-06-09	587.430	7.13	-	594.560	595.110	7.13	2
UVB_002	UVBGSA-02	2024-06-16	587.030	7.53	-	594.560	595.110	7.53	2
UVB_002	UVBGSA-02	2024-06-23	586.740	7.82	-	594.560	595.110	7.82	2
UVB_002	UVBGSA-02	2024-06-30	586.550	8.01	-	594.560	595.110	8.01	2
UVB_002	UVBGSA-02	2024-07-07	586.440	8.12	-	594.560	595.110	8.12	2
UVB_002	UVBGSA-02	2024-07-14	586.210	8.35	-	594.560	595.110	8.35	2
UVB_002	UVBGSA-02	2024-07-21	585.930	8.63	-	594.560	595.110	8.63	2
UVB_002	UVBGSA-02	2024-07-28	585.780	8.78	-	594.560	595.110	8.78	2

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_002	UVBGSA-02	2024-08-04	585.550	9.01	-	594.560	595.110	9.01	2
UVB_002	UVBGSA-02	2024-08-11	585.320	9.24	-	594.560	595.110	9.24	2
UVB_002	UVBGSA-02	2024-08-18	585.160	9.40	-	594.560	595.110	9.40	2
UVB_002	UVBGSA-02	2024-08-25	585.080	9.48	-	594.560	595.110	9.48	2
UVB_002	UVBGSA-02	2024-09-07	585.030	9.53	-	594.560	595.110	9.53	2
UVB_002	UVBGSA-02	2024-09-14	585.160	9.40	-	594.560	595.110	9.40	2
UVB_002	UVBGSA-02	2024-09-21	585.360	9.20	-	594.560	595.110	9.20	2
UVB_002	UVBGSA-02	2024-09-28	585.580	8.98	-	594.560	595.110	8.98	2
UVB_002	UVBGSA-02	2024-09-30	585.580	8.98	-	594.560	595.110	8.98	2
UVB_005	UVBGSA-05	2023-10-01	657.660	15.62	-	673.280	673.580	15.62	1
UVB_005	UVBGSA-05	2023-10-12	657.750	15.53	-	673.280	673.580	15.53	1
UVB_005	UVBGSA-05	2023-10-18	657.820	15.46	-	673.280	673.580	15.46	1
UVB_005	UVBGSA-05	2023-10-24	657.960	15.32	-	673.280	673.580	15.32	1
UVB_005	UVBGSA-05	2023-11-04	658.010	15.27	-	673.280	673.580	15.27	1
UVB_005	UVBGSA-05	2023-11-05	658.070	15.21	-	673.280	673.580	15.21	1
UVB_005	UVBGSA-05	2023-11-18	658.250	15.03	-	673.280	673.580	15.03	1
UVB_005	UVBGSA-05	2023-11-23	658.520	14.76	-	673.280	673.580	14.76	1
UVB_005	UVBGSA-05	2023-11-29	658.470	14.81	-	673.280	673.580	14.81	1
UVB_005	UVBGSA-05	2023-12-06	658.690	14.59	-	673.280	673.580	14.59	1
UVB_005	UVBGSA-05	2023-12-11	658.870	14.41	-	673.280	673.580	14.41	1
UVB_005	UVBGSA-05	2023-12-23	659.650	13.63	-	673.280	673.580	13.63	1
UVB_005	UVBGSA-05	2023-12-30	660.020	13.26	-	673.280	673.580	13.26	1
UVB_005	UVBGSA-05	2023-12-31	660.100	13.18	-	673.280	673.580	13.18	1
UVB_005	UVBGSA-05	2024-05-04	660.650	12.63	-	673.280	673.580	12.63	1
UVB_005	UVBGSA-05	2024-05-07	660.570	12.71	-	673.280	673.580	12.71	1
UVB_005	UVBGSA-05	2024-05-12	660.400	12.88	-	673.280	673.580	12.88	1
UVB_005	UVBGSA-05	2024-05-19	660.100	13.18	-	673.280	673.580	13.18	1
UVB_005	UVBGSA-05	2024-05-27	659.940	13.34	-	673.280	673.580	13.34	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_005	UVBGSA-05	2024-06-02	659.820	13.46	-	673.280	673.580	13.46	1
UVB_005	UVBGSA-05	2024-06-09	659.660	13.62	-	673.280	673.580	13.62	1
UVB_005	UVBGSA-05	2024-06-16	659.500	13.78	-	673.280	673.580	13.78	1
UVB_005	UVBGSA-05	2024-06-23	659.300	13.98	-	673.280	673.580	13.98	1
UVB_005	UVBGSA-05	2024-06-30	659.030	14.25	-	673.280	673.580	14.25	1
UVB_005	UVBGSA-05	2024-07-07	658.850	14.43	-	673.280	673.580	14.43	1
UVB_005	UVBGSA-05	2024-07-14	658.580	14.70	-	673.280	673.580	14.70	1
UVB_005	UVBGSA-05	2024-07-21	658.530	14.75	-	673.280	673.580	14.75	1
UVB_005	UVBGSA-05	2024-07-28	658.360	14.92	-	673.280	673.580	14.92	1
UVB_005	UVBGSA-05	2024-08-04	658.240	15.04	-	673.280	673.580	15.04	1
UVB_005	UVBGSA-05	2024-08-11	658.100	15.18	-	673.280	673.580	15.18	1
UVB_005	UVBGSA-05	2024-08-18	657.990	15.29	-	673.280	673.580	15.29	1
UVB_005	UVBGSA-05	2024-08-28	658.090	15.19	-	673.280	673.580	15.19	1
UVB_005	UVBGSA-05	2024-09-01	658.020	15.26	-	673.280	673.580	15.26	1
UVB_005	UVBGSA-05	2024-09-10	657.940	15.34	-	673.280	673.580	15.34	1
UVB_005	UVBGSA-05	2024-09-15	657.860	15.42	-	673.280	673.580	15.42	1
UVB_005	UVBGSA-05	2024-09-23	657.780	15.50	-	673.280	673.580	15.50	1
UVB_006	UVBGSA-06d	2023-10-03	703.850	43.60	-	747.450	747.960	43.60	2
UVB_006	UVBGSA-06d	2023-10-10	703.900	43.55	-	747.450	747.960	43.55	2
UVB_006	UVBGSA-06d	2023-10-21	703.880	43.57	-	747.450	747.960	43.57	2
UVB_006	UVBGSA-06d	2023-10-28	704.080	43.37	-	747.450	747.960	43.37	2
UVB_006	UVBGSA-06d	2023-11-04	704.240	43.21	-	747.450	747.960	43.21	2
UVB_006	UVBGSA-06d	2023-11-11	704.440	43.01	-	747.450	747.960	43.01	2
UVB_006	UVBGSA-06d	2023-11-18	704.810	42.64	-	747.450	747.960	42.64	2
UVB_006	UVBGSA-06d	2023-11-24	705.020	42.43	-	747.450	747.960	42.43	2
UVB_006	UVBGSA-06d	2023-12-02	705.210	42.24	-	747.450	747.960	42.24	2
UVB_006	UVBGSA-06d	2023-12-09	705.460	41.99	-	747.450	747.960	41.99	2
UVB_006	UVBGSA-06d	2023-12-16	705.680	41.77	-	747.450	747.960	41.77	2

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_006	UVBGSA-06d	2023-12-20	706.280	41.17	-	747.450	747.960	41.17	2
UVB_006	UVBGSA-06d	2023-12-29	706.570	40.88	-	747.450	747.960	40.88	2
UVB_006	UVBGSA-06d	2024-01-06	706.820	40.63	-	747.450	747.960	40.63	2
UVB_006	UVBGSA-06d	2024-01-13	707.740	39.71	-	747.450	747.960	39.71	2
UVB_006	UVBGSA-06d	2024-01-20	708.050	39.40	-	747.450	747.960	39.40	2
UVB_006	UVBGSA-06d	2024-01-27	708.460	38.99	-	747.450	747.960	38.99	2
UVB_006	UVBGSA-06d	2024-01-29	708.590	38.86	-	747.450	747.960	38.86	2
UVB_006_2	UVBGSA-06c	2023-10-07	702.790	44.60	-	747.390	747.960	44.60	2
UVB_006_2	UVBGSA-06c	2023-10-10	703.160	44.23	-	747.390	747.960	44.23	2
UVB_006_2	UVBGSA-06c	2023-10-18	703.140	44.25	-	747.390	747.960	44.25	2
UVB_006_2	UVBGSA-06c	2023-10-28	703.300	44.09	-	747.390	747.960	44.09	2
UVB_006_2	UVBGSA-06c	2023-11-04	703.920	43.47	-	747.390	747.960	43.47	2
UVB_006_2	UVBGSA-06c	2023-11-11	704.160	43.23	-	747.390	747.960	43.23	2
UVB_006_2	UVBGSA-06c	2023-11-18	704.380	43.01	-	747.390	747.960	43.01	2
UVB_006_2	UVBGSA-06c	2023-11-23	704.770	42.62	-	747.390	747.960	42.62	2
UVB_006_2	UVBGSA-06c	2023-12-02	704.790	42.60	-	747.390	747.960	42.60	2
UVB_006_2	UVBGSA-06c	2023-12-09	705.110	42.28	-	747.390	747.960	42.28	2
UVB_006_2	UVBGSA-06c	2023-12-11	705.200	42.19	-	747.390	747.960	42.19	2
UVB_006_2	UVBGSA-06c	2023-12-23	706.830	40.56	-	747.390	747.960	40.56	2
UVB_006_2	UVBGSA-06c	2023-12-30	706.910	40.48	-	747.390	747.960	40.48	2
UVB_006_2	UVBGSA-06c	2024-01-06	707.510	39.88	-	747.390	747.960	39.88	2
UVB_006_2	UVBGSA-06c	2024-01-13	708.550	38.84	-	747.390	747.960	38.84	2
UVB_006_2	UVBGSA-06c	2024-01-20	708.910	38.48	-	747.390	747.960	38.48	2
UVB_006_2	UVBGSA-06c	2024-01-24	709.320	38.07	-	747.390	747.960	38.07	2
UVB_006_2	UVBGSA-06c	2024-01-28	709.120	38.27	-	747.390	747.960	38.27	2
UVB_006_3	UVBGSA-06b	2023-10-03	712.330	35.09	-	747.420	747.960	35.09	1
UVB_006_3	UVBGSA-06b	2023-10-08	712.320	35.10	-	747.420	747.960	35.10	1
UVB_006_3	UVBGSA-06b	2023-10-17	712.260	35.16	-	747.420	747.960	35.16	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_006_3	UVBGSA-06b	2023-10-22	712.260	35.16	-	747.420	747.960	35.16	1
UVB_006_3	UVBGSA-06b	2023-10-31	712.150	35.27	-	747.420	747.960	35.27	1
UVB_006_3	UVBGSA-06b	2023-11-05	712.160	35.26	-	747.420	747.960	35.26	1
UVB_006_3	UVBGSA-06b	2023-11-12	712.180	35.24	-	747.420	747.960	35.24	1
UVB_006_3	UVBGSA-06b	2023-11-23	712.300	35.12	-	747.420	747.960	35.12	1
UVB_006_3	UVBGSA-06b	2023-11-28	712.200	35.22	-	747.420	747.960	35.22	1
UVB_006_3	UVBGSA-06b	2023-12-06	712.250	35.17	-	747.420	747.960	35.17	1
UVB_006_3	UVBGSA-06b	2023-12-11	712.260	35.16	-	747.420	747.960	35.16	1
UVB_006_3	UVBGSA-06b	2023-12-20	712.530	34.89	-	747.420	747.960	34.89	1
UVB_006_3	UVBGSA-06b	2023-12-29	712.420	35.00	-	747.420	747.960	35.00	1
UVB_006_3	UVBGSA-06b	2024-01-06	712.410	35.01	-	747.420	747.960	35.01	1
UVB_006_3	UVBGSA-06b	2024-01-13	712.970	34.45	-	747.420	747.960	34.45	1
UVB_006_3	UVBGSA-06b	2024-01-14	712.930	34.49	-	747.420	747.960	34.49	1
UVB_006_3	UVBGSA-06b	2024-01-22	712.790	34.63	-	747.420	747.960	34.63	1
UVB_006_3	UVBGSA-06b	2024-01-31	713.120	34.30	-	747.420	747.960	34.30	1
UVB_006_3	UVBGSA-06b	2024-02-04	713.200	34.22	-	747.420	747.960	34.22	1
UVB_006_3	UVBGSA-06b	2024-02-17	713.260	34.16	-	747.420	747.960	34.16	1
UVB_006_3	UVBGSA-06b	2024-02-19	713.490	33.93	-	747.420	747.960	33.93	1
UVB_006_3	UVBGSA-06b	2024-03-01	713.830	33.59	-	747.420	747.960	33.59	1
UVB_006_3	UVBGSA-06b	2024-03-06	714.070	33.35	-	747.420	747.960	33.35	1
UVB_006_3	UVBGSA-06b	2024-03-15	714.340	33.08	-	747.420	747.960	33.08	1
UVB_006_3	UVBGSA-06b	2024-03-23	714.530	32.89	-	747.420	747.960	32.89	1
UVB_006_3	UVBGSA-06b	2024-03-29	714.850	32.57	-	747.420	747.960	32.57	1
UVB_006_3	UVBGSA-06b	2024-04-04	714.850	32.57	-	747.420	747.960	32.57	1
UVB_006_3	UVBGSA-06b	2024-04-12	714.880	32.54	-	747.420	747.960	32.54	1
UVB_006_3	UVBGSA-06b	2024-04-18	714.810	32.61	-	747.420	747.960	32.61	1
UVB_006_3	UVBGSA-06b	2024-04-22	714.860	32.56	-	747.420	747.960	32.56	1
UVB_006_3	UVBGSA-06b	2024-05-04	714.840	32.58	-	747.420	747.960	32.58	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_006_3	UVBGSA-06b	2024-05-08	714.680	32.74	-	747.420	747.960	32.74	1
UVB_006_3	UVBGSA-06b	2024-05-14	714.560	32.86	-	747.420	747.960	32.86	1
UVB_006_3	UVBGSA-06b	2024-05-20	714.410	33.01	-	747.420	747.960	33.01	1
UVB_006_3	UVBGSA-06b	2024-05-30	714.330	33.09	-	747.420	747.960	33.09	1
UVB_006_3	UVBGSA-06b	2024-06-06	714.220	33.20	-	747.420	747.960	33.20	1
UVB_006_3	UVBGSA-06b	2024-06-10	714.100	33.32	-	747.420	747.960	33.32	1
UVB_006_3	UVBGSA-06b	2024-06-16	714.010	33.41	-	747.420	747.960	33.41	1
UVB_006_3	UVBGSA-06b	2024-06-23	713.880	33.54	-	747.420	747.960	33.54	1
UVB_006_3	UVBGSA-06b	2024-07-02	713.820	33.60	-	747.420	747.960	33.60	1
UVB_006_3	UVBGSA-06b	2024-07-08	713.690	33.73	-	747.420	747.960	33.73	1
UVB_006_3	UVBGSA-06b	2024-07-15	713.540	33.88	-	747.420	747.960	33.88	1
UVB_006_3	UVBGSA-06b	2024-07-21	713.500	33.92	-	747.420	747.960	33.92	1
UVB_006_3	UVBGSA-06b	2024-07-31	713.390	34.03	-	747.420	747.960	34.03	1
UVB_006_3	UVBGSA-06b	2024-08-04	713.350	34.07	-	747.420	747.960	34.07	1
UVB_006_3	UVBGSA-06b	2024-08-11	713.230	34.19	-	747.420	747.960	34.19	1
UVB_006_3	UVBGSA-06b	2024-08-18	713.130	34.29	-	747.420	747.960	34.29	1
UVB_006_3	UVBGSA-06b	2024-08-27	713.120	34.30	-	747.420	747.960	34.30	1
UVB_006_3	UVBGSA-06b	2024-09-01	713.020	34.40	-	747.420	747.960	34.40	1
UVB_006_3	UVBGSA-06b	2024-09-08	712.940	34.48	-	747.420	747.960	34.48	1
UVB_006_4	UVBGSA-06a	2023-10-01	735.560	11.89	-	747.450	747.960	11.89	1
UVB_006_4	UVBGSA-06a	2023-10-12	735.570	11.88	-	747.450	747.960	11.88	1
UVB_006_4	UVBGSA-06a	2023-10-17	735.570	11.88	-	747.450	747.960	11.88	1
UVB_006_4	UVBGSA-06a	2023-10-24	735.590	11.86	-	747.450	747.960	11.86	1
UVB_006_4	UVBGSA-06a	2023-11-01	735.590	11.86	-	747.450	747.960	11.86	1
UVB_006_4	UVBGSA-06a	2023-11-05	735.600	11.85	-	747.450	747.960	11.85	1
UVB_006_4	UVBGSA-06a	2023-11-15	735.650	11.80	-	747.450	747.960	11.80	1
UVB_006_4	UVBGSA-06a	2023-11-23	735.950	11.50	-	747.450	747.960	11.50	1
UVB_006_4	UVBGSA-06a	2023-11-26	735.870	11.58	-	747.450	747.960	11.58	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. (continued)

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_006_4	UVBGSA-06a	2023-12-08	736.090	11.36	-	747.450	747.960	11.36	1
UVB_006_4	UVBGSA-06a	2023-12-11	736.100	11.35	-	747.450	747.960	11.35	1
UVB_006_4	UVBGSA-06a	2023-12-22	736.560	10.89	-	747.450	747.960	10.89	1
UVB_006_4	UVBGSA-06a	2023-12-30	736.620	10.83	-	747.450	747.960	10.83	1
UVB_006_4	UVBGSA-06a	2024-01-06	736.880	10.57	-	747.450	747.960	10.57	1
UVB_006_4	UVBGSA-06a	2024-01-13	737.040	10.41	-	747.450	747.960	10.41	1
UVB_006_4	UVBGSA-06a	2024-01-15	737.280	10.17	-	747.450	747.960	10.17	1
UVB_006_4	UVBGSA-06a	2024-01-24	737.360	10.09	-	747.450	747.960	10.09	1
UVB_006_4	UVBGSA-06a	2024-01-28	737.200	10.25	-	747.450	747.960	10.25	1
UVB_007	UVBGSA-07	2023-11-23	726.490	15.30	-	741.790	742.270	15.30	1
UVB_007	UVBGSA-07	2023-11-30	726.500	15.29	-	741.790	742.270	15.29	1
UVB_007	UVBGSA-07	2023-12-06	726.550	15.24	-	741.790	742.270	15.24	1
UVB_007	UVBGSA-07	2023-12-11	726.550	15.24	-	741.790	742.270	15.24	1
UVB_007	UVBGSA-07	2023-12-20	727.010	14.78	-	741.790	742.270	14.78	1
UVB_007	UVBGSA-07	2023-12-30	726.980	14.81	-	741.790	742.270	14.81	1
UVB_007	UVBGSA-07	2024-01-06	727.150	14.64	-	741.790	742.270	14.64	1
UVB_007	UVBGSA-07	2024-01-13	727.780	14.01	-	741.790	742.270	14.01	1
UVB_007	UVBGSA-07	2024-01-20	728.000	13.79	-	741.790	742.270	13.79	1
UVB_007	UVBGSA-07	2024-01-27	728.400	13.39	-	741.790	742.270	13.39	1
UVB_007	UVBGSA-07	2024-02-03	729.110	12.68	-	741.790	742.270	12.68	1
UVB_007	UVBGSA-07	2024-02-10	729.990	11.80	-	741.790	742.270	11.80	1
UVB_007	UVBGSA-07	2024-02-17	730.600	11.19	-	741.790	742.270	11.19	1
UVB_007	UVBGSA-07	2024-02-24	731.520	10.27	-	741.790	742.270	10.27	1
UVB_007	UVBGSA-07	2024-03-02	732.030	9.76	-	741.790	742.270	9.76	1
UVB_007	UVBGSA-07	2024-03-09	732.390	9.40	-	741.790	742.270	9.40	1
UVB_007	UVBGSA-07	2024-03-15	732.660	9.13	-	741.790	742.270	9.13	1
UVB_007	UVBGSA-07	2024-03-17	732.580	9.21	-	741.790	742.270	9.21	1
UVB_007	UVBGSA-07	2024-03-24	732.320	9.47	-	741.790	742.270	9.47	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_007	UVBGSA-07	2024-03-31	731.870	9.92	-	741.790	742.270	9.92	1
UVB_007	UVBGSA-07	2024-04-07	731.390	10.40	-	741.790	742.270	10.40	1
UVB_007	UVBGSA-07	2024-04-14	731.170	10.62	-	741.790	742.270	10.62	1
UVB_007	UVBGSA-07	2024-04-21	730.790	11.00	-	741.790	742.270	11.00	1
UVB_007	UVBGSA-07	2024-04-28	730.420	11.37	-	741.790	742.270	11.37	1
UVB_007	UVBGSA-07	2024-05-05	730.270	11.52	-	741.790	742.270	11.52	1
UVB_007	UVBGSA-07	2024-05-12	729.930	11.86	-	741.790	742.270	11.86	1
UVB_007	UVBGSA-07	2024-05-19	729.630	12.16	-	741.790	742.270	12.16	1
UVB_007	UVBGSA-07	2024-05-26	729.320	12.47	-	741.790	742.270	12.47	1
UVB_007	UVBGSA-07	2024-06-02	729.130	12.66	-	741.790	742.270	12.66	1
UVB_007	UVBGSA-07	2024-06-09	728.890	12.90	-	741.790	742.270	12.90	1
UVB_007	UVBGSA-07	2024-06-16	728.640	13.15	-	741.790	742.270	13.15	1
UVB_007	UVBGSA-07	2024-06-23	728.470	13.32	-	741.790	742.270	13.32	1
UVB_007	UVBGSA-07	2024-06-30	728.250	13.54	-	741.790	742.270	13.54	1
UVB_007	UVBGSA-07	2024-07-07	728.100	13.69	-	741.790	742.270	13.69	1
UVB_007	UVBGSA-07	2024-07-14	727.830	13.96	-	741.790	742.270	13.96	1
UVB_007	UVBGSA-07	2024-07-21	727.690	14.10	-	741.790	742.270	14.10	1
UVB_007	UVBGSA-07	2024-07-28	727.500	14.29	-	741.790	742.270	14.29	1
UVB_007	UVBGSA-07	2024-08-04	727.280	14.51	-	741.790	742.270	14.51	1
UVB_007	UVBGSA-07	2024-08-11	727.090	14.70	-	741.790	742.270	14.70	1
UVB_007	UVBGSA-07	2024-08-18	726.960	14.83	-	741.790	742.270	14.83	1
UVB_007	UVBGSA-07	2024-08-28	726.920	14.87	-	741.790	742.270	14.87	1
UVB_007	UVBGSA-07	2024-09-01	726.830	14.96	-	741.790	742.270	14.96	1
UVB_007	UVBGSA-07	2024-09-08	726.680	15.11	-	741.790	742.270	15.11	1
UVB_184	Ukiah Valley-34	2023-10-04	642.660	17.06	-	659.720	658.570	17.06	2
UVB_184	Ukiah Valley-34	2023-10-14	642.120	17.60	-	659.720	658.570	17.60	2
UVB_184	Ukiah Valley-34	2023-10-21	642.650	17.07	-	659.720	658.570	17.07	2
UVB_184	Ukiah Valley-34	2023-10-22	642.790	16.93	-	659.720	658.570	16.93	2

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_184	Ukiah Valley-34	2023-11-04	642.460	17.26	-	659.720	658.570	17.26	2
UVB_184	Ukiah Valley-34	2023-11-11	642.990	16.73	-	659.720	658.570	16.73	2
UVB_184	Ukiah Valley-34	2023-11-18	643.590	16.13	-	659.720	658.570	16.13	2
UVB_184	Ukiah Valley-34	2023-11-25	644.540	15.18	-	659.720	658.570	15.18	2
UVB_184	Ukiah Valley-34	2023-12-02	645.290	14.43	-	659.720	658.570	14.43	2
UVB_184	Ukiah Valley-34	2023-12-09	646.080	13.64	-	659.720	658.570	13.64	2
UVB_184	Ukiah Valley-34	2023-12-16	646.460	13.26	-	659.720	658.570	13.26	2
UVB_184	Ukiah Valley-34	2023-12-23	647.570	12.15	-	659.720	658.570	12.15	2
UVB_184	Ukiah Valley-34	2023-12-30	647.970	11.75	-	659.720	658.570	11.75	2
UVB_184	Ukiah Valley-34	2024-01-06	648.620	11.10	-	659.720	658.570	11.10	2
UVB_184	Ukiah Valley-34	2024-01-13	649.130	10.59	-	659.720	658.570	10.59	2
UVB_184	Ukiah Valley-34	2024-01-20	650.520	9.20	-	659.720	658.570	9.20	2
UVB_184	Ukiah Valley-34	2024-01-27	651.640	8.08	-	659.720	658.570	8.08	2
UVB_184	Ukiah Valley-34	2024-02-03	652.690	7.03	-	659.720	658.570	7.03	2
UVB_184	Ukiah Valley-34	2024-02-10	654.570	5.15	-	659.720	658.570	5.15	2
UVB_184	Ukiah Valley-34	2024-02-12	654.650	5.07	-	659.720	658.570	5.07	2
UVB_184	Ukiah Valley-34	2024-02-24	654.850	4.87	-	659.720	658.570	4.87	2
UVB_184	Ukiah Valley-34	2024-02-25	654.900	4.82	-	659.720	658.570	4.82	2
UVB_184	Ukiah Valley-34	2024-03-03	654.690	5.03	-	659.720	658.570	5.03	2
UVB_184	Ukiah Valley-34	2024-03-10	654.580	5.14	-	659.720	658.570	5.14	2
UVB_184	Ukiah Valley-34	2024-03-17	654.290	5.43	-	659.720	658.570	5.43	2
UVB_184	Ukiah Valley-34	2024-03-24	653.890	5.83	-	659.720	658.570	5.83	2
UVB_184	Ukiah Valley-34	2024-03-31	653.530	6.19	-	659.720	658.570	6.19	2
UVB_184	Ukiah Valley-34	2024-04-07	653.040	6.68	-	659.720	658.570	6.68	2
UVB_184	Ukiah Valley-34	2024-04-14	652.640	7.08	-	659.720	658.570	7.08	2
UVB_184	Ukiah Valley-34	2024-04-22	652.470	7.25	-	659.720	658.570	7.25	2
UVB_184	Ukiah Valley-34	2024-04-28	652.150	7.57	-	659.720	658.570	7.57	2
UVB_184	Ukiah Valley-34	2024-05-05	652.000	7.72	-	659.720	658.570	7.72	2

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_184	Ukiah Valley-34	2024-05-12	651.590	8.13	-	659.720	658.570	8.13	2
UVB_184	Ukiah Valley-34	2024-05-20	651.220	8.50	-	659.720	658.570	8.50	2
UVB_184	Ukiah Valley-34	2024-05-27	651.040	8.68	-	659.720	658.570	8.68	2
UVB_184	Ukiah Valley-34	2024-06-02	650.660	9.06	-	659.720	658.570	9.06	2
UVB_184	Ukiah Valley-34	2024-06-09	650.370	9.35	-	659.720	658.570	9.35	2
UVB_184	Ukiah Valley-34	2024-06-19	649.810	9.91	-	659.720	658.570	9.91	2
UVB_184	Ukiah Valley-34	2024-06-23	649.590	10.13	-	659.720	658.570	10.13	2
UVB_184	Ukiah Valley-34	2024-07-01	649.230	10.49	-	659.720	658.570	10.49	2
UVB_184	Ukiah Valley-34	2024-07-08	648.340	11.38	-	659.720	658.570	11.38	2
UVB_184	Ukiah Valley-34	2024-07-15	647.200	12.52	-	659.720	658.570	12.52	2
UVB_184	Ukiah Valley-34	2024-07-22	646.800	12.92	-	659.720	658.570	12.92	2
UVB_184	Ukiah Valley-34	2024-07-29	646.650	13.07	-	659.720	658.570	13.07	2
UVB_184	Ukiah Valley-34	2024-08-05	646.180	13.54	-	659.720	658.570	13.54	2
UVB_184	Ukiah Valley-34	2024-08-12	645.780	13.94	-	659.720	658.570	13.94	2
UVB_184	Ukiah Valley-34	2024-08-19	645.250	14.47	-	659.720	658.570	14.47	2
UVB_184	Ukiah Valley-34	2024-08-26	644.980	14.74	-	659.720	658.570	14.74	2
UVB_184	Ukiah Valley-34	2024-09-02	644.560	15.16	-	659.720	658.570	15.16	2
UVB_184	Ukiah Valley-34	2024-09-14	644.040	15.68	-	659.720	658.570	15.68	2
UVB_184	Ukiah Valley-34	2024-09-21	644.500	15.22	-	659.720	658.570	15.22	2
UVB_184	Ukiah Valley-34	2024-09-22	644.520	15.20	-	659.720	658.570	15.20	2
UVB_184	Ukiah Valley-34	2024-09-29	644.320	15.40	-	659.720	658.570	15.40	2
UVB_191	Ukiah WWTP-MW1	2023-10-01	563.350	12.39	-	575.740	575.740	12.39	1
UVB_191	Ukiah WWTP-MW1	2023-10-08	563.240	12.50	-	575.740	575.740	12.50	1
UVB_191	Ukiah WWTP-MW1	2023-10-18	563.160	12.58	-	575.740	575.740	12.58	1
UVB_191	Ukiah WWTP-MW1	2023-10-24	564.050	11.69	-	575.740	575.740	11.69	1
UVB_191	Ukiah WWTP-MW1	2023-11-04	564.470	11.27	-	575.740	575.740	11.27	1
UVB_191	Ukiah WWTP-MW1	2023-11-09	565.070	10.67	-	575.740	575.740	10.67	1
UVB_191	Ukiah WWTP-MW1	2023-11-18	565.650	10.09	-	575.740	575.740	10.09	1

Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_191	Ukiah WWTP-MW1	2023-11-20	565.930	9.81	-	575.740	575.740	9.81	1
UVB_191	Ukiah WWTP-MW1	2023-11-26	565.700	10.04	-	575.740	575.740	10.04	1
UVB_191	Ukiah WWTP-MW1	2023-12-08	566.500	9.24	-	575.740	575.740	9.24	1
UVB_191	Ukiah WWTP-MW1	2023-12-10	566.420	9.32	-	575.740	575.740	9.32	1
UVB_191	Ukiah WWTP-MW1	2023-12-23	569.100	6.64	-	575.740	575.740	6.64	1
UVB_191	Ukiah WWTP-MW1	2023-12-30	570.200	5.54	-	575.740	575.740	5.54	1
UVB_191	Ukiah WWTP-MW1	2024-01-06	570.860	4.88	-	575.740	575.740	4.88	1
UVB_191	Ukiah WWTP-MW1	2024-01-13	571.540	4.20	-	575.740	575.740	4.20	1
UVB_191	Ukiah WWTP-MW1	2024-01-20	571.980	3.76	-	575.740	575.740	3.76	1
UVB_191	Ukiah WWTP-MW1	2024-01-21	572.190	3.55	-	575.740	575.740	3.55	1
UVB_191	Ukiah WWTP-MW1	2024-02-02	572.630	3.11	-	575.740	575.740	3.11	1
UVB_191	Ukiah WWTP-MW1	2024-02-04	573.220	2.52	-	575.740	575.740	2.52	1
UVB_191	Ukiah WWTP-MW1	2024-02-17	572.440	3.30	-	575.740	575.740	3.30	1
UVB_191	Ukiah WWTP-MW1	2024-02-20	572.970	2.77	-	575.740	575.740	2.77	1
UVB_191	Ukiah WWTP-MW1	2024-03-02	572.790	2.95	-	575.740	575.740	2.95	1
UVB_191	Ukiah WWTP-MW1	2024-03-06	572.860	2.88	-	575.740	575.740	2.88	1
UVB_191	Ukiah WWTP-MW1	2024-03-11	572.650	3.09	-	575.740	575.740	3.09	1
UVB_191	Ukiah WWTP-MW1	2024-03-17	572.130	3.61	-	575.740	575.740	3.61	1
UVB_191	Ukiah WWTP-MW1	2024-03-29	572.330	3.41	-	575.740	575.740	3.41	1
UVB_191	Ukiah WWTP-MW1	2024-03-31	572.190	3.55	-	575.740	575.740	3.55	1
UVB_191	Ukiah WWTP-MW1	2024-04-07	571.580	4.16	-	575.740	575.740	4.16	1
UVB_191	Ukiah WWTP-MW1	2024-04-17	571.430	4.31	-	575.740	575.740	4.31	1
UVB_191	Ukiah WWTP-MW1	2024-04-21	571.200	4.54	-	575.740	575.740	4.54	1
UVB_191	Ukiah WWTP-MW1	2024-04-28	570.560	5.18	-	575.740	575.740	5.18	1
UVB_191	Ukiah WWTP-MW1	2024-05-08	570.360	5.38	-	575.740	575.740	5.38	1
UVB_191	Ukiah WWTP-MW1	2024-05-12	570.050	5.69	-	575.740	575.740	5.69	1
UVB_191	Ukiah WWTP-MW1	2024-05-19	569.400	6.34	-	575.740	575.740	6.34	1
UVB_191	Ukiah WWTP-MW1	2024-05-26	568.660	7.08	-	575.740	575.740	7.08	1

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Table 1: Groundwater elevation monitoring data collected during WY 2024 for wells included in the GSP chronic lowering of groundwater elevations monitoring network. *(continued)*

SITE_CODE	WELL_NAME	MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	RDNG_RP	layer
UVB_191	Ukiah WWTP-MW1	2024-06-02	568.070	7.67	-	575.740	575.740	7.67	1
UVB_191	Ukiah WWTP-MW1	2024-06-09	567.810	7.93	-	575.740	575.740	7.93	1
UVB_191	Ukiah WWTP-MW1	2024-06-16	567.500	8.24	-	575.740	575.740	8.24	1
UVB_191	Ukiah WWTP-MW1	2024-06-23	567.150	8.59	-	575.740	575.740	8.59	1
UVB_191	Ukiah WWTP-MW1	2024-06-30	566.790	8.95	-	575.740	575.740	8.95	1
UVB_191	Ukiah WWTP-MW1	2024-07-07	566.410	9.33	-	575.740	575.740	9.33	1
UVB_191	Ukiah WWTP-MW1	2024-07-14	566.010	9.73	-	575.740	575.740	9.73	1
UVB_191	Ukiah WWTP-MW1	2024-07-21	565.750	9.99	-	575.740	575.740	9.99	1
UVB_191	Ukiah WWTP-MW1	2024-07-28	565.360	10.38	-	575.740	575.740	10.38	1
UVB_191	Ukiah WWTP-MW1	2024-08-04	564.970	10.77	-	575.740	575.740	10.77	1
UVB_191	Ukiah WWTP-MW1	2024-08-11	564.690	11.05	-	575.740	575.740	11.05	1
UVB_191	Ukiah WWTP-MW1	2024-08-18	564.490	11.25	-	575.740	575.740	11.25	1
UVB_191	Ukiah WWTP-MW1	2024-08-25	564.340	11.40	-	575.740	575.740	11.40	1
UVB_191	Ukiah WWTP-MW1	2024-09-01	564.100	11.64	-	575.740	575.740	11.64	1
UVB_191	Ukiah WWTP-MW1	2024-09-08	563.980	11.76	-	575.740	575.740	11.76	1
UVB_191	Ukiah WWTP-MW1	2024-09-16	563.880	11.86	-	575.740	575.740	11.86	1
UVB_191	Ukiah WWTP-MW1	2024-09-24	563.880	11.86	-	575.740	575.740	11.86	1
UVB_191	Ukiah WWTP-MW1	2024-09-29	563.700	12.04	-	575.740	575.740	12.04	1

Table 2: Groundwater quality samples taken during the water year 2024 for well included in the degradation of groundwater quality monitoring network.

Well ID	Sample Date	Analyte	Result	Unit	Qualifier	MDL	RL
CA2310002_001_001	2024-06-20	Manganese	20.000	UG/L	<	20.0	2e+01
CA2300507_001_001	2023-12-22	Manganese	190.000	UG/L	=	20.0	2e+01
CA2310003_028_028	2024-07-25	Specific Conductivity	320.000	UMHOS/CM	=	20.0	2e+01
CA2310003_028_028	2024-07-25	Iron	100.000	UG/L	<	100.0	1e+02
CA2310003_028_028	2024-07-25	Manganese	20.000	UG/L	<	20.0	2e+01
CA2310003_029_029	2024-07-25	Nitrate as N	1.700	MG/L	=	0.4	4e-01
CA2310002_001_001	2024-05-16	Boron	0.360	MG/L	=	0.1	1e-01
CA2310003_028_028	2024-07-25	Boron	0.130	MG/L	=	0.1	1e-01
CA2310003_028_028	2024-07-25	Nitrate as N	0.400	MG/L	<	0.4	4e-01
CA2310002_001_001	2024-05-16	Specific Conductivity	280.000	UMHOS/CM	=	20.0	2e+01
CA2310003_029_029	2024-07-25	Specific Conductivity	320.000	UMHOS/CM	=	20.0	2e+01
CA2310002_001_001	2024-06-20	Specific Conductivity	270.000	UMHOS/CM	=	20.0	2e+01
CA2310005_004_004	2024-05-24	Specific Conductivity	290.000	UMHOS/CM	=	20.0	2e+01
CA2310002_001_001	2024-06-20	Iron	100.000	UG/L	<	100.0	1e+02
CA2310003_004_004	2024-07-25	Nitrate as N	2.200	MG/L	=	0.4	4e-01
CA2310003_029_029	2024-07-25	Manganese	20.000	UG/L	<	20.0	2e+01
CA2310003_029_029	2024-07-25	Iron	100.000	UG/L	<	100.0	1e+02
CA2310003_029_029	2024-07-25	Boron	0.420	MG/L	=	0.1	1e-01
UVBGSA-01a	2023-12-21	Boron	0.300	MG/L	=	-	2e-01
UVBGSA-01b	2023-12-21	Boron	0.290	MG/L	=	-	2e-01
UVBGSA-01c	2023-12-21	Boron	0.260	MG/L	=	-	2e-01
UVBGSA-05	2023-12-21	Boron	0.290	MG/L	=	-	2e-01
UVBGSA-06a	2023-12-20	Boron	-	MG/L	ND	-	2e-01

Table 2: Groundwater quality samples taken during the water year 2024 for well included in the degradation of groundwater quality monitoring network. (continued)

Well ID	Sample Date	Analyte	Result	Unit	Qualifier	MDL	RL
UVBGSA-06b	2023-12-20	Boron	-	MG/L	ND	-	2e-01
UVBGSA-06c	2023-12-20	Boron	-	MG/L	ND	-	2e-01
UVBGSA-06d	2023-12-20	Boron	-	MG/L	ND	-	2e-01
UVBGSA-07	2023-12-20	Boron	-	MG/L	ND	-	2e-01
UVBGSA-01a	2023-12-21	Iron	-	MG/L	ND	-	1e-01
UVBGSA-01b	2023-12-21	Iron	-	MG/L	ND	-	1e-01
UVBGSA-01c	2023-12-21	Iron	0.110	MG/L	=	-	1e-01
UVBGSA-05	2023-12-21	Iron	5.700	MG/L	=	-	1e-01
UVBGSA-06a	2023-12-20	Iron	0.300	MG/L	=	-	1e-01
UVBGSA-06b	2023-12-20	Iron	-	MG/L	ND	-	1e-01
UVBGSA-06c	2023-12-20	Iron	-	MG/L	ND	-	1e-01
UVBGSA-06d	2023-12-20	Iron	-	MG/L	ND	-	1e-01
UVBGSA-07	2023-12-20	Iron	0.220	MG/L	=	-	1e-01
UVBGSA-01a	2023-12-21	Manganese	-	MG/L	ND	-	2e-02
UVBGSA-01b	2023-12-21	Manganese	-	MG/L	ND	-	2e-02
UVBGSA-01c	2023-12-21	Manganese	0.300	MG/L	=	-	2e-02
UVBGSA-05	2023-12-21	Manganese	0.165	MG/L	=	-	2e-02
UVBGSA-06a	2023-12-20	Manganese	0.038	MG/L	=	-	2e-02
UVBGSA-06b	2023-12-20	Manganese	0.530	MG/L	=	-	2e-02
UVBGSA-06c	2023-12-20	Manganese	0.450	MG/L	=	-	2e-02
UVBGSA-06d	2023-12-20	Manganese	0.260	MG/L	=	-	2e-02
UVBGSA-07	2023-12-20	Manganese	0.650	MG/L	=	-	2e-02
UVBGSA-01a	2023-12-21	Specific Conductivity	190.000	UMHOS/CM	=	-	2e+01
UVBGSA-01b	2023-12-21	Specific Conductivity	210.000	UMHOS/CM	=	-	2e+01
UVBGSA-01c	2023-12-21	Specific Conductivity	670.000	UMHOS/CM	=	-	2e+01

Table 2: Groundwater quality samples taken during the water year 2024 for well included in the degradation of groundwater quality monitoring network. *(continued)*

Well ID	Sample Date	Analyte	Result	Unit	Qualifier	MDL	RL
UVBGSA-05	2023-12-21	Specific Conductivity	895.000	UMHOS/CM	=	-	2e+01
UVBGSA-06a	2023-12-20	Specific Conductivity	270.000	UMHOS/CM	=	-	2e+01
UVBGSA-06b	2023-12-20	Specific Conductivity	250.000	UMHOS/CM	=	-	2e+01
UVBGSA-06c	2023-12-20	Specific Conductivity	560.000	UMHOS/CM	=	-	2e+01
UVBGSA-06d	2023-12-20	Specific Conductivity	310.000	UMHOS/CM	=	-	2e+01
UVBGSA-07	2023-12-20	Specific Conductivity	230.000	UMHOS/CM	=	-	2e+01
UVBGSA-01a	2023-12-21	Nitrate as N	-	MG/L	ND	-	1e+00
UVBGSA-01b	2023-12-21	Nitrate as N	-	MG/L	ND	-	1e+00
UVBGSA-01c	2023-12-21	Nitrate as N	-	MG/L	ND	-	1e+00
UVBGSA-05	2023-12-21	Nitrate as N	-	MG/L	ND	-	1e+00
UVBGSA-06a	2023-12-20	Nitrate as N	26.000	MG/L	=	-	1e+00
UVBGSA-06b	2023-12-20	Nitrate as N	14.000	MG/L	=	-	1e+00
UVBGSA-06c	2023-12-20	Nitrate as N	-	MG/L	ND	-	1e+00
UVBGSA-06d	2023-12-20	Nitrate as N	-	MG/L	ND	-	1e+00
UVBGSA-07	2023-12-20	Nitrate as N	-	MG/L	ND	-	1e+00

References

- DWR. (2019). *Sustainable Groundwater Management Act 2019 Basin Prioritization* (p. 99). Sacramento, CA: California Department of Water Resources. Retrieved from <https://data.cnra.ca.gov/dataset/sgma-basin-prioritization/resource/ffafd27b-5e7e-4db3-b846-e7b3cb5c614c>
- U.S. Census Bureau. (2018). 2013-2017 American Community Survey 5-Year Estimates. Retrieved from https://www.dof.ca.gov/Reports/Demographic_Reports/American_Community_Survey/#ACS2017x5



UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY

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NOTICE OF BOARD MEETING

NOTICE IS HEREBY GIVEN that the Ukiah Valley Basin Groundwater Sustainability Agency (“Agency”) Board of Directors (“Board”) will hold on January 2025 Board meeting at:

10:00 AM – 12:00 PM on Thursday January 9, 2025

County of Mendocino Board of Supervisors Chambers

501 Low Gap Road Room 1010, Ukiah, CA 95482

The meeting will be held in hybrid setting where those who wish to attend virtually may do so at the following Zoom link below.

<https://us02web.zoom.us/j/81297050348?pwd=Uhdna0tGOSsybXVpajdsTHlwTjBwQT09>

Meeting ID: 812 9705 0348

Passcode: 323267

YouTube Live Stream link: <https://youtube.com/live/JNze8BnB93M?feature=share>

Topic: Ukiah Valley Basin Groundwater Sustainability Agency January 2025 Board Meeting

The public may participate digitally in meetings by sending comments to staff@ukiahvalleygroundwater.org or by clicking the link above to join the Zoom meeting, in lieu of personal attendance.

All email comment must be received by 5:00 P.M. the day prior business day (Wednesday January 8, 2025) to the meeting in order to be published online prior to the meeting.

Action Items that may require a Board vote are indicated with an * on the Agenda.



UKIAH VALLEY BASIN GROUNDWATER SUSTAINABILITY AGENCY

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Agenda

1. Call to Order and Roll Call

Vice Chair Crane called the meeting to order at 10:02 and asked for a roll call.

In-person attendance:

Vice-Chair Douglas Crane – City of Ukiah

Director Adam Gaska – Agricultural Representative

Director Chris Watt – Russian River Flood Control

Director McNerlin – Upper Russian River Water Agency

Madeline Cline – County of Mendocino

Harry Starkey – Ukiah Valley Basin GSA General Manager

Indigo Bannister – Ukiah Valley Basin GSA Staff

Blake Adams – City of Ukiah

Sean White – City of Ukiah

Virtual attendance:

Jonathan Weldon – KMTG

Lauren Jones – KMTG

Laura Foglia – Larry Walker Associates

Sean White – City of Ukiah

Audra Bardsley – Larry Walker Associates

Laura Garza Diaz – UCCE

Beth Salomone – RRFC

Laurel Marcus – CLSI

Amber Fisette – County of Mendocino

Dominic Blum-Gutierrez – DWR

Jaime Neary – Russian Riverkeeper

Monica Huettl – MendoFever

Jessica Reid –Member of the Public

Josie Slovut –Member of the Public

Absent:

Director Nevarez – Tribal Stakeholder

2. Approval of Agenda

Recommended Action: Board approve Agenda for January 9, 2025, Regular Board Meeting.



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Vice Chair Crane asked if there were any requested changes to the agenda. There was none so **Director McNerlin** motioned to accept the agenda as presented, **Director Gaska** seconded. Motion passed **5-0-1**. **Director Nevarez** was absent.

Roll Call Vote

Director Gaska – aye, **Director Watt** – aye, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

3. Public Comment on Items Not on the Agenda

None.

4. Discussion and Possible Action Items

a. Board Chair Elections

GM Starkey provided procedural insight and asked if there were any nominations. Vice Chair Crane renominated himself and moved for Director Cline as Chair [Panel 1]. Director Watt nominated Adam Gaska as Chair and Doug Crane as Vice Chair [Panel 2].

By a show of hands for each panel, Panel 1 was accepted. Director Cline as Chair and Director Crane as Vice Chair passed 3-2-1. Director Nevarez was absent.

Roll Call Vote

Director Gaska – nay, **Director Watt** – nay, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

b. Groundwater Sustainability Fee Direct Billing Threshold

GM Starkey provided context for a resolution to set a threshold for minimum total bills to be issued through the direct billing of the groundwater sustainability fee.

Recommended Action: Board adopt Resolution 2025-01 to set a threshold for minimum total bills to be issued through the direct billing of the groundwater sustainability fee.

Director McNerlin motioned to adopt Resolution 2025-01, **Director Crane** seconded. Motion passed **5-0-1**. **Director Nevarez** was absent.

Roll Call Vote

Director Gaska – aye, **Director Watt** – aye, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

c. California Department of Fish and Wildlife Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Water Study Grant Agreement

GM Starkey provided context a resolution to enter into a grant agreement with the California Department of Fish and Wildlife (CDFW) for the Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Water Study.



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Recommended Action: Board adopt Resolution 2025-02 to enter into a grant agreement with CDFW for the Upper Russian River Groundwater Dependent Ecosystem and Interconnected Surface Water Study.

Director McNerlin motioned to adopt Resolution 2025-02, **Director Crane** seconded. Motion passed **5-0-1**. **Director Nevarez** was absent.

Roll Call Vote

Director Gaska – aye, **Director Watt** – aye, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

d. FY 2024-2025 Budget Adjustment

GM Starkey provided insight into the proposed FY24-25 Budget Adjustment to incorporate grant funding and align budget with prior Board direction.

Recommended Action: Board adopt Resolution 2025-03 to accept the proposed FY 2024-25 Budget Adjustment.

Board discussion occurred on how potential transition to City of Ukiah would affect budget adjustments.

Director Crane motioned to adopt Resolution 2025-03, **Director McNerlin** seconded. Motion passed **5-0-1**. **Director Nevarez** was absent.

Roll Call Vote

Director Gaska – aye, **Director Watt** – aye, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

e. City of Ukiah Administration Services Contract

Board reviewed the proposed City of Ukiah Administration Services Contract.

Recommended Action: Board approve City of Ukiah Administration Services Contract.

Board discussion occurred around management of City of Ukiah and what is directed in the JPA. Jonathan Weldon from KMTG, who helped draft the contract, provided details on the contract and gave insight into the proposed JPA updates that will be coming later. Discussion occurred around a “Conflict of Interest” reference on page 10, paragraph Y, there is reference to a paragraph 9. Jonathan provided context and confirmed that some language did not make it into the final draft contract, but there are paragraphs that cover these topics. Clerical errors will be corrected to better disclose ‘Ownership of Documents’ and ‘Conflict of Interest’ areas.

Sean White spoke on behalf of the City of Ukiah for the inclusion or clarifying of the language in the contract.



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Director Watt motioned for Chair to work with staff to add Conflict of Interest and approve City of Ukiah Administration Services Contract through adoption of Resolution 25-04, **Director Crane** seconded. Motion passed **5-0-1**.

Director Nevarez was absent.

Roll Call Vote

Director Gaska – aye, **Director Watt** – aye, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

f. Hansford Economic Consulting Fee Setting Services Contract

GM Starkey provided context for the Board regarding the proposed Hansford Economic Consulting Fee Setting Services Contract. Their contract expired December 31, 2024. The new contract also includes an additional \$24,000.

Recommended Action: Board approve Hansford Economic Consulting Fee Setting Services Contract.

Director Crane motioned to approve Hansford Economic Consulting Fee Setting Services Contract, **Director McNerlin** seconded. Motion passed **5-0-1**.

Director Nevarez was absent.

Roll Call Vote

Director Gaska – aye, **Director Watt** – aye, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

g. Monitoring and Water Year 2024 Annual Report

GSA staff and LWA updated the Board on the results from water quality monitoring in Fall 2024 and next steps for the Water Year 2024 Annual Report.

Audra Bardsely with LWA presented on preparations for the 2024 Annual Report. Overall, the Basin appears to be in good condition. LWA is preparing draft annual report which is anticipated to be ready by February 24 ahead of the March 5 TAC Meeting.

Director Crane and McNerlin commented that the GSA needs to continue to be aware that state regulation established need for the GSA and that is it overall in good condition and that there is a need to continue to advocate for re-prioritization. GSA staff commented that the Small GSA Coalition is advocating for that, and that staff will continue to advocate for that.

Laurel Marcus asked for clarification on how agricultural groundwater use is estimated. Laura Foglia commented that updates to this are upcoming and just will not be ready yet for the Water Year 2024 Annual Report.



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h. Upcoming Potential Joint Powers Agreement Amendments

GSA staff and Counsel updated the Board on the need for upcoming potential Joint Powers Agreement (JPA) Amendments to update the JPA with the potential removal of Upper Russian River Water Agency as a member agency and inclusion of the Ukiah Valley Water Authority as a member agency. Counsel also presented on the potential to revise the JPA to expand the Boards authority to appoint any member agency as Treasurer and Controller.

Jonathan Weldon (KMTG) provided an update on the potential needs for JPA amendments. The Upper Russian River Water Agency (URRWA) is disbanding as a public agency meaning they will no longer exist. This is very relevant for this GSA because they are a member of the GSA, which operates under a Joint Powers Authority. Counsel is recommending that the Upper Russian River Water Agency provide 60-day notice of their withdrawal from the GSA. This edit can happen in conjunction to adding the Ukiah Valley Water Authority (UVWA) as a member agency and to modify the JPA language to allow the GSA to appoint any member agency as Treasurer and Controller.

Sean White added that timing of this disbandment is unknown. He also clarified that the Board should consider that no agency that is a member of UVWA have a seat on the GSA Board if they have one already.

Director McNerlin and Director Watt commented that would request that potential UVWA member not be a member agency that has an additional seat on the Board (either City of Ukiah or otherwise). Beth Salomone mentioned that when GSA was established Russian River Flood Control was a member of URRWA and had its own independent seat.

5. Consent Items

Recommended Action: Board adoption of the consent items in one motion.

- a. *Approval of Minutes from October 10, 2024, Board Meeting*
- b. *Approval of Financial Report of FY 2024/2025 through November 30, 2024*

Director Watt motioned to approve consent calendar with minor edits to final minutes, **Director Gaska** seconded. Motion passed **5-0-1**.

Director Nevarez was absent.

Roll Call Vote

Director Gaska – aye, **Director Watt** – aye, **Director Crane** – aye, **Director Cline** – aye, **Director McNerlin** – aye, **Director Nevarez** – absent

6. Staff and GSA Partner Updates

- a. Updates from General Manager

Board received updates from General Manger on GSA matters.



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Harry Starkey commented that will be launching the RFP for the ISW study and that this will be the West Yost staffs last meeting leading the GSA meetings. Indigo Bannister reminded Board of new FPPC filing requirements.

b. Updates from GSA Legal Counsel

Board received updates from GSA Legal Counsel on legislation and other matters.

Jonathan Weldon provided general update and thanked West Yost for a collaborative working relationship.

c. Updates from DWR and SWRCB Representative

Board received updates from local DWR and/or SWRCB representative.

Dominic Blum-Gutierrez provided some brief updates: 10 years of SGMA, Technical Assistance Program for Underrepresented communities, ISW-GDE guidance papers 2 and 3 released, basin characterization exchange program coming soon, annual updates to cropping data, update to subsidence data is released.

Director Gaska asked what's the easiest way for our producers to update cropping data, especially given the condition of the wine industry? Is it easier to go through our own County or through DWR to relieve themselves from the fees from GSA?

Dominic's answer: There are a couple of things to say. While we know you are using it for fees and that other agencies do the same, that's not the intent of this data. It's a scientific data set gathered from satellites, with Land IQ contracted to take data from NASA satellites and run it through algorithms to characterize crops. Our staff scientists refine the data, which might differ from what other Land IQ customers have. It's extensive QA QC process, looking at multi-cropping. Farmers don't need to act; satellites will pick up the changes. However, there's a lag; 2023 data will be available at the end of 2024. We updated our Land IQ contract for five years, ensuring we continue to provide data.

d. Updates from GSA Partners on Local Projects

Board received status updates of Project and Management Actions ("PMAs") that GSA Partners are currently implementing.

Laura Garza Diaz, UCCE, presented a brief update on "Inventory on Agricultural Consumptive Use for the Ukiah Valley Basin GSA". Seeking funding for portions or all the proposal. Hoping GSA could be financial contributor. Seeking \$140,000 for 3 years or \$100,000 for 2 years for equipment. Staff time is covered by UCCE.

Proposal Objective: UCC aims to update the 2008 inventory on agricultural consumptive use for the Ukiah Valley Basin, which is nearly two decades old. This update will refine the model of agricultural water demands and align with the Sustainable Groundwater Management Act (SGMA) monitoring requirements.



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Study Objectives:

- Estimate agricultural water use through direct in-field measurements, including irrigation, evapotranspiration using soil sensors, and weather stations, rather than relying on satellite-based models.
- Analyze changes in viticulture and pear acreages, including their irrigation sources (surface water vs. groundwater).
- Assess the impacts of droughts and wet conditions in the Basin, with specific reference to the 2014 and 2020 droughts.

Team and Experimental Study: The UCC team comprises three advisers: a viticulture adviser, a water and soil adviser, and a water and climate change adviser. They have designed a two- to three-year experimental study across 12 field stations throughout the Basin, involving the installation of equipment, soil sensors, weather stations, and conducting interviews.

Funding and Support: UCC is actively seeking funding to support this project, with an estimated budget of \$140,000 for three years. They are exploring the possibility of funding from the GSA (Groundwater Sustainability Agency) or its endorsement for other funding sources.

The UCC team is looking for feedback from the GSA and other partners, as well as ideas for potential funding sources to start this project.

7. Future Agenda Items
8. Adjournment at 11:41

The Ukiah Valley Basin Groundwater Sustainability Agency complies with Americans with Disabilities Act (ADA) requirements and upon request, will attempt to reasonably accommodate individuals with disabilities by making meeting material available in appropriate alternative formats (pursuant to Government Code Section 54953.2). Anyone requiring reasonable accommodation to participate in the meeting should contact the Mendocino County Executive Office by calling (707) 463-4441 at least five days prior to the meeting.

Please reference the Mendocino County website to obtain additional information for the Ukiah Valley Basin Groundwater Sustainability Agency: <https://ukiahvalleygroundwater.org/>