Corning Sub-basin GSA Committee
Meeting Materials

March 28, 2024 | 2:00 p.m.

Glenn-Colusa Irrigation District Main Pump Station
7854 County Road 203, Orland, CA 95963

Alternate Meeting Location:
1177 Magnolia Ave., Larkspur, CA 94939

Remote Public Participation Option:
Microsoft Teams meeting
Join on your computer, mobile app or room device
Click here to join the meeting
Meeting ID: 285 495 149 395
Passcode: fe2pKr
Download Teams | Join on the web
Or call in (audio only)
+1 323-676-6164,,840560322# United States, Los Angeles
Phone Conference ID: 840 560 322#
Find a local number | Reset PIN
Learn More | Meeting options

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1. **Call to Order**

   The Chair will call the meeting to order.

2. **Roll Call**

   Staff will conduct roll call.

3. **Meeting Minutes**

   a. *Approval of February 22, 2024 meeting minutes.

   Draft meeting minutes for the February 22, 2024 meeting are being prepared and will be distributed under separate cover once available.

   Attachments:

   - February 22, 2024 meeting minutes

4. Period of Public Comment

Members of the public are encouraged to address the Corning Sub-basin GSA Committee. Public comment will be limited to three minutes. No action will be taken on items under public comment.

5. Staff Reports

Staff from members of the Corning Sub-basin GSA will provide relevant updates, such as a brief status update of GSP implementation, grant agreements, and project agreements. Reminders and clarifications may be made, and direction may be provided to staff.

6. Financial Report

a. *Review and accept financial reports.

b. *Review and consider approval of claims.

The transaction listing, budget to actuals, balance sheet, and claims summary are attached.

Attachments:

- Balance Sheet (January 2024)
- Budget to Actuals (January 2024)
- Transaction Listing (January 2024)
- Balance Sheet (Draft February 2024)
- Budget to Actuals (Draft February 2024)
- Transaction Listing (Draft February 2024)
- Claims Summary

COUNTY OF GLENN
General Ledger Summary
Balance Sheet Accounts
For the Period Ending:
Jan 31, 2024

Organization Key: 04797000 - CORNING SUB-BASIN GRNDWTR SA

Object Type	Object Group Description	Object Code	Balance
ASSETS			
	CURRENT ASSETS		
		00100 - CASH IN TREASURY	196,747.17
	CURRENT ASSETS - Summary		**$196,747.17**
AS - Summary			**$196,747.17**
FUND EQUITY			
	FUND EQUITY		
		00974 - UNRESERVED RETAINED EARNINGS	32,814.97
	FUND EQUITY - Summary		**$32,814.97**
	BUDGETARY ACCOUNTS		
		00997 - ESTIMATED REVENUES	(352,884.00)
		00999 - APPROPRIATIONS	352,884.00
	BUDGETARY ACCOUNTS - Summary		**$0.00**
FB - Summary			**$32,814.97**

COUNTY OF GLENN
General Ledger Summary
Budget to Actuals
For the period Ending:
Jan 31, 2024

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
04797000 - CORNING SUB-BASIN GRNDWTR SA							
	REVENUES						
		USE OF MONEY & PROPERTY					
			44300 INTEREST	0.00	356.81	(356.81)	0.00%
		USE OF MONEY & PROPERTY - Summary		**$0.00**	**$356.81**	**($356.81)**	**/0**
		INTERGOVERNMENTAL REVENUE					
			56200 OTHER GOVT AGENCIES	0.00	0.00	0.00	0.00%
		INTERGOVERNMENTAL REVENUE - Summary		**$0.00**	**$0.00**	**$0.00**	**/0**
		CHARGES FOR CURRENT SERVICES					
			61152 SPECIAL ASSESSMENT	352,884.00	179,077.51	173,806.49	50.75%
		CHARGES FOR CURRENT SERVICES - Summary		**$352,884.00**	**$179,077.51**	**$173,806.49**	**50.75%**
	RV - Summary			**$352,884.00**	**$179,434.32**	**$173,449.68**	**50.85%**
	EXPENDITURES						
		SERVICES & SUPPLIES					
			03150 INSURANCE	2,000.00	0.00	2,000.00	0.00%
			03220 OFFICE EXPENSE	3,000.00	0.00	3,000.00	0.00%
			03230 PROFESSIONAL SERVICES	314,950.00	13,919.25	301,030.75	4.42%
			03240 PUBLICATIONS	1,000.00	124.80	875.20	12.48%
		SERVICES & SUPPLIES - Summary		**$320,950.00**	**$14,044.05**	**$306,905.95**	**4.38%**
		OTHER CHARGES					
			05700 ADMINISTRATIVE EXPENSE	9,000.00	1,458.07	7,541.93	16.20%
		OTHER CHARGES - Summary		**$9,000.00**	**$1,458.07**	**$7,541.93**	**16.20%**
		CONTINGENCY					

COUNTY OF GLENN
General Ledger Summary
Budget to Actuals
For the period Ending:
Jan 31, 2024

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
			09900 CONTINGENCY	22,934.00	0.00	22,934.00	0.00%
		CONTINGENCY	**- Summary**	**$22,934.00**	**$0.00**	**$22,934.00**	**0.00%**
	XP - Summary			**$352,884.00**	**$15,502.12**	**$337,381.88**	**4.39%**
Net Return/ (Cost)				**$0.00**	**$163,932.20**	**($163,932.20)**	**4.39%**

SORT ORDER: SUB-SUB within ORG KEY

SELECT ORGANIZATION KEY: 04797000

Lg	UNIQUE ACCOUNT	Primary Ref	Transaction Description	SS	Ref Date	Job No	Debit	Credit	NET
GL	04797000-00100	JE242010	AutoID: JE004263 Job: 2432685	JE	01/12/24	02432685	177,619.44	0.00	177,619.44
******Total *SUBS 00100			CASH IN TREASURY			DR	177,619.44	0.00	177,619.44
GL	04797000-05700	JE242010	CY SECURED APPN 12/29/23	JE	01/12/24	02432685	1,458.07	0.00	1,458.07
******Total *SUBS 05700			ADMINISTRATIVE EXPENSE			DR	1,458.07	0.00	1,458.07
GL	04797000-61152	JE242010	CY SECURED APPN 12/29/23	JE	01/12/24	02432685	0.00	179,077.51	179,077.51
******Total *SUBS 61152			SPECIAL ASSESSMENT			CR	0.00	179,077.51	179,077.51
******Total *KEY 04797000			CORNING SUB-BASIN GRNDWTR SA			DR-CR	179,077.51	179,077.51	0.00
			** G R A N D T O T A L **			DR-CR	179,077.51	179,077.51	0.00

COUNTY OF GLENN
General Ledger Summary
Balance Sheet Accounts
For the Period Ending:
Feb 29, 2024

Organization Key: 04797000 - CORNING SUB-BASIN GRNDWTR SA

Object Type	Object Group Description	Object Code	Balance
ASSETS			
	CURRENT ASSETS		
		00100 - CASH IN TREASURY	185,446.56
	CURRENT ASSETS - Summary		**$185,446.56**
AS - Summary			**$185,446.56**
FUND EQUITY			
	FUND EQUITY		
		00974 - UNRESERVED RETAINED EARNINGS	32,814.97
	FUND EQUITY - Summary		**$32,814.97**
	BUDGETARY ACCOUNTS		
		00997 - ESTIMATED REVENUES	(352,884.00)
		00999 - APPROPRIATIONS	352,884.00
	BUDGETARY ACCOUNTS - Summary		**$0.00**
FB - Summary			**$32,814.97**

COUNTY OF GLENN
General Ledger Summary
Budget to Actuals
For the period Ending:
Feb 29, 2024

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
04797000 - CORNING SUB-BASIN GRNDWTR SA							
	REVENUES						
		USE OF MONEY & PROPERTY					
			44300 INTEREST	0.00	356.81	(356.81)	0.00%
		USE OF MONEY & PROPERTY - Summary		**$0.00**	**$356.81**	**($356.81)**	**/0**
		INTERGOVERNMENTAL REVENUE					
			56200 OTHER GOVT AGENCIES	0.00	0.00	0.00	0.00%
		INTERGOVERNMENTAL REVENUE - Summary		**$0.00**	**$0.00**	**$0.00**	**/0**
		CHARGES FOR CURRENT SERVICES					
			61152 SPECIAL ASSESSMENT	352,884.00	179,077.51	173,806.49	50.75%
		CHARGES FOR CURRENT SERVICES - Summary		**$352,884.00**	**$179,077.51**	**$173,806.49**	**50.75%**
	RV - Summary			**$352,884.00**	**$179,434.32**	**$173,449.68**	**50.85%**
	EXPENDITURES						
		SERVICES & SUPPLIES					
			03150 INSURANCE	2,000.00	0.00	2,000.00	0.00%
			03220 OFFICE EXPENSE	3,000.00	0.00	3,000.00	0.00%
			03230 PROFESSIONAL SERVICES	314,950.00	25,219.86	289,730.14	8.01%
			03240 PUBLICATIONS	1,000.00	124.80	875.20	12.48%
		SERVICES & SUPPLIES - Summary		**$320,950.00**	**$25,344.66**	**$295,605.34**	**7.90%**
		OTHER CHARGES					
			05700 ADMINISTRATIVE EXPENSE	9,000.00	1,458.07	7,541.93	16.20%
		OTHER CHARGES - Summary		**$9,000.00**	**$1,458.07**	**$7,541.93**	**16.20%**
		CONTINGENCY					

COUNTY OF GLENN
General Ledger Summary
Budget to Actuals
For the period Ending:
Feb 29, 2024

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
			09900 CONTINGENCY	22,934.00	0.00	22,934.00	0.00%
		CONTINGENCY	**- Summary**	**$22,934.00**	**$0.00**	**$22,934.00**	**0.00%**
	XP - Summary			**$352,884.00**	**$26,802.73**	**$326,081.27**	**7.60%**
Net Return/ (Cost)				**$0.00**	**$152,631.59**	**($152,631.59)**	**7.60%**

Glenn County Short [T R A N S A C T I O N L I S T I N G] 02/01/2024 - 02/29/2024 Page 1
THU, MAR 21, 2024, 2:18 PM --req: KMURRAY---leg: GL JL--loc: ONSITE----job:2506174 J059-----prog: GL440 <1.61>--report id: GLFLTR02

SORT ORDER: SUB-SUB within ORG KEY

SELECT ORGANIZATION KEY: 04797000

Lg	UNIQUE ACCOUNT	Primary Ref	Transaction Description	SS	Ref Date	Job No	Debit	Credit	NET
GL	04797000-00100	TTLOH	AutoID:Total Job:2452375	OH	02/07/24	02452375	0.00	11,300.61	-11,300.61
******Total *SUBS 00100			CASH IN TREASURY			DR	0.00	11,300.61	-11,300.61
GL	04797000-00670	TTLOH	AutoID:OH011573 Job:2452351	OH	02/07/24	02452351	0.00	11,300.61	11,300.61
GL	04797000-00670	TTLOH	AutoID:Total Job:2452375	OH	02/07/24	02452375	11,300.61	0.00	0.00
******Total *SUBS 00670			CHECKS PAYABLE			CR	11,300.61	11,300.61	0.00
GL	04797000-03230	CSGSA-2414	PARIS KINCAID W A# 3400 PARIS	OH	02/07/24	02452351	480.00	0.00	480.00
GL	04797000-03230	CSGSA-40436	LUHDORFF AND SC A#221097 LUH &	OH	02/07/24	02452351	6,470.61	0.00	6,950.61
GL	04797000-03230	CSGSA-40529	LUHDORFF AND SC A#221097 LUH &	OH	02/07/24	02452351	1,575.00	0.00	8,525.61
GL	04797000-03230	CSGSA-40661	LUHDORFF AND SC A#221097 LUH &	OH	02/07/24	02452351	1,350.00	0.00	9,875.61
GL	04797000-03230	CSGSA-40816	LUHDORFF AND SC A#221097 LUH &	OH	02/07/24	02452351	1,425.00	0.00	11,300.61
******Total *SUBS 03230			PROFESSIONAL SERVICES			DR	11,300.61	0.00	11,300.61
******Total *KEY 04797000			CORNING SUB-BASIN GRNDWTR SA			DR-CR	22,601.22	22,601.22	0.00
			** G R A N D T O T A L **			DR-CR	22,601.22	22,601.22	0.00

Claims Summary

Corning Sub-basin GSA
Invoices to be paid
Meeting Date: March 28, 2024

Invoice Date	Invoice Number	Description	Amount
3/1/2024	2451	Paris Kincaid Wasiewski LLP	$ 2,280.00
3/11/2024	L241129395	CliftonLarsonAllen LLP	$ 1,100.00
3/14/2024	INV-003146	Golden State Risk Management Authority	$ 719.00
Total			$ 4,099.00

7. *Authorize Staff to submit Application for Employer Identification Number

In April 2023, discussed applying for an Employer Identification Number. At that time, the CSGSA desired further discussion and tabled the item. The standard form is attached. Staff is requesting authorization to complete and submit the application on behalf of the CSGSA.

Attachments:

- Application for Employer Identification Number Form SS-4

Form **SS-4**
(Rev. December 2019)
Department of the Treasury
Internal Revenue Service

Application for Employer Identification Number

(For use by employers, corporations, partnerships, trusts, estates, churches, government agencies, Indian tribal entities, certain individuals, and others.)
► Go to *www.irs.gov/FormSS4* for instructions and the latest information.
► See separate instructions for each line. ► Keep a copy for your records.

OMB No. 1545-0003

EIN

Type or print clearly.

1 Legal name of entity (or individual) for whom the EIN is being requested

2 Trade name of business (if different from name on line 1)

3 Executor, administrator, trustee, "care of" name

4a Mailing address (room, apt., suite no. and street, or P.O. box)

5a Street address (if different) (Don't enter a P.O. box.)

4b City, state, and ZIP code (if foreign, see instructions)

5b City, state, and ZIP code (if foreign, see instructions)

6 County and state where principal business is located

7a Name of responsible party

7b SSN, ITIN, or EIN

8a Is this application for a limited liability company (LLC) (or a foreign equivalent)? . . . . . ☐ Yes ☐ No

8b If 8a is "Yes," enter the number of LLC members . . . . . ►

8c If 8a is "Yes," was the LLC organized in the United States? . . . . . ☐ Yes ☐ No

9a **Type of entity** (check only one box). **Caution:** If 8a is "Yes," see the instructions for the correct box to check.

- ☐ Sole proprietor (SSN) _____
- ☐ Partnership
- ☐ Corporation (enter form number to be filed) ► _____
- ☐ Personal service corporation
- ☐ Church or church-controlled organization
- ☐ Other nonprofit organization (specify) ► _____
- ☐ Other (specify) ►
- ☐ Estate (SSN of decedent) _____
- ☐ Plan administrator (TIN) _____
- ☐ Trust (TIN of grantor) _____
- ☐ Military/National Guard ☐ State/local government
- ☐ Farmers' cooperative ☐ Federal government
- ☐ REMIC ☐ Indian tribal governments/enterprises

Group Exemption Number (GEN) if any ►

9b If a corporation, name the state or foreign country (if applicable) where incorporated | State | Foreign country

10 **Reason for applying** (check only one box)

- ☐ Started new business (specify type) ► _____
- ☐ Hired employees (Check the box and see line 13.)
- ☐ Compliance with IRS withholding regulations
- ☐ Other (specify) ►
- ☐ Banking purpose (specify purpose) ► _____
- ☐ Changed type of organization (specify new type) ► _____
- ☐ Purchased going business
- ☐ Created a trust (specify type) ► _____
- ☐ Created a pension plan (specify type) ► _____

11 Date business started or acquired (month, day, year). See instructions.

12 Closing month of accounting year

13 Highest number of employees expected in the next 12 months (enter -0- if none). If no employees expected, skip line 14.

Agricultural	Household	Other

14 If you expect your employment tax liability to be $1,000 or less in a full calendar year **and** want to file Form 944 annually instead of Forms 941 quarterly, check here. (Your employment tax liability generally will be $1,000 or less if you expect to pay $5,000 or less in total wages.) If you don't check this box, you must file Form 941 for every quarter. ☐

15 First date wages or annuities were paid (month, day, year). **Note:** If applicant is a withholding agent, enter date income will first be paid to nonresident alien (month, day, year) . . . . . ►

16 Check **one** box that best describes the principal activity of your business.

☐ Construction ☐ Rental & leasing ☐ Transportation & warehousing ☐ Health care & social assistance ☐ Accommodation & food service ☐ Wholesale-agent/broker ☐ Wholesale-other ☐ Retail
☐ Real estate ☐ Manufacturing ☐ Finance & insurance ☐ Other (specify) ►

17 Indicate principal line of merchandise sold, specific construction work done, products produced, or services provided.

18 Has the applicant entity shown on line 1 ever applied for and received an EIN? ☐ Yes ☐ No

If "Yes," write previous EIN here ►

Third Party Designee

Complete this section **only** if you want to authorize the named individual to receive the entity's EIN and answer questions about the completion of this form.

Designee's name | Designee's telephone number (include area code)

Address and ZIP code | Designee's fax number (include area code)

Under penalties of perjury, I declare that I have examined this application, and to the best of my knowledge and belief, it is true, correct, and complete.

Name and title (type or print clearly) ► | Applicant's telephone number (include area code)

Signature ► Date ► | Applicant's fax number (include area code)

Do I Need an EIN?

File Form SS-4 if the applicant entity doesn't already have an EIN but is required to show an EIN on any return, statement, or other document.[1] See also the separate instructions for each line on Form SS-4.

IF the applicant...	AND...	THEN...
started a new business	doesn't currently have (nor expect to have) employees	complete lines 1, 2, 4a–8a, 8b–c (if applicable), 9a, 9b (if applicable), and 10–14 and 16–18.
hired (or will hire) employees, including household employees	doesn't already have an EIN	complete lines 1, 2, 4a–6, 7a–b, 8a, 8b–c (if applicable), 9a, 9b (if applicable), 10–18.
opened a bank account	needs an EIN for banking purposes only	complete lines 1–5b, 7a–b, 8a, 8b–c (if applicable), 9a, 9b (if applicable), 10, and 18.
changed type of organization	either the legal character of the organization or its ownership changed (for example, you incorporate a sole proprietorship or form a partnership)[2]	complete lines 1–18 (as applicable).
purchased a going business[3]	doesn't already have an EIN	complete lines 1–18 (as applicable).
created a trust	the trust is other than a grantor trust or an IRA trust[4]	complete lines 1–18 (as applicable).
created a pension plan as a plan administrator[5]	needs an EIN for reporting purposes	complete lines 1, 3, 4a–5b, 7a–b, 9a, 10, and 18.
is a foreign person needing an EIN to comply with IRS withholding regulations	needs an EIN to complete a Form W-8 (other than Form W-8ECI), avoid withholding on portfolio assets, or claim tax treaty benefits[6]	complete lines 1–5b, 7a–b (SSN or ITIN as applicable), 8a, 8b–c (if applicable), 9a, 9b (if applicable), 10, and 18.
is administering an estate	needs an EIN to report estate income on Form 1041	complete lines 1–7b, 9a, 10–12, 13–17 (if applicable), and 18.
is a withholding agent for taxes on nonwage income paid to an alien (that is, individual, corporation, or partnership, etc.)	is an agent, broker, fiduciary, manager, tenant, or spouse who is required to file Form 1042, Annual Withholding Tax Return for U.S. Source Income of Foreign Persons	complete lines 1, 2, 3 (if applicable), 4a–5b, 7a–b, 8a, 8b–c (if applicable), 9a, 9b (if applicable), 10, and 18.
is a state or local agency	serves as a tax reporting agent for public assistance recipients under Rev. Proc. 80-4, 1980-1 C.B. 581[7]	complete lines 1, 2, 4a–5b, 7a–b, 9a, 10, and 18.
is a single-member LLC (or similar single-member entity)	needs an EIN to file Form 8832, Entity Classification Election, for filing employment tax returns and excise tax returns, or for state reporting purposes[8], or is a foreign-owned U.S. disregarded entity and needs an EIN to file Form 5472, Information Return of a 25% Foreign-Owned U.S. Corporation or a Foreign Corporation Engaged in a U.S. Trade or Business	complete lines 1–18 (as applicable).
is an S corporation	needs an EIN to file Form 2553, Election by a Small Business Corporation[9]	complete lines 1–18 (as applicable).

[1] For example, a sole proprietorship or self-employed farmer who establishes a qualified retirement plan, or is required to file excise, employment, alcohol, tobacco, or firearms returns, must have an EIN. A partnership, corporation, REMIC (real estate mortgage investment conduit), nonprofit organization (church, club, etc.), or farmers' cooperative must use an EIN for any tax-related purpose even if the entity doesn't have employees.

[2] However, don't apply for a new EIN if the existing entity only (a) changed its business name, (b) elected on Form 8832 to change the way it is taxed (or is covered by the default rules), or (c) terminated its partnership status because at least 50% of the total interests in partnership capital and profits were sold or exchanged within a 12-month period. The EIN of the terminated partnership should continue to be used. See Regulations section 301.6109-1(d)(2)(iii).

[3] Don't use the EIN of the prior business unless you became the "owner" of a corporation by acquiring its stock.

[4] However, grantor trusts that don't file using Optional Method 1 and IRA trusts that are required to file Form 990-T, Exempt Organization Business Income Tax Return, must have an EIN. For more information on grantor trusts, see the Instructions for Form 1041.

[5] A plan administrator is the person or group of persons specified as the administrator by the instrument under which the plan is operated.

[6] Entities applying to be a Qualified Intermediary (QI) need a QI-EIN even if they already have an EIN. See Rev. Proc. 2000-12.

[7] See also *Household employer agent* in the instructions. **Note:** State or local agencies may need an EIN for other reasons, for example, hired employees.

[8] See *Disregarded entities* in the instructions for details on completing Form SS-4 for an LLC.

[9] An existing corporation that is electing or revoking S corporation status should use its previously-assigned EIN.

8. Corning Sub-basin Groundwater Sustainability Agency (CSGSA) Operations and GSP Implementation Fees

a. Discussion on CSGSA Fee Policy and Variance Process.

At the January 25, 2024 meeting, there was a lengthy discussion on potential updates to the CSGSA Fee Policy including the addition of a variance process. At the February 22, 2024 meeting, the CSGSA held additional discussion and confirmed key points to include in a draft revised policy. Staff and counsel have prepared a draft revised fee policy for the CSGSA to discuss and provide additional input.

Additional updates may be provided.

Attachments:

- Draft Revised CSGSA Fee Policy

Corning Sub-basin Groundwater Sustainability Agency
Fee Policy

SECTION 1 – INTRODUCTION AND PURPOSE

Introduction

The Corning Sub-basin Groundwater Sustainability Agency (CSGSA) ~~is~~ developed~~ing its~~ long-term fees in 2023 to fund GSA Administration, GSP Implementation and SGMA compliance costs for the FY23-24 through FY27-28 period. The CSGSA ~~is~~ approved~~ing~~ a~~n~~ ~~new~~ Irrigated/Non-Irrigated fee structure to achieve more equity for those subject to the fee. The CSGSA ~~needs to~~ developed an associated fee policy to ensure equitable billing for services received.

Purpose

This is a policy document developed by the CSGSA to implement the ~~new~~ Irrigated/Non-Irrigated fee structure approved in 2023. The purpose of this policy is to ensure that each parcel subject to the fee is properly classified into the correct user class and charged the correct fee amount on a per acre and annual basis based on the unique user class fees. The policy recognizes that the manner in which each parcel is charged under the new fees needs to be clearly defined to ensure landowners understand the fee, to promote consistency in fee determination, and simplify any potential reclassification of parcels into the correct user class for accurate fee purposes.

Adopted Irrigated/Non-Irrigated Fees

The new 2023 CSGSA ~~proposed~~ fees include three user classes: Non-Irrigated, Irrigated-Surface Water, and Irrigated-Groundwater. Each fee has a unique per acre per year fee which reflects the respective benefit of CSGSA services. Appendix A includes the ~~proposed r~~Resolution approving the ~~new~~ CSGSA 2023 fees.

SECTION 2 – USER CLASS DEFINITIONS

The CSGSA ~~is~~ developed~~ing~~ its long-term fees in 2023 to recover adequate revenues to achieve SGMA compliance for all landowners in the service area. The three (3) distinct user classes are defined below. Initial designations include a single user classification per parcel.

Fee User Class Definitions

Non-Irrigated User Class: Includes parcels within the CSGSA service area that open space, natural habitat, vacant, dry land farmed or rangeland. Parcels included in this user class have no groundwater wells or wells used only for minimal domestic use on large parcels consisting of 5 acres or more.

Irrigated-Surface Water User Class: Includes parcels within the CSGSA service area that use surface water primarily which may include parcels within the surface water provider service area or have individual water rights or permits for surface water allocations directly from the Sacramento River, Stony Creek, or another source. Parcels that use surface water with groundwater in a supplemental fashion will be classified as irrigated-surface water users.

Irrigated-Groundwater User Class: Includes parcels within the CSGSA service area that use groundwater primarily and do not have access to or the right to use surface water supplies. These parcels will typically have a well(s) on the parcel, or a nearby parcel, serving as the primary source of water supply. Urban areas or residential areas that rely on groundwater for domestic supply are included in this category.

Other Definitions

County: Glenn County located in northern California.

CSGSA: The Corning Sub-basin Groundwater Sustainability Agency.

GIS: Geographic Information Systems

Landowner: The landowner of record for a parcel subject to the CSGSA fee based on County assessor parcel data.

Parcel address: The address of the property subject to the CSGSA fee based on County assessor parcel data.

Parcel Acreage: The total acreage of the parcel subject to the CSGSA fee based on County assessor parcel data or GIS calculations data. If there is more than one acreage figure for a parcel the CSGSA will generally base fees on the lower acreage figure or the acreage figure that most accurately represents the parcel acreage. Multiple sources of data will be referenced in order to verify use of accurate acreage data for assessing CSGSA fees.

Parcel Acreage For Boundary Parcels: For parcels with a portion of the land area within the CSGSA service area boundary, the net acreage of the parcel subject to the CSGSA fee located within the CSGSA boundary will be used for fee assessment purposes based on GIS calculations data.

SECTION 3 – CURRENT USER CLASSIFICATIONS

This section allows landowners subject to the fee to understand how their parcel(s) are classified under the ~~new~~ CSGSA Irrigated/Non-Irrigated 2023 fee structure with three (3) user classes. The CSGSA will make parcel level fee data easily available to landowners subject to the fee. CSGSA Service Area Boundary Appendix B includes the CSGSA service area boundary. Parcels with a portion of their acreage within the CSGSA boundary will only be assessed fees based on their acreage within the CSGSA service area boundary. Parcels are assigned a single user classification during the initial designation process.

CSGSA Service Area Parcel User Class Delineations Appendix B includes a CSGSA service area parcel map indicating user class delineations based on the approved 2023 fees and associated definitions included in this ~~draft~~ policy document. Landowners may identify parcel classification by viewing this map which categorizes parcels based on the three (3) user classes included in the approved fees for the fee assessment process. The parcel map delineations will be updated periodically based on changes in land use necessitating a change or to address any errors in initial classification. ~~As parcel reclassifications are approved the user class map will be updated accordingly.~~

SECTION 4 – USER CLASSIFICATION CHANGE REQUEST

Landowners may request a change in user classification (and associated fee assessment) (User Classification Change Request) to correct an error in the initial classification based on implementation of the ~~new~~ CSGSA Irrigated/Non-Irrigated fee structure approved in 2023 (see Appendix A). The purpose of this policy is to ensure that each parcel subject to the fee is properly classified into the correct user class and charged the correct fee amount on a per acre and annual basis based on the unique user class fees. The CSGSA recognizes category classification may need to be reviewed in limited circumstances.

Basis For User Classification Changes

Landowners may request reclassification of their parcel(s) under the ~~new~~ 2023 CSGSA fees based on the following circumstances: (1) parcel is classified improperly (not in correct user class); (2) parcel fee assessment amount is incorrect (based on acreage inaccuracy or incorrect user classification); or (3) parcel land use has changed requiring the parcel to be reclassified into a different user class. To request a User Classification Change, the landowner must fill out a User Classification Change Request form.

User Classification Change Request

The CSGSA may consider User Classification Change Requests after a landowner has submitted the respective form requesting a specific change. The CSGSA has the option of providing both electronic and manual forms. The information requested will~~ould~~ include, at a minimum, landowner name, parcel address, parcel user classification, and parcel acreage. ~~A sample of potential draft manual and electronic forms are included in Appendix C.~~ A User Classification Change Request may be submitted at any time. ~~must be submitted not more than 45 days from the County's issuance of the tax bills which includes the CSGSA property related fee.~~ Approved changes will apply to the current fiscal year and future years. The CSGSA staff will review, and process User Classification Change Request within 15 business days of receiving the Request form. All Request forms received will be stored electronically for CSGSA records. Request forms may be submitted electronically or via handwritten form. Staff will review the Request form and the existing information related to the parcel at issue to determine whether reclassification is appropriate based on the definitions included in this Policy. Approved Change Requests will be signed and dated by authorized staff, provided to the requesting party, and kept in CSGSA records. If Change Requests are not approved, staff will provide the denial and indicate the reason denying the reclassification request to the requesting party. There are no Application fees levied by the CSGSA in processing these Applications.

SECTION 5 – MULTIPLE USE VARIANCE PROCESS

Landowners may request a multiple use variance in which a parcel may be classified in more than one user classification. To request a multiple use variance, a landowner must complete a Multiple Use Variance Request form.

The CSGSA may consider a variance on a case-by-case basis after a landowner has submitted the respective form provided by the CSGSA. The CSGSA has the option of providing both electronic and manual forms. The information requested will include, at a minimum, landowner name, parcel address, parcel user classifications, and parcel acreage per user classification. The landowner is responsible for providing sufficient information that could support the delineation of parcels into the appropriate user classifications based on the current definitions.

The Multiple Use Variance Form may be submitted at any time, and any approved changes will take effect the following fiscal year. The CSGSA staff will review, and process Multiple Use Variance Request within 30 business days of receiving the Request form. All Request forms received will be stored electronically for CSGSA records. Request forms may be submitted electronically or via handwritten form. Staff will review the Request form and the existing information related to the parcel at issue to determine whether the variance is appropriate based on the definitions included in this Policy.

Commented [LH1]: Discussion on requirement for non-irrigated habitat (or similar) portions to be designated habitat/wetlands, or protected in such a way that would not allow the parcel owner to change the use to irrigated cropland.

Approved Variance Requests will be signed and dated by authorized staff, provided to the requesting party, and kept in CSGSA records. If Variance Requests are not approved, staff will provide the denial and indicate the reason denying the reclassification request to the requesting party. Any denial may be appealed to the CSGSA Board using the appeals process outlined below.

An application fee of not less than $200 will be levied by the CSGSA to process Multiple Use Variance Request Applications. Should the processing of the application take more than two hours of staff time, the applicant will be responsible for costs for additional time and materials to continue processing the variance request. Approved changes will not be effective until all fees have been paid in full.

SECTION 6~~5~~ – ~~USER CLASSIFICATION~~ APPEALS PROCESS

Landowners who request a parcel user class reclassification under Section 4 or a multiple use variance under Section 5 of this policy who are denied the request, may appeal the decision to the CSGSA Committee. The Appeal must be submitted to the CSGSA Committee within 30 days of the date the denial by staff was issued. The Appeal must be written and include specific reasons the denial was improper based on the Classification Policy definitions and any supporting facts in support thereof. The CSGSA Committee will consider the appeal at the first Committee meeting that occurs at least 15 days after receiving the Appeal. If the staff determination is not supported by evidence, the CSGSA Committee may grant the Appeal and approve the User Classification Change Request or Multiple User Variance Request as applicable; if the staff determination is supported and consistent with the Policy, the CSGSA Committee shall deny the Appeal.

9. Corning Subbasin Groundwater Sustainability Plan (GSP)

   a. Review Draft Demand Management Program and Well Mitigation Program Resolutions

   b. Receive update on Draft Revised Portions of the Corning Subbasin GSP

   c. *Set Special Joint GSA Meeting on April 4, 2024 at 5:00 p.m.

   d. Announce Public Hearing scheduled for April 11, 2024 at 2:00 p.m. to consider adoption of Amended Corning Subbasin GSP.

   e. Receive update on the Corning Subbasin Water Year 2023 Annual Report

   f. *Discussion and consider approval of Notice of Exemption for Project Planning Activities (non-construction) for the Corning Subbasin Groundwater Sustainability Plan Projects and Management Actions Implementation Project.

   g. *Discussion and consider approval of Notice of Exemption for monitoring network enhancements and data gap construction activities for the Corning Subbasin Groundwater Sustainability Plan Projects and Management Actions Implementation Project.

On October 26, 2023, the Department of Water Resources (DWR) determined the Corning Subbasin GSP to be "incomplete" The GSAs have 180 days to address the deficiencies and resubmit the GSP for evaluation no later than April 23, 2024.

The consulting team, Luhdorff & Scalmanini Consulting Engineers (LSCE), are supporting the efforts to revise the Corning Subbasin GSP to address DWR's comments. LSCE will provide updates on the Corning Subbasin GSP Revision status and schedule for completion. LSCE will be looking for input and concurrence from the CSGSA on specific components of the revision process, particularly related to determining minimum thresholds and sustainable management criteria for groundwater levels, and Resolutions showing commitment to implementing a well mitigation program and a demand management program.

Additionally, LSCE is leading the development of the Corning Subbasin Water Year 2023 Annual Report and will provide a brief update on the status of the report, which is due April 1, 2024. A more detailed presentation will be brought to the CSGSA at a future meeting.

LSCE is also leading the Tehama County GSP Implementation Project, which includes the Glenn County portion of the Corning Subbasin. The following tasks are included in the project:

- Task 1. Grant Management and Administration
- Task 2. GSP Implementation, Outreach, and Compliance Activities
- Task 3. Ongoing Monitoring, Data Gaps, and Enhancements
- Task 4. Projects and Management Actions- Recharge Focused
- Task 5. Projects and Management Actions- Regional Conjunctive Use

- Task 6. General Consulting Services on an As Needed

The GSP Revision process is included in Task 2 of the grant work. The team is also making great strides in other tasks. As part of the grant project, two Notice of Exemptions are being prepared for review and approval. The draft documents will be distributed under separate cover once available.

Attachments:

- GSP Revision Status Presentation (pg. 22)
- Corning Subbasin SMC Data Package (pg. 33)
- Draft Corning Subbasin Demand Management Program Resolution (pg. 94)
- Draft Corning Subbasin Well Mitigation Program Resolution (pg. 99)
- Notice of Exemption for Project Planning Activities (non-construction) for the Corning Subbasin Groundwater Sustainability Plan Projects and Management Actions Implementation Project (will be distributed under separate cover once available)
- Notice of Exemption for monitoring network enhancements and data gap construction activities for the Corning Subbasin Groundwater Sustainability Plan Projects and Management Actions Implementation Project (will be distributed under separate cover once available)

Corning Sub-basin GSA Meeting

March 28, 2024

Luhdorff & Scalmanini
Consulting Engineers

Corning Sub-basin GSA Agenda

- Review Draft Demand Management and Well Mitigation Resolutions (no action)
- Present Draft Revised Portions of the Corning GSP (no action)
  - Explain revised Groundwater Level Minimum Thresholds
- Set April 4 Joint GSA Board Meeting, Preview Purpose
- Announce Public Hearing Date for Adoption of Revised GSP
- Status Update on Annual Report
- Approval of NOEs

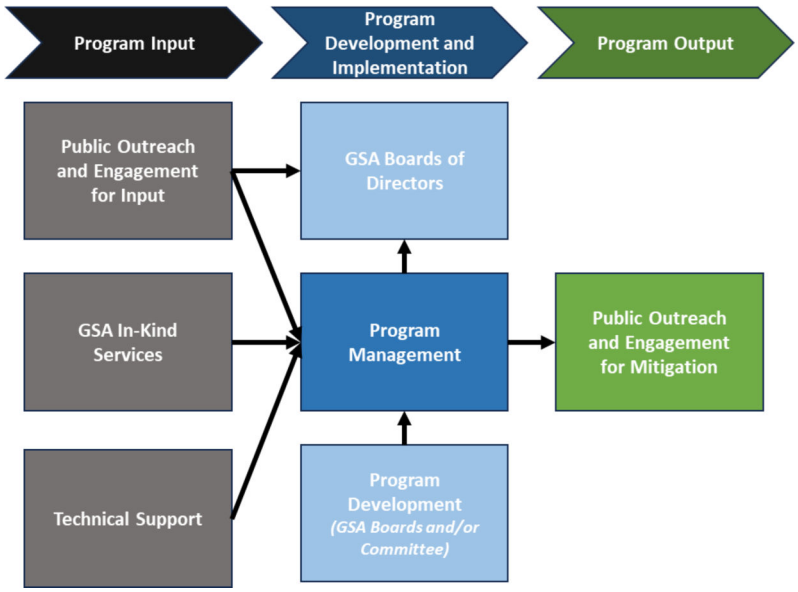
LSCE

Draft Resolutions

- **Goal for this meeting:** Review Draft Demand Management and Well Mitigation Resolutions for the Corning Subbasin
- Materials included in Meeting Packet: Draft Demand Management and Well Mitigation Resolutions for Corning Subbasin
- Next steps for the Resolutions:
  - Legal Review
  - 3/27 (Yesterday) Tehama Groundwater Commission and CSAB reviewed and recommended adoption of the resolutions in the Corning Subbasin
  - 4/4 Joint GSA Meeting to adopt the resolutions for Corning Subbasin
  - Resolutions included in Revised GSPs, submitted to DWR

LSCE

Well Mitigation Resolution – Highlights

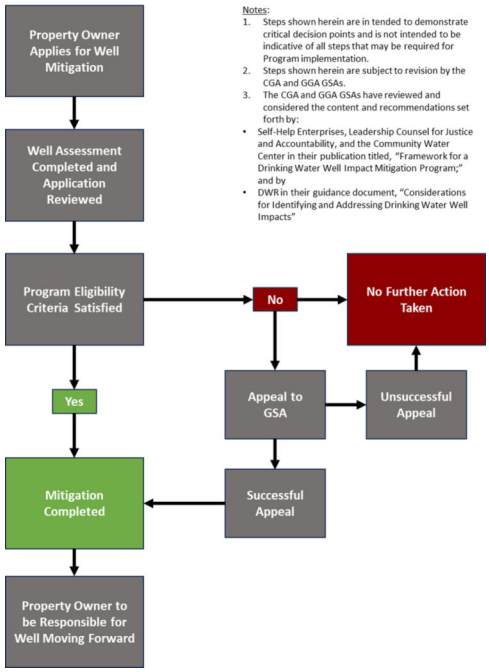


DRAFT Organizational Structure

LSCE

Well Mitigation Resolution – Highlights

1. Property Owner Applies for Well Mitigation
2. Well Assessment Completed
3. Program Eligibility Criteria Satisfied (Yes/No)
4. Mitigation Completed
5. Property Owner Responsible Moving Forward



DRAFT Implementation Flowchart

LSCE

Well Mitigation Resolution – Well Assessment

Colusa Subbasin Domestic Well Mitigation Program

DRAFT Initial Well Evaluation Outline
To Be Completed by Licensed Preferred Contractor

The Initial Well Evaluation (Evaluation) is a formal, structured assessment of each drinking water well for which enrollment in the Domestic Well Mitigation Program is sought. The objectives of the Evaluation are to:

- Inspect the conditions of the well, including an assessment of the current or anticipated operational issue(s) associated with the well and underlying causes of those impacts.
- Determine that the well impacts are related to groundwater management during the GSP Implementation Period (e.g., not related to normal wear and tear)
- Determine and recommend an appropriate mitigation strategy (i.e., one of the potential Program mitigation measures identified in the MOU).

It is anticipated that the Evaluation will assess and address the following topics, although this list is subject to revision during Program development:

- Property Owner and Location Information
  - Name and contact information of property owner
  - Name and contact information of contact at well location (if different)
  - Well location (address, assessor's parcel number of parcel where well is located, coordinates identifying where well is located)
  - Nearest municipal or public water system (name, distance; mapping tool may be useful)
  - Nearest groundwater level RMS well (SWN, distance; mapping tool may be useful)
- Well Information
  - Well completion report number of well
  - State well number of well
  - Date drilled
  - Well construction details
    - Borehole information (depth, diameter)
    - Casing information (depth, diameter, material, wall thickness)
    - Gravel pack information (if it is gravel packed, depth interval of gravel pack)
    - Sanitary seal information (depth)
    - Perforation details (number, intervals, type, where pump is currently installed)
  - Remaining operational life expectancy of well, given well construction conditions and date drilled
- Pump Information
  - Date installed

LSCE

Questions about Resolutions?

LSCE

Draft Corning GSP

Goal for this meeting: Review Draft Revised Portions of the Corning GSP, with particular attention to the Revised MTs and SMCs. (No Action)

Materials included in Meeting Packet: Draft Revised Portions of the Corning GSP

Next steps for the MTs and SMCs:

- 3/27 (Yesterday) Tehama Groundwater Commission Corning Subbasin Advisory Board reviewed and recommended setting revised MTs and SMCs for the Corning GSP
- 4/4 Joint GSA Meeting to review and to provide comments on the Corning GSP, inclusive of the revised MTs, SMCs
- 4/11 CSGSA Meeting public hearing to adopt the Revised Corning GSP
- 4/15 Tehama FCWCD Board of Directors meeting, public hearing to adopt the Revised Corning GSP

LSCE

Corning GSP – Revised Groundwater Level Minimum Threshold, Sustainable Management Criteria

- Overview
- Special Zones (Based on Dry Wells Reporting)
- Minimum Thresholds (MT)
  - Within Specialized Zones, 2015-2022 Groundwater Low
  - Outside of Specialized Zones, 2015-2022 Groundwater Low plus a 20’ Buffer

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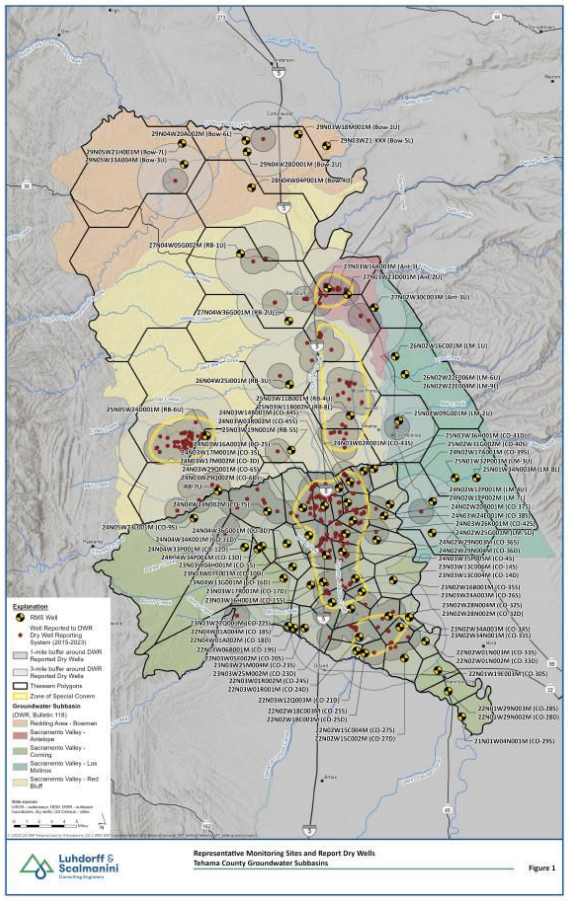
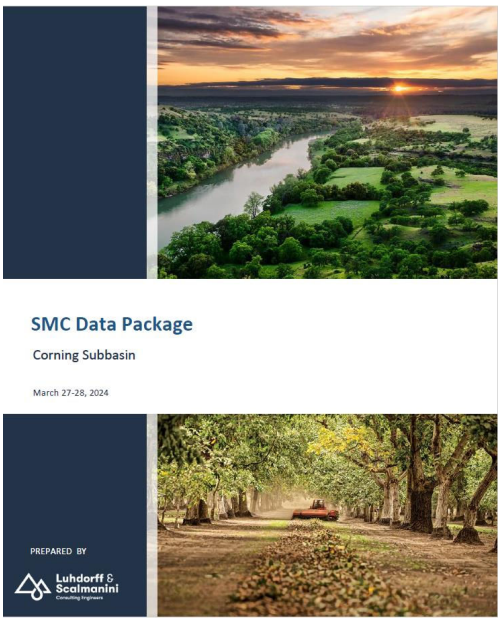
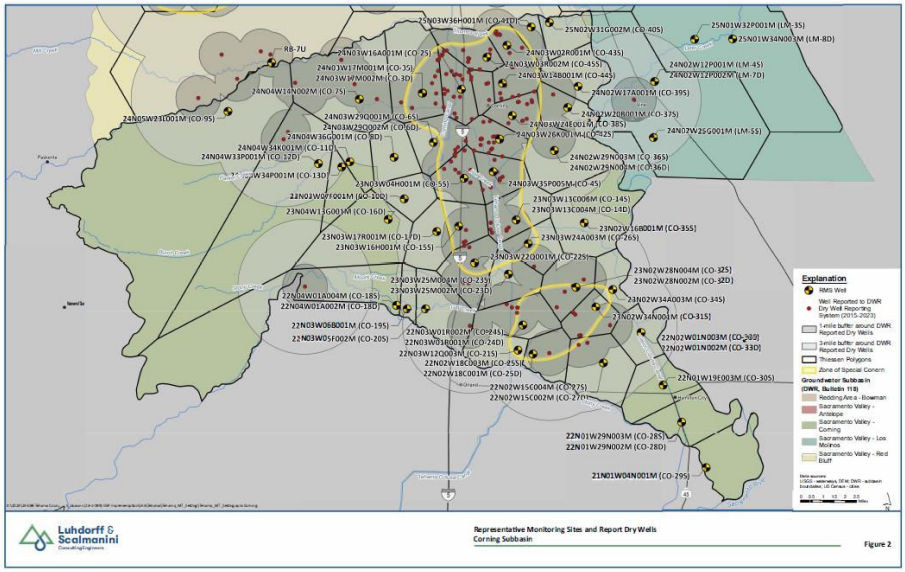


LSCE

MTs and SMCs





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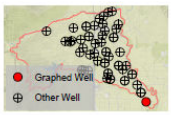
LSCE

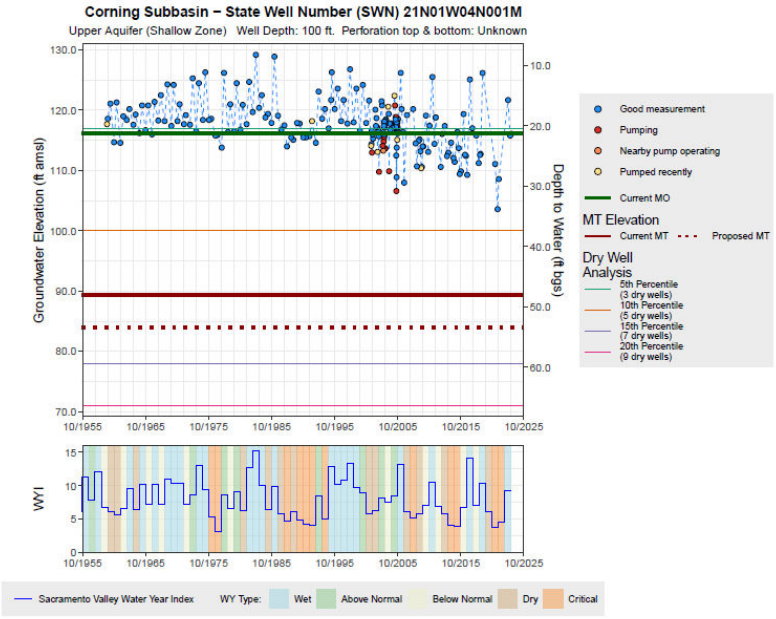
MTs and SMCs



Area: Outside of Special Zone
Basis: 2020–2022 low –20 ft
GWE: 84 ft amsl
DTW: 54 ft bgs

SMC
IM (2027) = 113.5 ft amsl
MO = 116.1 ft amsl
Old MT = 89.3 ft amsl

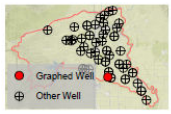
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = 0.2 ft
Ave. change = 0.01 ft/yr
Ave. WL = 121.12 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	43	6	30	0	0	7
Number and Percent Impacted	5 (12%)	2 (5%)	0 (0%)	0 (0%)	0 (0%)	3 (7%)

LSCE

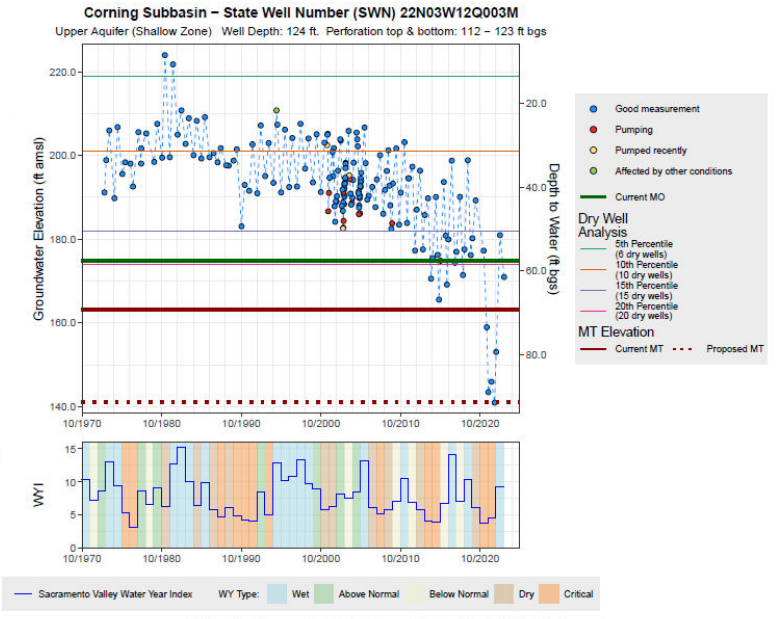
MTs and SMCs



Area: Within Special Zone
Basis: 2020–2022 low
GWE: 141 ft amsl
DTW: 92 ft bgs

SMC
IM (2027) = 174.8 ft amsl
MO = 174.8 ft amsl
Old MT = 163.2 ft amsl

Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = –22.9 ft
Ave. change = –1.15 ft/yr
Ave. WL = 200.25 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	98	67	21	0	0	10
Number and Percent Impacted	35 (36%)	24 (24%)	2 (2%)	0 (0%)	0 (0%)	9 (9%)

LSCE

Revised Portions of GSP

No Actions Recommended at this Meeting.

To be reviewed at the Joint GSA Meeting on 4/4, however, the Corning Sub-basin GSA should be prepared to commit to adopting the Revised Corning GSP at their 4/11 meeting.

LSCE

April 4 Joint GSA Board Meeting, Preview Purpose

Joint GSA Meeting to adopt Corning Subbasin Resolutions for well mitigation program and demand management program to include in Revised Corning Subbasin GSP for submittal to DWR.

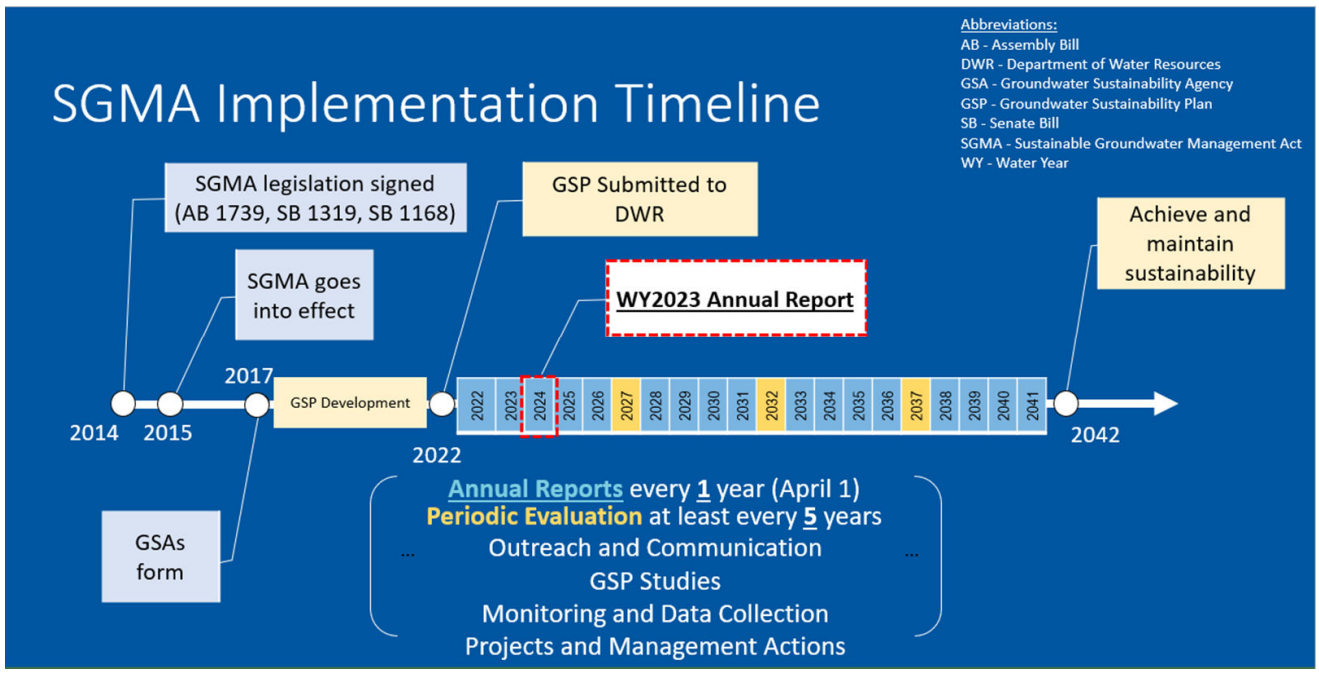
LSCE

Announce Public Hearing Date for Adoption of Revised GSP

- The public hearing for adoption of the amended Corning Subbasin Groundwater Sustainability Plan by the Corning Sub-basin Groundwater Sustainability Agency is scheduled for April 11, 2024 at 2:00 p.m. at 7854 County Road 203, Orland, CA 95963.
- Newspaper publications on March 23 and March 30.

LSCE

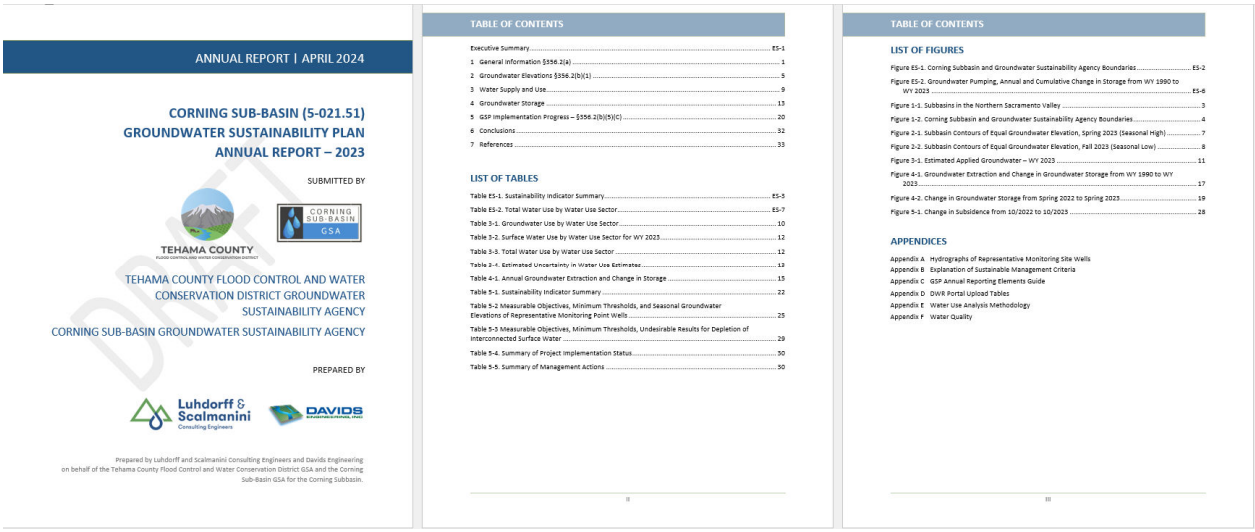
Status Update on Annual Report



LSCE

Status Update on Annual Report

- Overview
- Groundwater Conditions
- Water Supply and Water Use (Water Budget)
- Progress Towards GSP Implementation



ANNUAL REPORT | APRIL 2024

CORNING SUB-BASIN (5-021.51)
GROUNDWATER SUSTAINABILITY PLAN
ANNUAL REPORT – 2023

SUBMITTED BY

TEHAMA COUNTY

CORNING SUB-BASIN GSA

TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT GROUNDWATER SUSTAINABILITY AGENCY

CORNING SUB-BASIN GROUNDWATER SUSTAINABILITY AGENCY

PREPARED BY

Luhdorff & Scalmanini Consulting Engineers

DAVIDS

Prepared by Luhdorff and Scalmanini Consulting Engineers and Davids Engineering on behalf of the Tehama County Flood Control and Water Conservation District GSA and the Corning Sub-Basin GSA for the Corning Subbasin.

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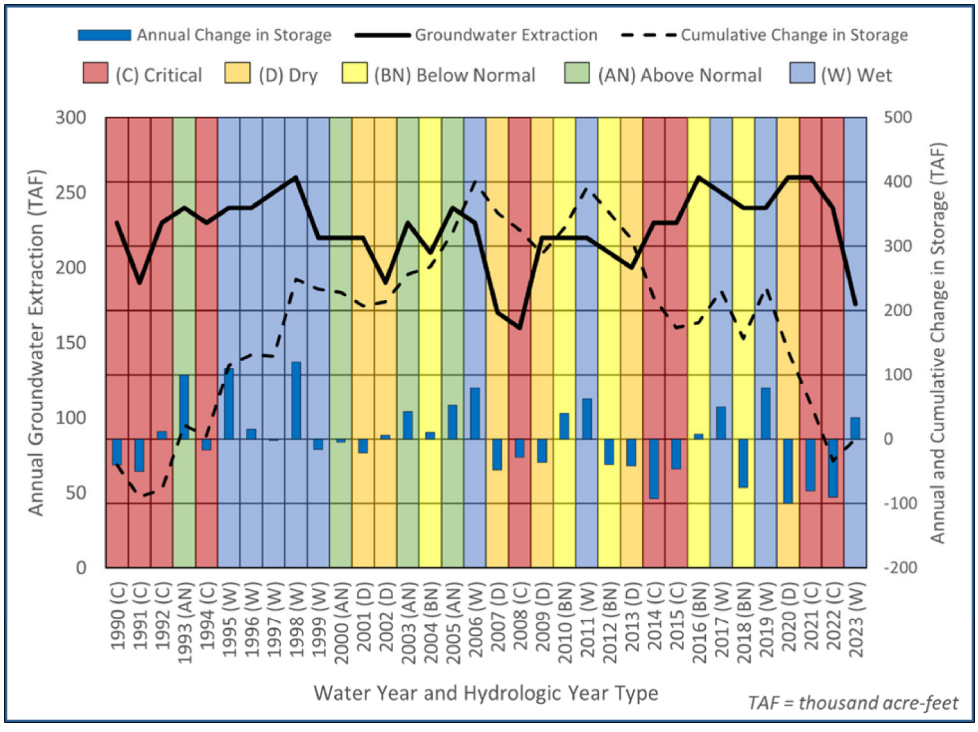
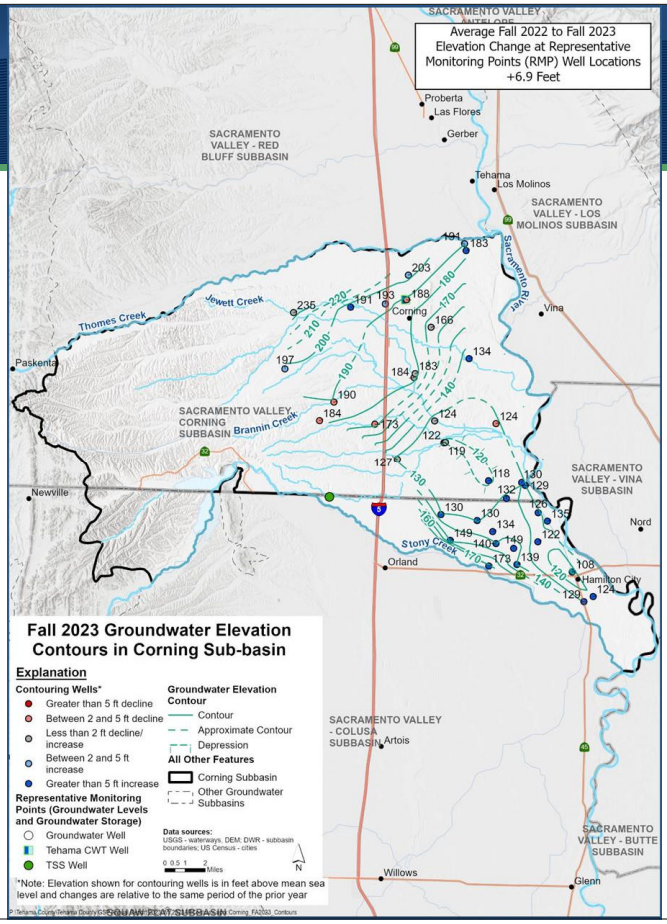
Status Update on Annual Report



LSCE

Status Update on Annual Report

Table 4-1. Annual Groundwater Extraction and Change in Storage			
Water Year (Hydrologic Year Type)	Groundwater Extraction[1] (AF)	Annual Change in Storage (AF)	Cumulative Change in Storage (AF)
2021 (C)[2]	260,000	-80,000	56,500
2022 (C)[2]	240,000	-90,000	-33,500
2023 (W)	176,000	31,000	-500
Historic Averages (2000-2022)[3]			
2000-2022 (22 years)	227,000	-1,000	190,000
W (9 years)	239,000	56,000	235,000
AN (4 years)	232,000	48,000	207,000
BN (5 years)	228,000	-11,000	257,000
D (6 years)	210,000	-40,000	252,000
C (9 years)	222,000	-48,000	60,000



Approval of Notice of Exemption (NOE)

- **<u>Project Activities</u>**
- All Planning/Design Activities
- Monitoring Network/Data Gaps
- GW Recharge Projects

<u>Environmental Compliance Strategy</u>

Notice of Exemption - Planning

Notice of Exemption - Construction

DWR CEQA Exemption - Construction

- Milestone: Feb./Mar. 2024 – Approve and File Notices of Exemption
- Receive updates on future environmental compliance actions

Monitoring & Projects

Monitoring & Projects

- Data Viewer Map: bit.ly/TehamaGlennSGMADataMapViewer

Domestic Well Monitoring

Recharge Opportunities

SMC Data Package

Corning Subbasin

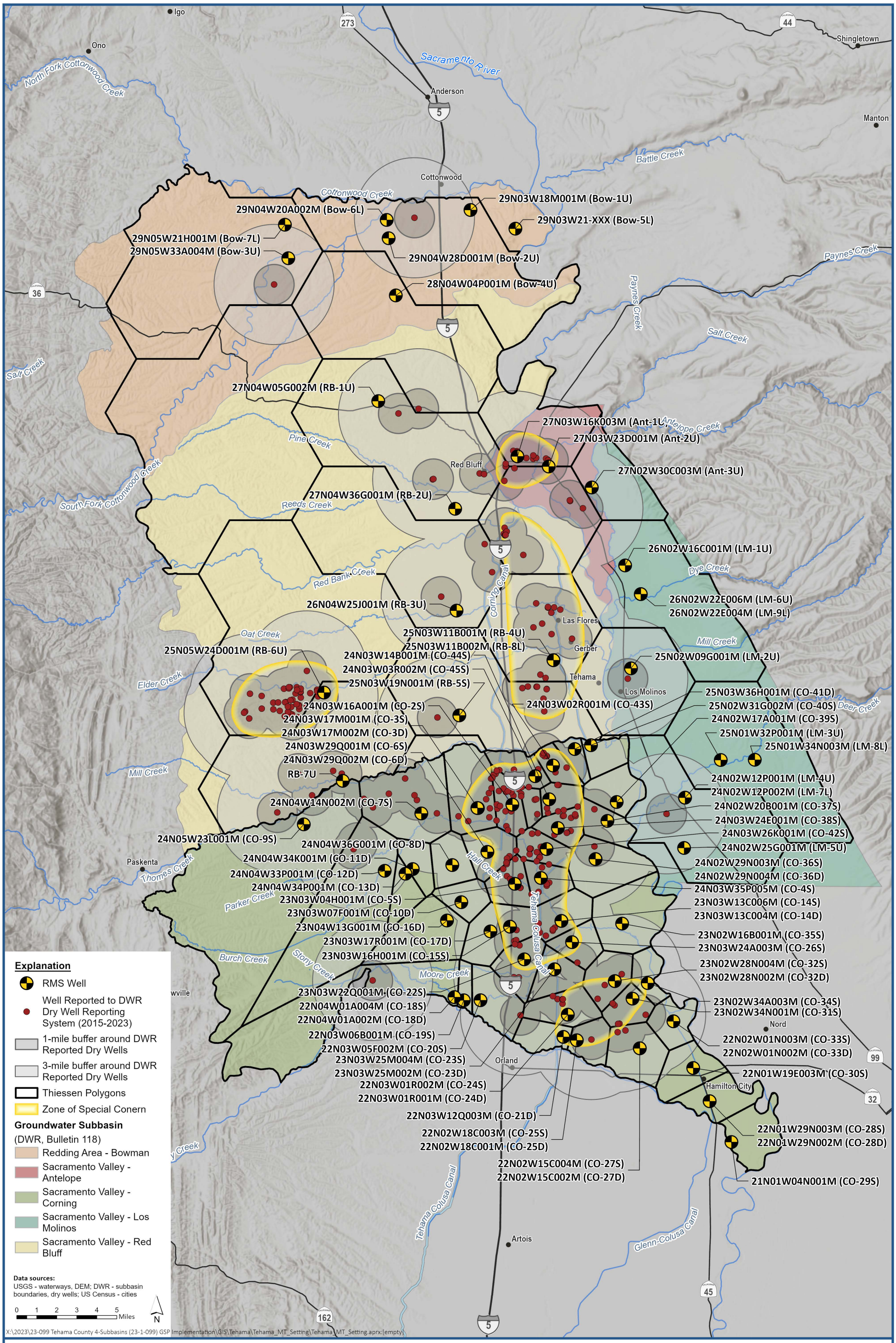
March 27-28, 2024

PREPARED BY

Luhdorff & Scalmanini Consulting Engineers

Proposed Undesirable Results Definition:

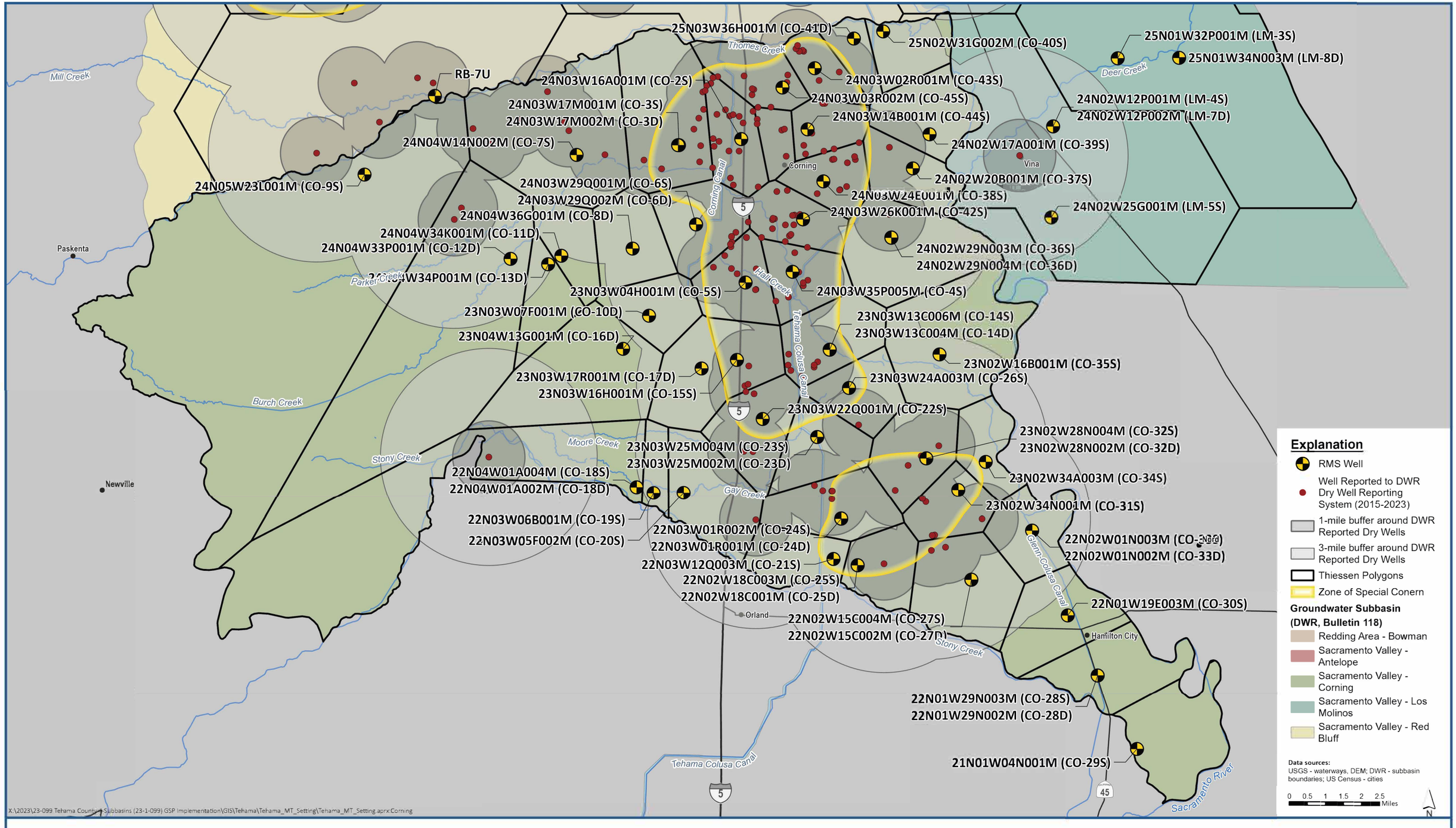
Undesirable results occur when significant and unreasonable effects for any of the five sustainability indicators defined by SGMA are caused by groundwater conditions occurring in the Subbasin. The GSA defines the negative effects to beneficial uses and users that would be experienced at undesirable result conditions as 10 wells becoming dry (after the GSP revision) within each Thiessen polygon. The GSA will address the adverse impacts if any through projects to supplement supplies of water and through a well mitigation program. The impacts to groundwater dependent ecosystems that may occur without rising to significant and unreasonable levels constituting undesirable results has yet to be determined. The GSA is actively addressing data gaps and monitoring to establish the relationship between interconnect surface water and groundwater and the potential adverse effects of a depletion of groundwater. The GSA will update the Undesirable Results definition to include depletion of interconnected surface water in the 5-year update in January 2027.



Luhdorff & Scalmanini Consulting Engineers

Representative Monitoring Sites and Report Dry Wells
Tehama County Groundwater Subbasins

Figure 1



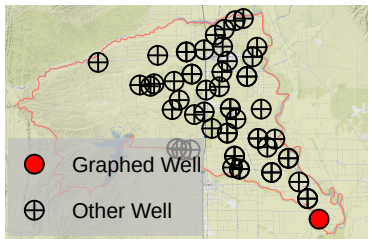
Luhdorff & Scalmanini Consulting Engineers

Representative Monitoring Sites and Report Dry Wells
Corning Subbasin

Figure 2

Corning Subbasin − State Well Number (SWN) 21N01W04N001M

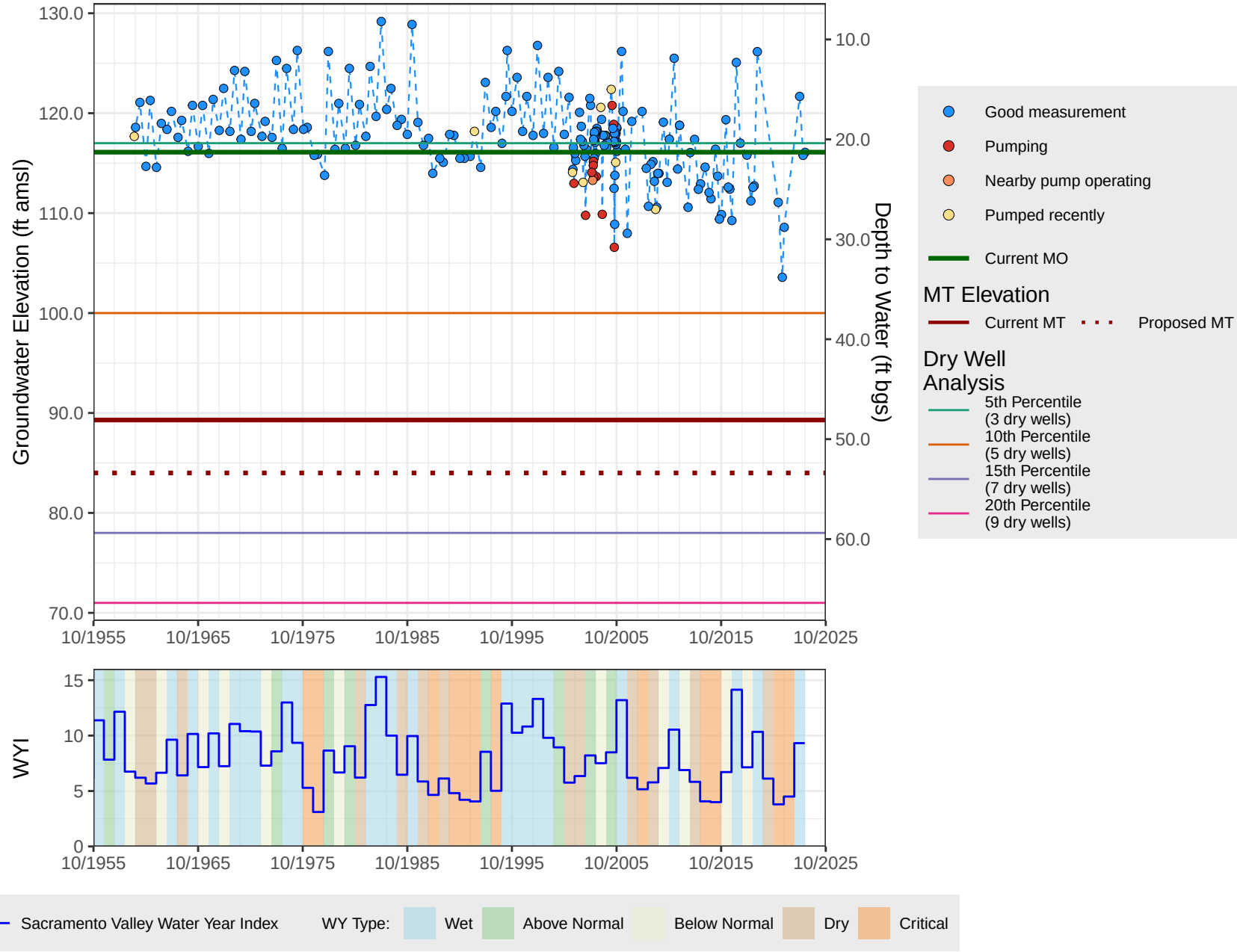
Upper Aquifer (Shallow Zone) Well Depth: 100 ft. Perforation top & bottom: Unknown



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 84 ft amsl
DTW: 54 ft bgs

SMC
IM (2027) = 113.5 ft amsl
MO = 116.1 ft amsl
Old MT = 89.3 ft amsl

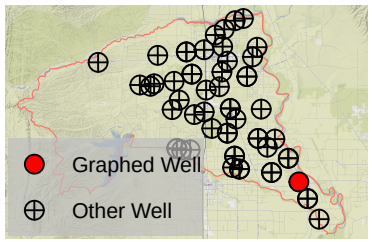
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = 0.2 ft
Ave. change = 0.01 ft/yr
Ave. WL = 121.12 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	43	6	30	0	0	7
Number and Percent Impacted	5 (12%)	2 (5%)	0 (0%)	0 (0%)	0 (0%)	3 (7%)

Corning Subbasin − State Well Number (SWN) 22N01W19E003M

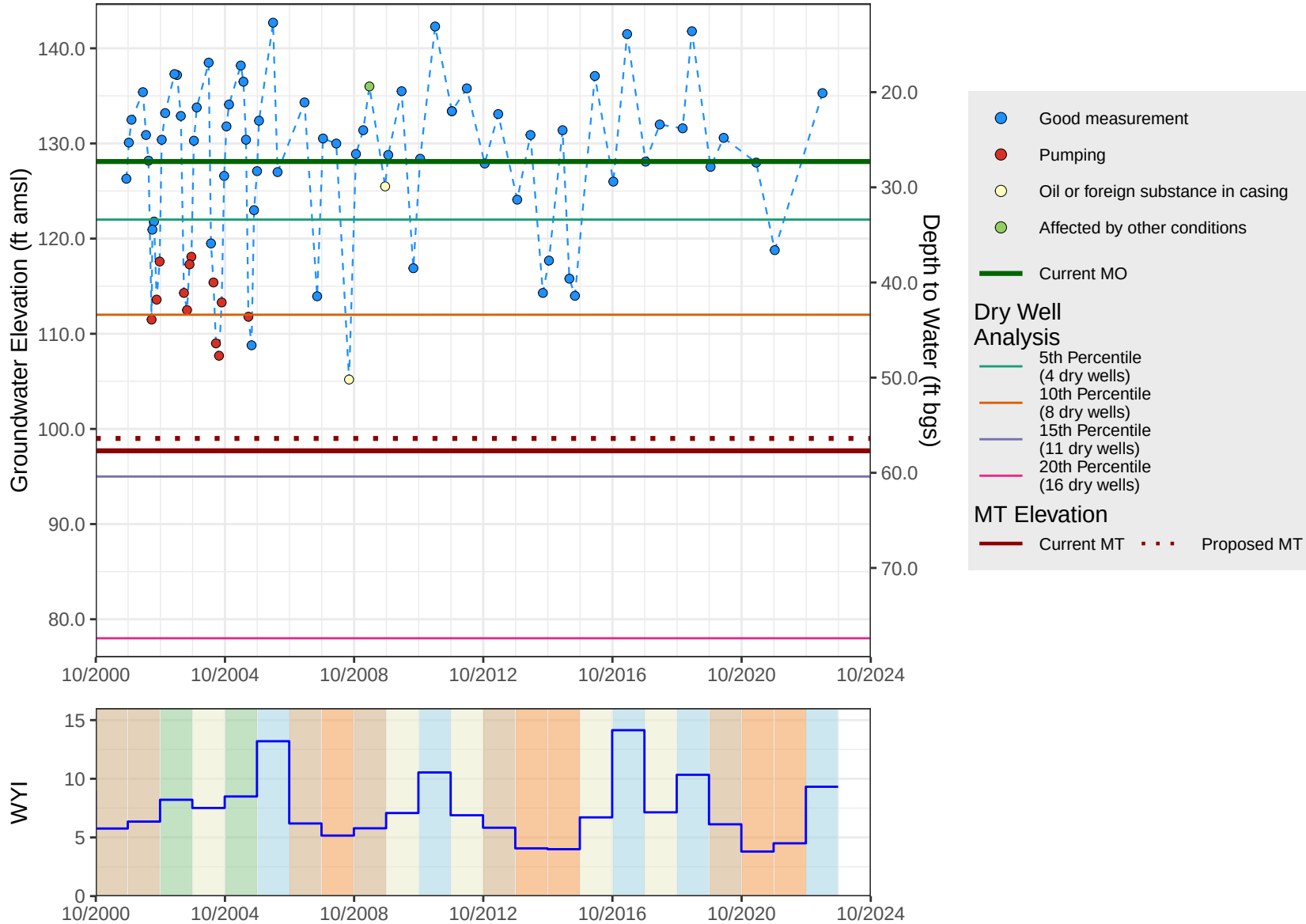
Upper Aquifer (Shallow Zone) Well Depth: 500 ft. Perforation top & bottom: 80 − 400 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 99 ft amsl
DTW: 57 ft bgs

SMC
IM (2027) = 127.7 ft amsl
MO = 128.1 ft amsl
Old MT = 97.7 ft amsl

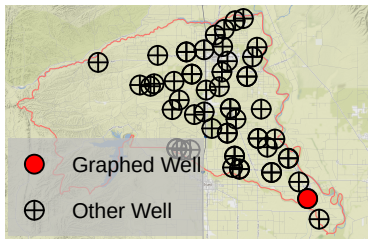
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = −2 ft
Ave. change = −0.1 ft/yr
Ave. WL = 135.6 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	76	15	40	1	2	18
Number and Percent Impacted	11 (14%)	2 (3%)	1 (1%)	0 (0%)	0 (0%)	8 (11%)

Corning Subbasin − State Well Number (SWN) 22N01W29N002M

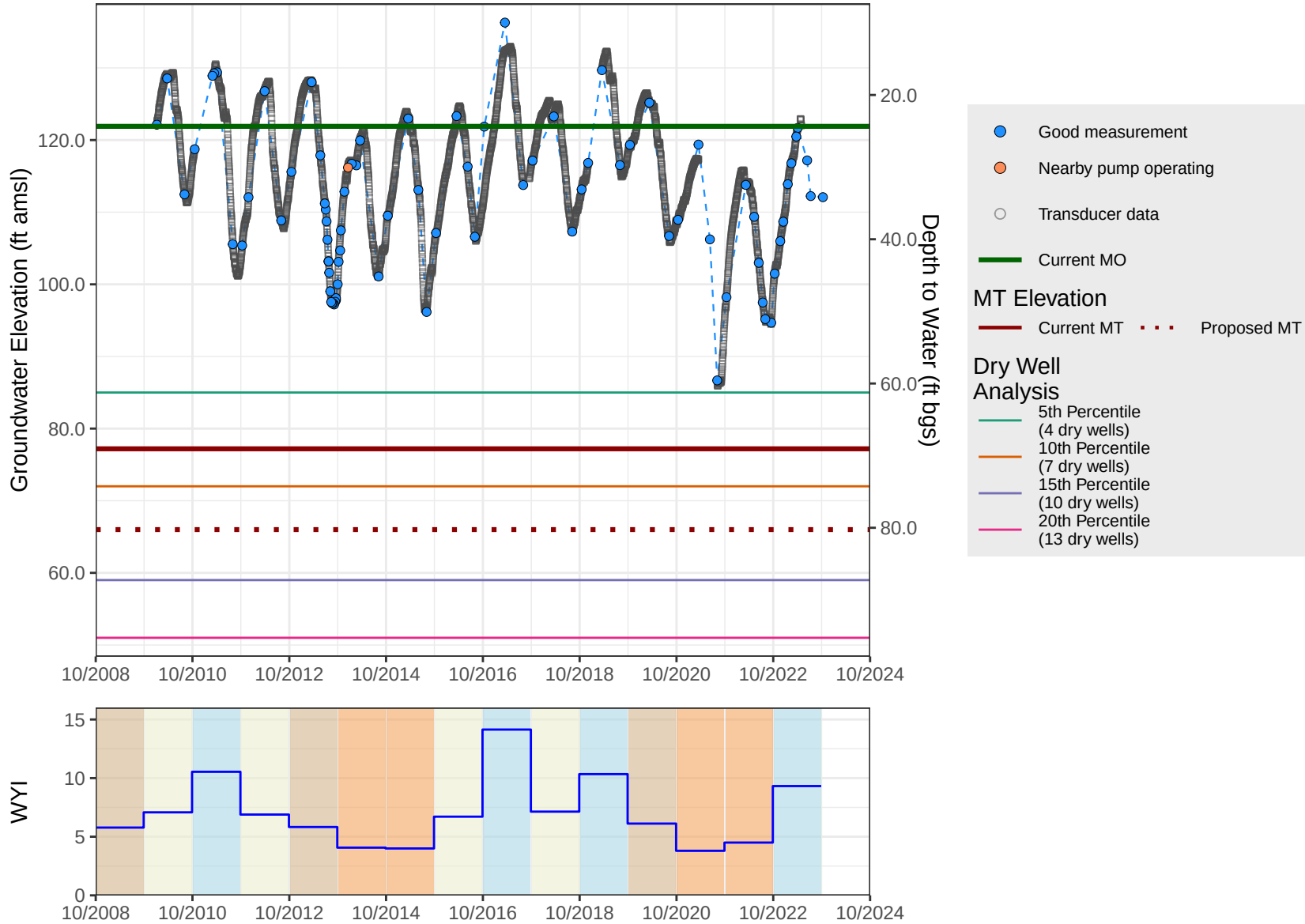
Upper Aquifer (Deep Zone) Well Depth: 670 ft. Perforation top & bottom: 549 − 641 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 66 ft amsl
DTW: 80 ft bgs

SMC
IM (2027) = 120.0 ft amsl
MO = 121.9 ft amsl
Old MT = 77.2 ft amsl

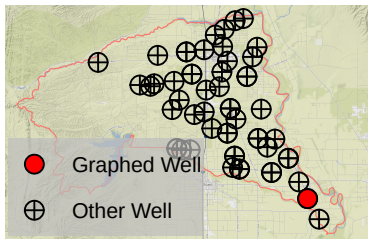
Statistics of Spring WL
Past 13 years (2010 to 2023):
Change = −6.86 ft
Ave. change = −0.53 ft/yr
Ave. WL = 124.87 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	64	22	38	1	0	3
Number and Percent Impacted	8 (13%)	3 (5%)	3 (5%)	0 (0%)	0 (0%)	2 (3%)

Corning Subbasin − State Well Number (SWN) 22N01W29N003M

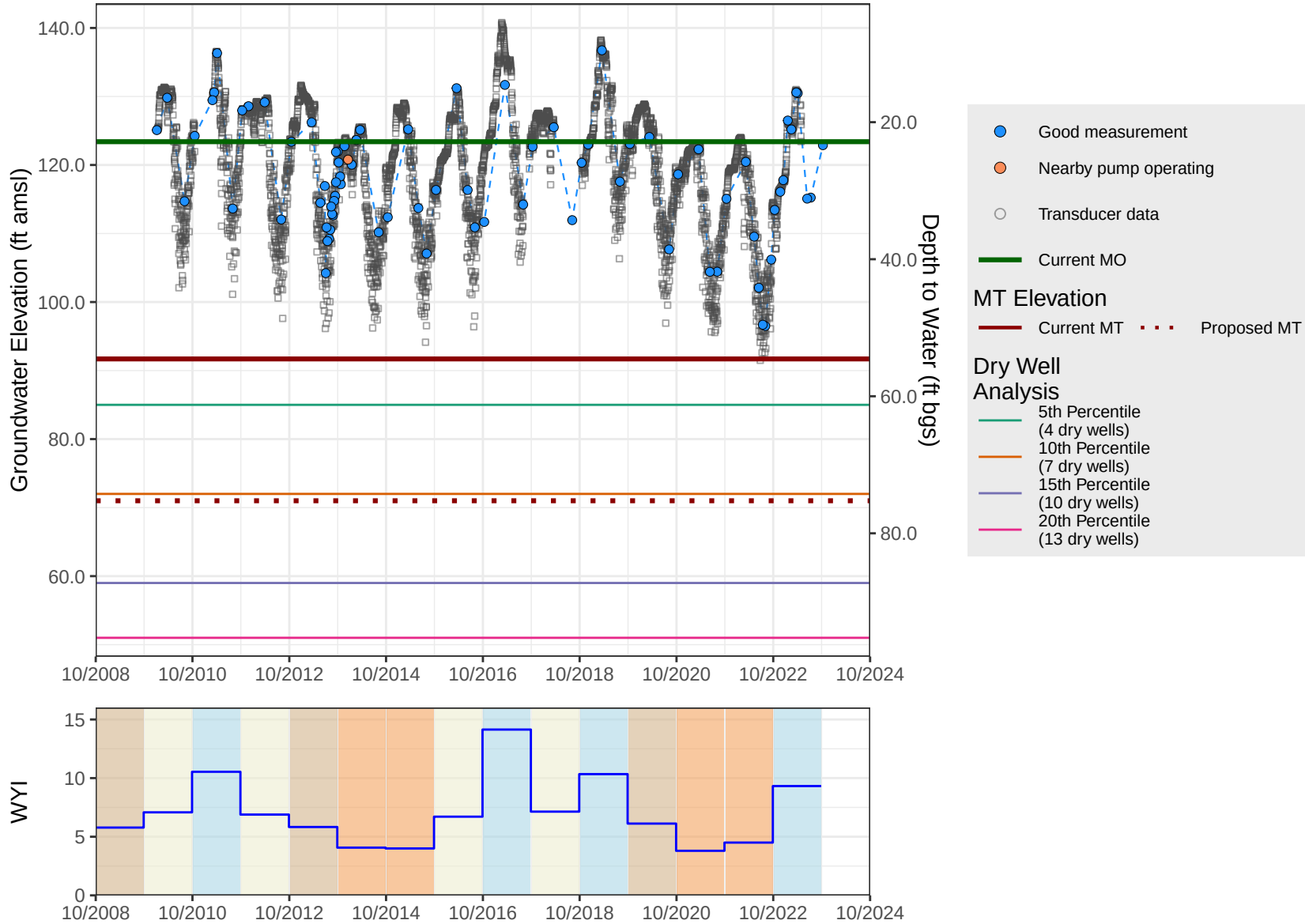
Upper Aquifer (Shallow Zone) Well Depth: 400 ft. Perforation top & bottom: 189 − 380 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 71 ft amsl
DTW: 75 ft bgs

SMC
IM (2027) = 123.2 ft amsl
MO = 123.4 ft amsl
Old MT = 91.7 ft amsl

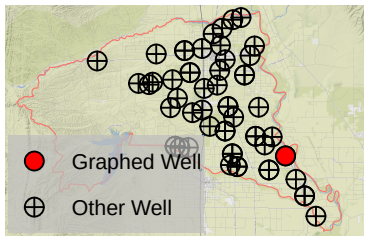
Statistics of Spring WL
Past 13 years (2010 to 2023):
Change = 0.78 ft
Ave. change = 0.06 ft/yr
Ave. WL = 128.17 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	64	22	38	1	0	3
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 22N02W01N002M

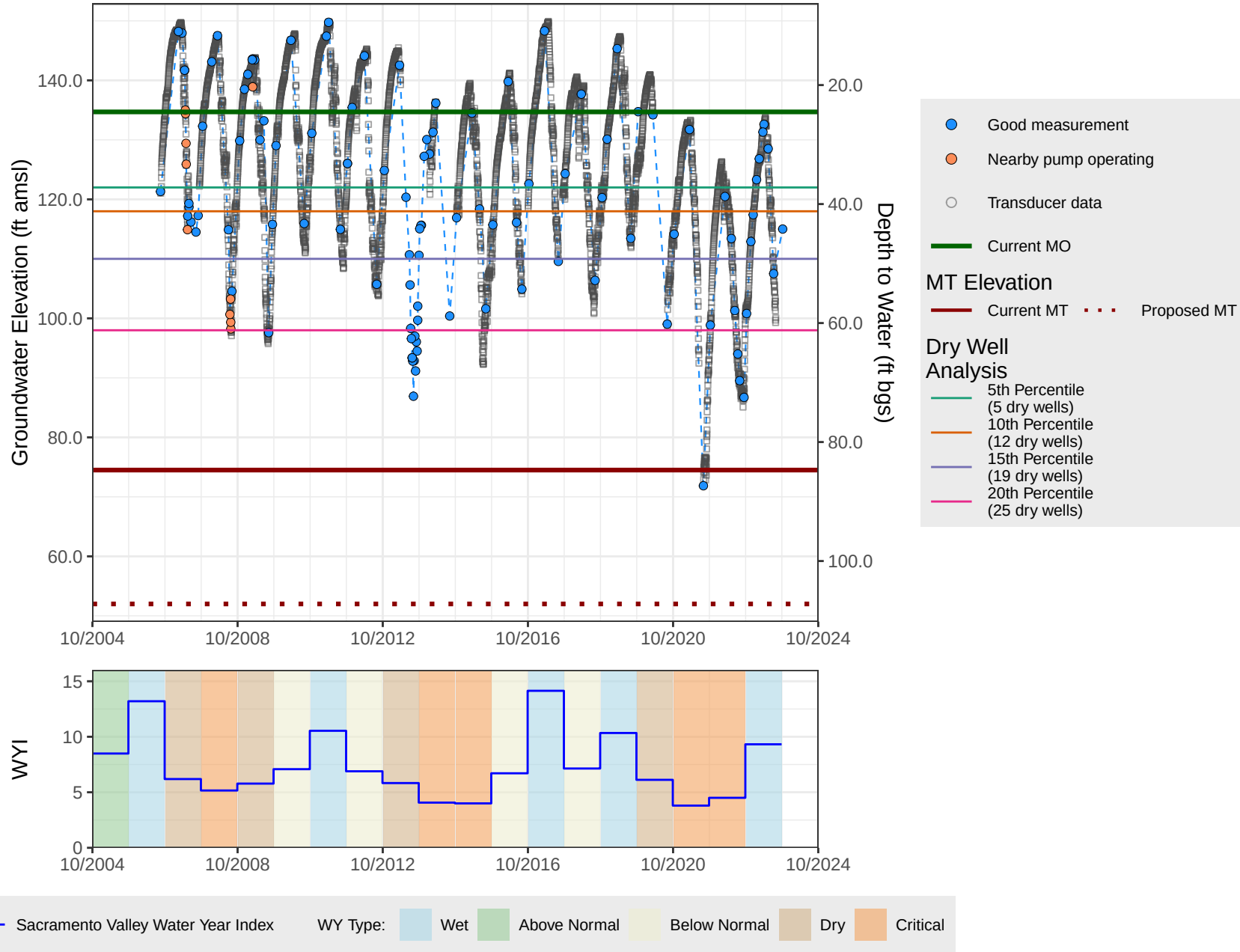
Upper Aquifer (Deep Zone) Well Depth: 730 ft. Perforation top & bottom: 700 − 710 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 52 ft amsl
DTW: 107 ft bgs

SMC
IM (2027) = 134.7 ft amsl
MO = 134.7 ft amsl
Old MT = 74.5 ft amsl

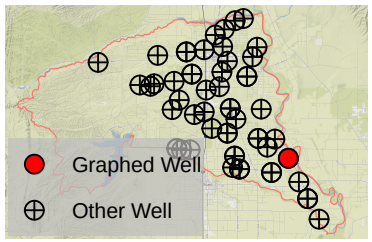
Statistics of Spring WL
Past 16 years (2007 to 2023)
Change = −15.6 ft
Ave. change = −0.98 ft/yr
Ave. WL = 140.19 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	122	73	41	2	0	6
Number and Percent Impacted	62 (51%)	51 (42%)	5 (4%)	1 (1%)	0 (0%)	5 (4%)

Corning Subbasin − State Well Number (SWN) 22N02W01N003M

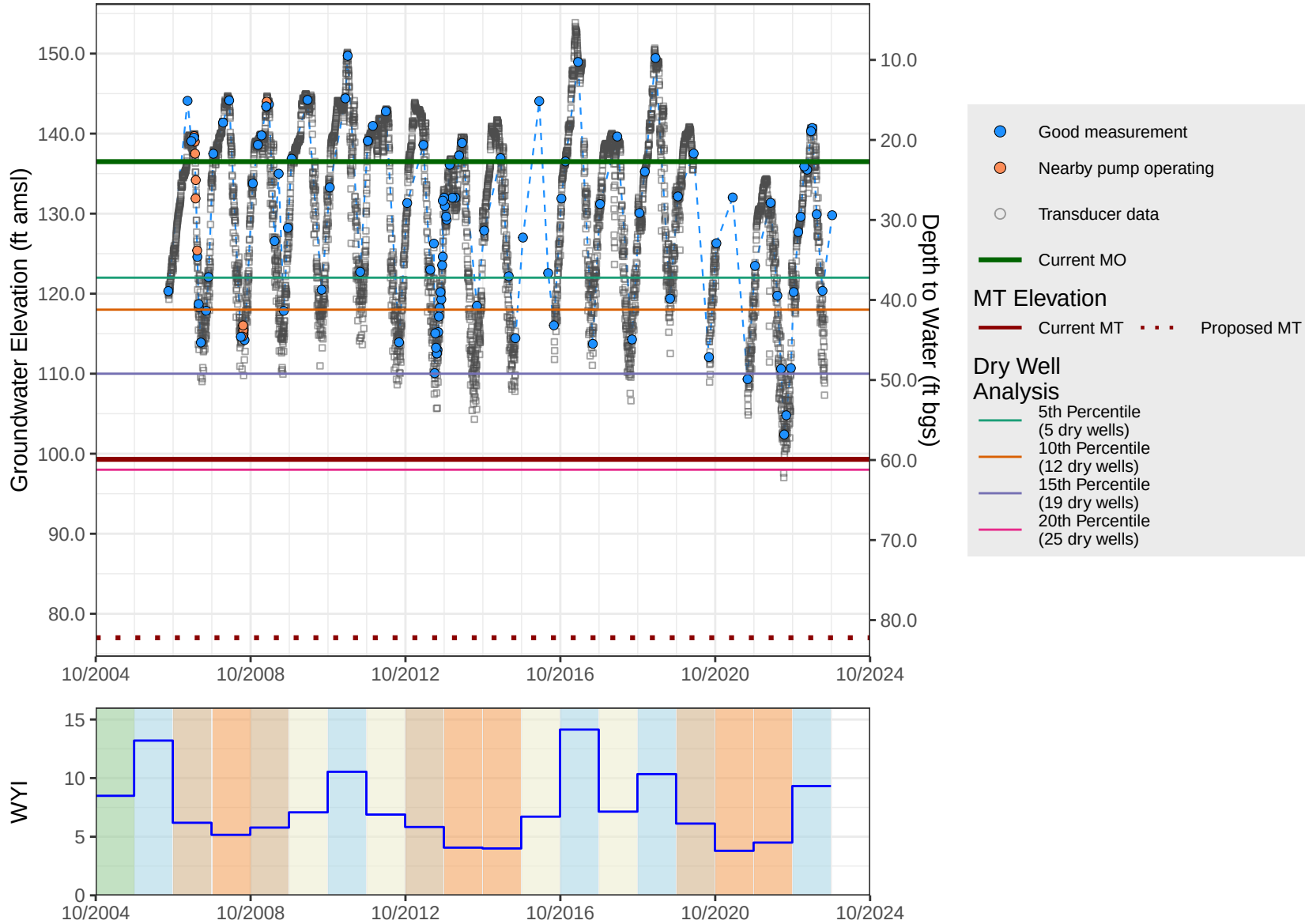
Upper Aquifer (Shallow Zone) Well Depth: 440 ft. Perforation top & bottom: 210 − 370 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 77 ft amsl
DTW: 82 ft bgs

SMC
IM (2027) = 133.2 ft amsl
MO = 136.5 ft amsl
Old MT = 99.3 ft amsl

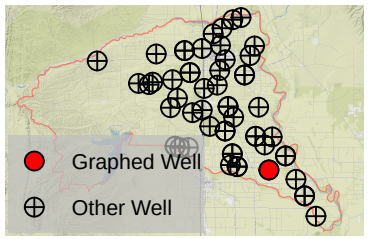
Statistics of Spring WL
Past 16 years (2007 to 2023):
Change = −3.4 ft
Ave. change = −0.21 ft/yr
Ave. WL = 141.57 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	122	73	41	2	0	6
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 22N02W15C002M

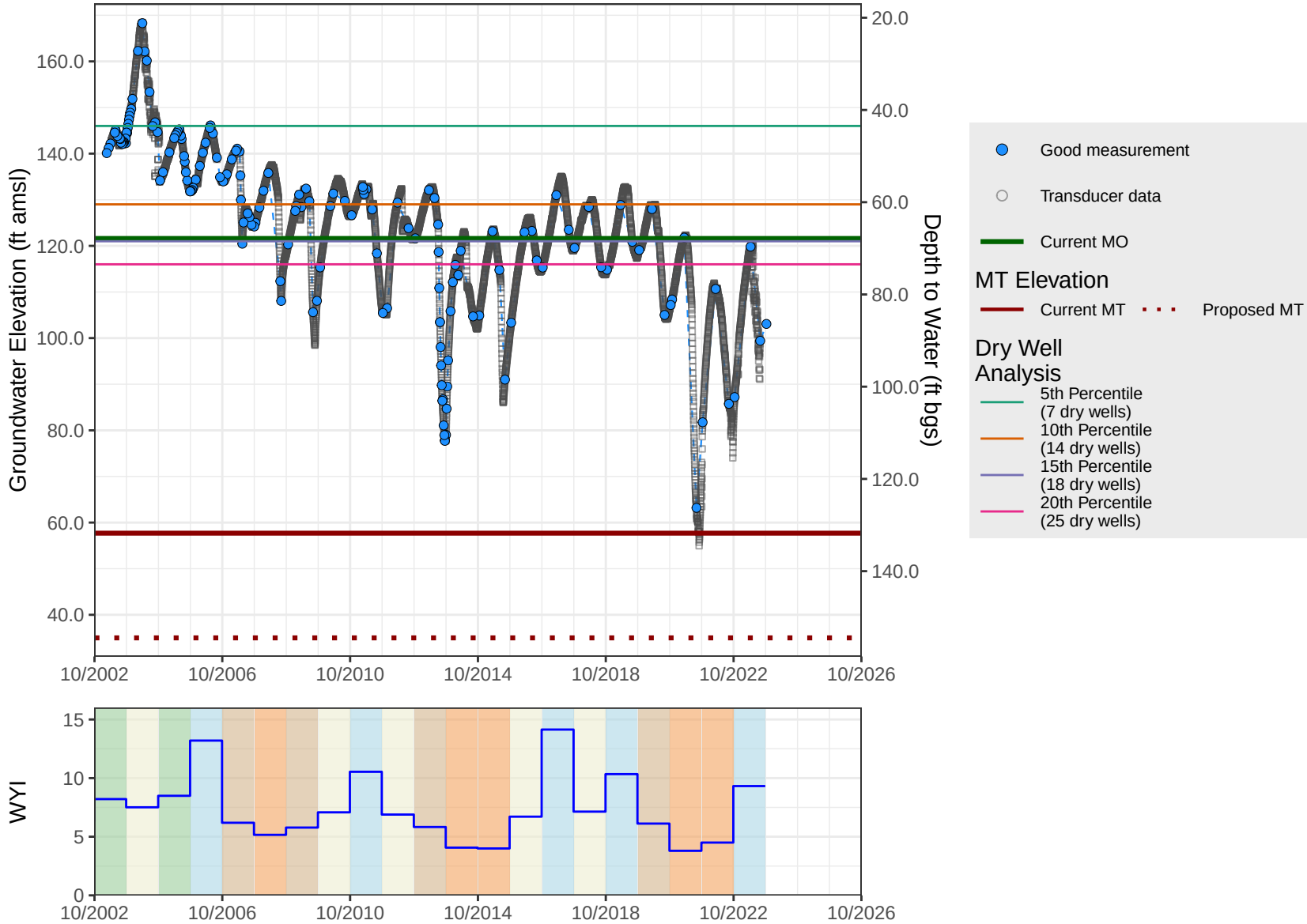
Upper Aquifer (Deep Zone) Well Depth: 825 ft. Perforation top & bottom: 760 − 781 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 35 ft amsl
DTW: 154 ft bgs

SMC
IM (2027) = 119.7 ft amsl
MO = 121.6 ft amsl
Old MT = 57.7 ft amsl

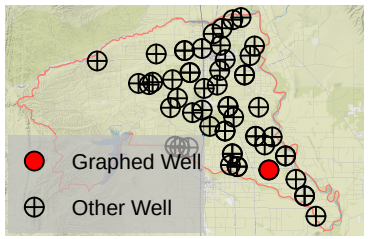
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −22.35 ft
Ave. change = −1.12 ft/yr
Ave. WL = 131.64 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	122	60	48	2	0	12
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 22N02W15C004M

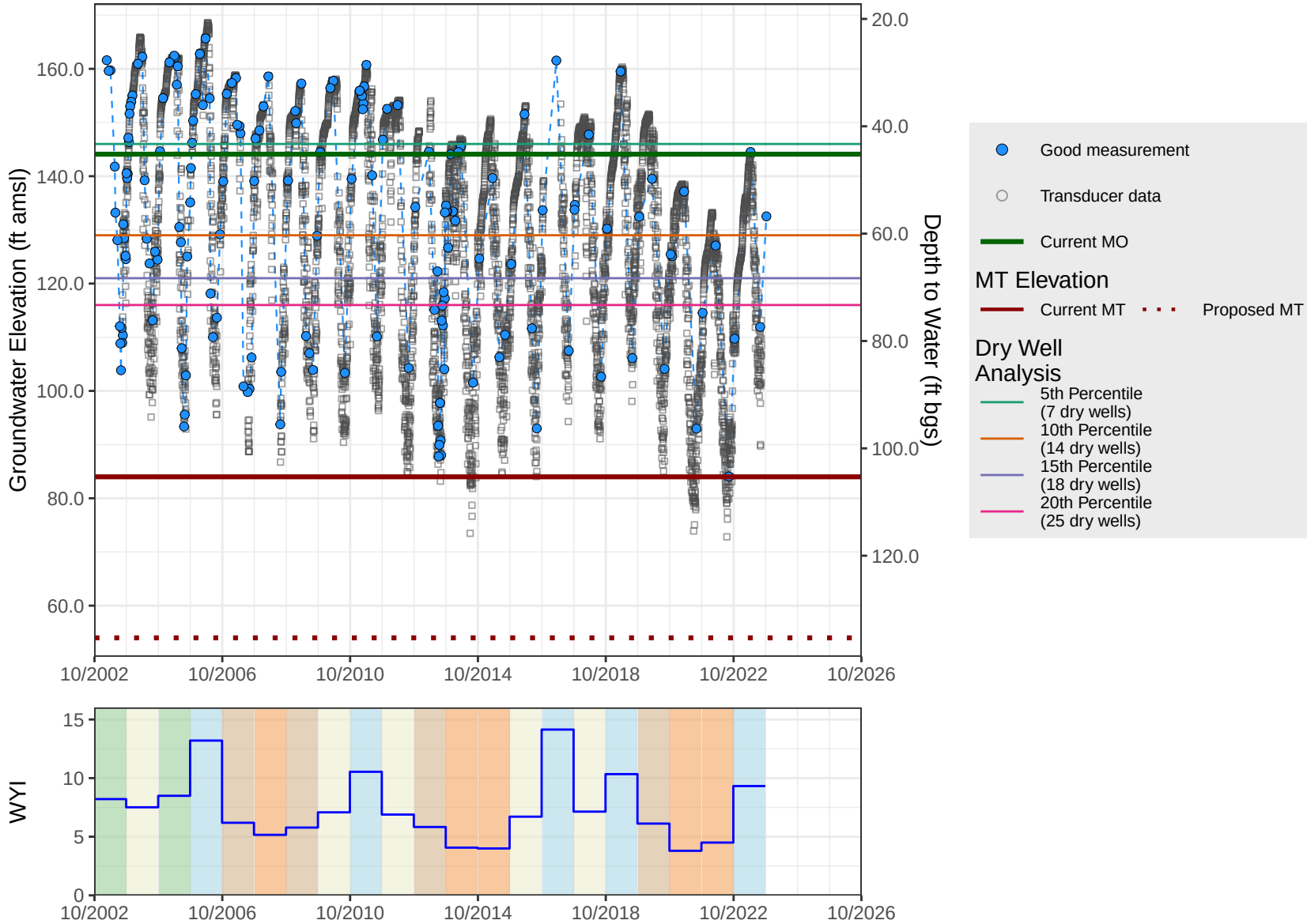
Upper Aquifer (Shallow Zone) Well Depth: 258 ft. Perforation top & bottom: 210 − 220 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 54 ft amsl
DTW: 136 ft bgs

SMC
IM (2027) = 135.4 ft amsl
MO = 144.1 ft amsl
Old MT = 84.0 ft amsl

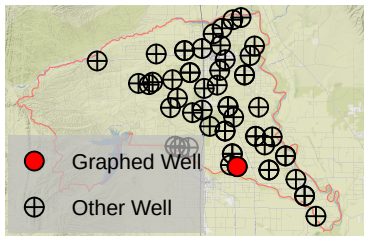
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −17.08 ft
Ave. change = −0.85 ft/yr
Ave. WL = 152.2 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	122	60	48	2	0	12
Number and Percent Impacted	52 (43%)	41 (34%)	4 (3%)	2 (2%)	0 (0%)	5 (4%)

Corning Subbasin − State Well Number (SWN) 22N02W18C001M

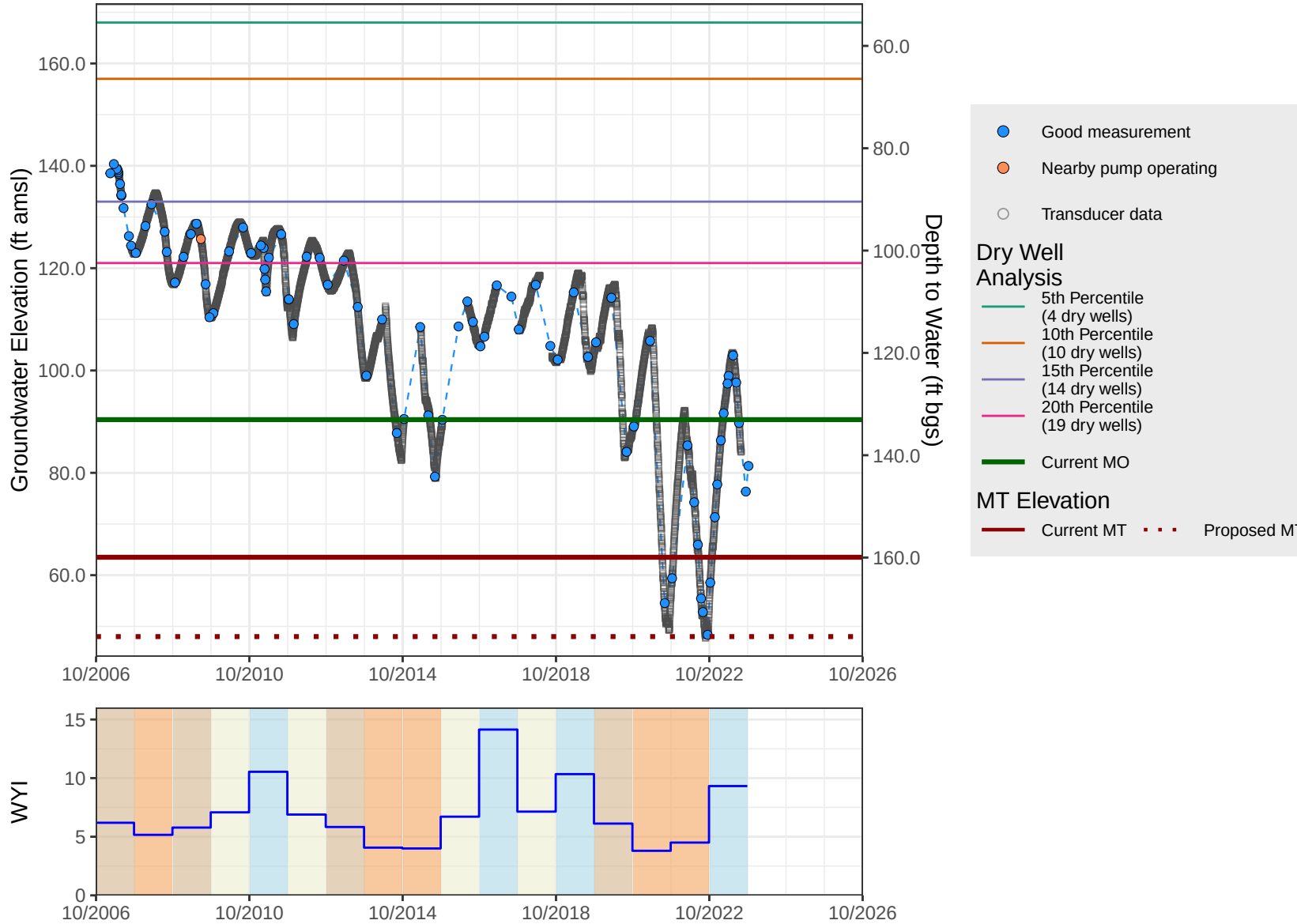
Upper Aquifer (Deep Zone) Well Depth: 1062 ft. Perforation top & bottom: 841 − 1029 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 48 ft amsl
DTW: 176 ft bgs

SMC
IM (2027) = 90.4 ft amsl
MO = 90.4 ft amsl
Old MT = 63.5 ft amsl

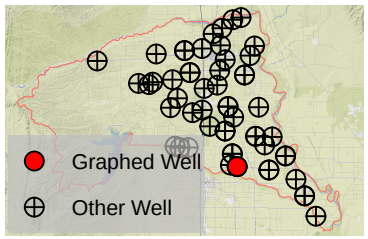
Statistics of Spring WL
Past 16 years (2007 to 2023)
Change = −41.4 ft
Ave. change = −2.59 ft/yr
Ave. WL = 115.94 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	93	47	38	0	0	8
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 22N02W18C003M

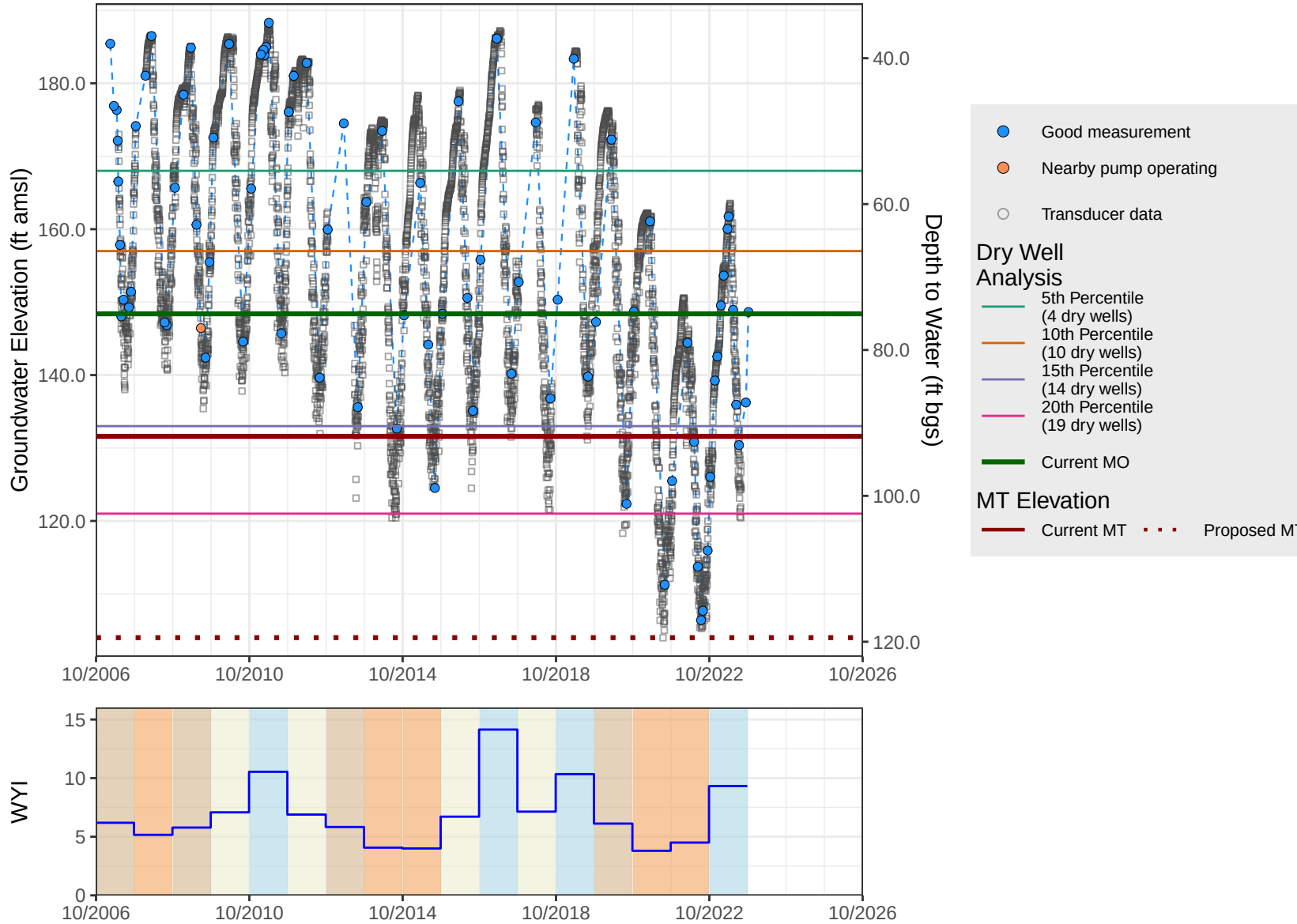
Upper Aquifer (Shallow Zone) Well Depth: 188 ft. Perforation top & bottom: 165 − 175 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 104 ft amsl
DTW: 119 ft bgs

SMC
IM (2027) = 147.6 ft amsl
MO = 148.4 ft amsl
Old MT = 131.6 ft amsl

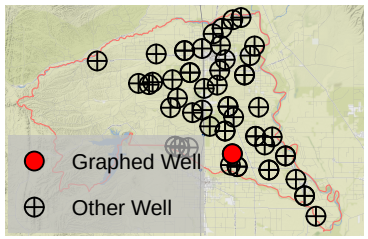
Statistics of Spring WL
Past 16 years (2007 to 2023)
Change = −23.68 ft
Ave. change = −1.48 ft/yr
Ave. WL = 175.8 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	93	47	38	0	0	8
Number and Percent Impacted	29 (31%)	22 (24%)	2 (2%)	0 (0%)	0 (0%)	5 (5%)

Corning Subbasin − State Well Number (SWN) 22N03W01R001M

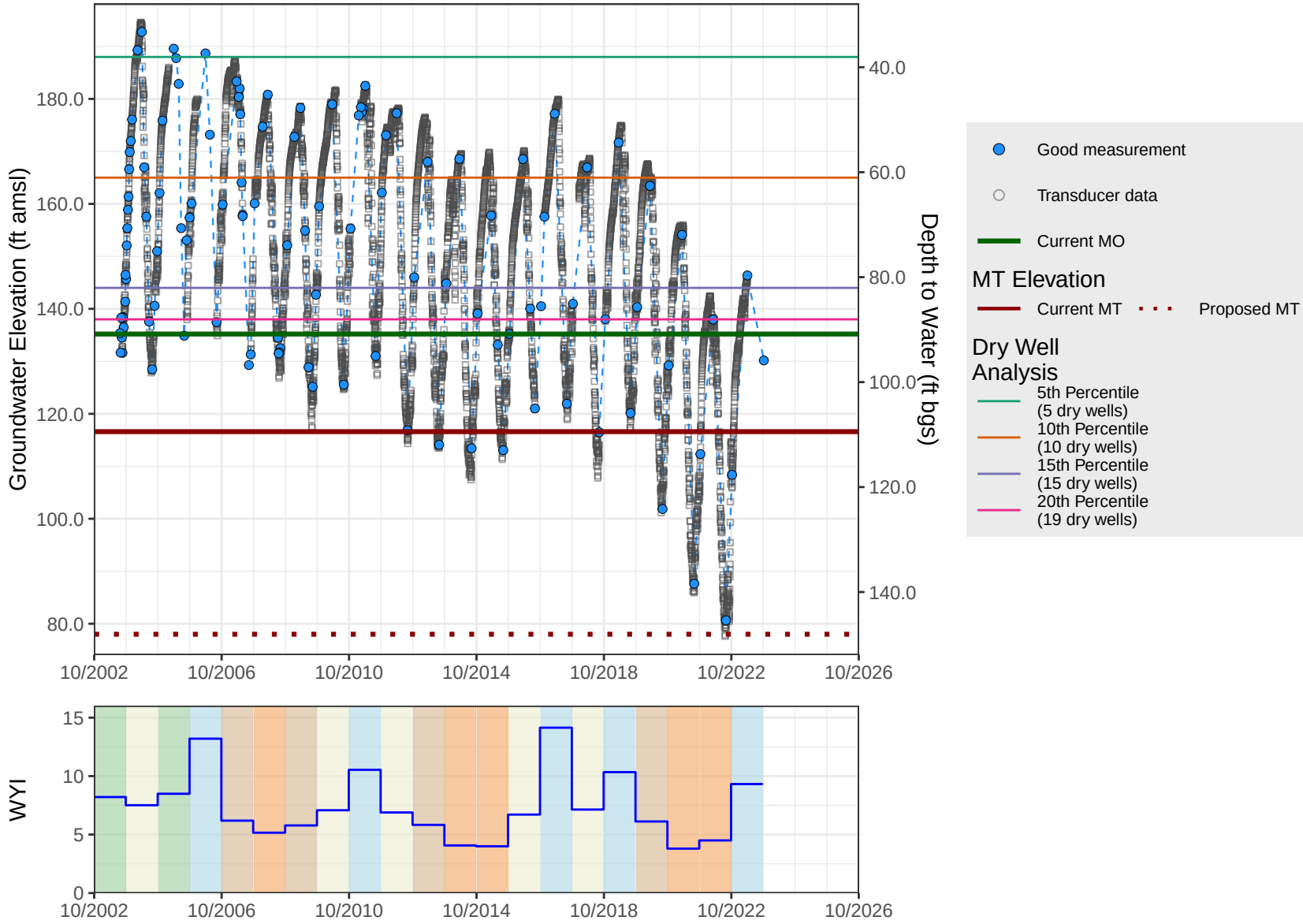
Upper Aquifer (Deep Zone) Well Depth: 515 ft. Perforation top & bottom: 470 − 480 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 78 ft amsl
DTW: 148 ft bgs

SMC
IM (2027) = 135.2 ft amsl
MO = 135.2 ft amsl
Old MT = 116.6 ft amsl

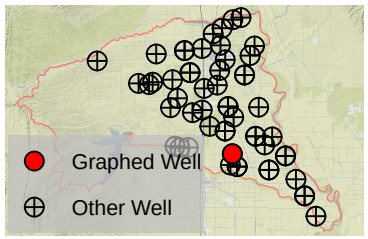
Statistics of Spring WL
Past 19 years (2004 to 2023)
Change = −46.4 ft
Ave. change = −2.44 ft/yr
Ave. WL = 171.64 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	95	60	29	0	0	6
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 22N03W01R002M

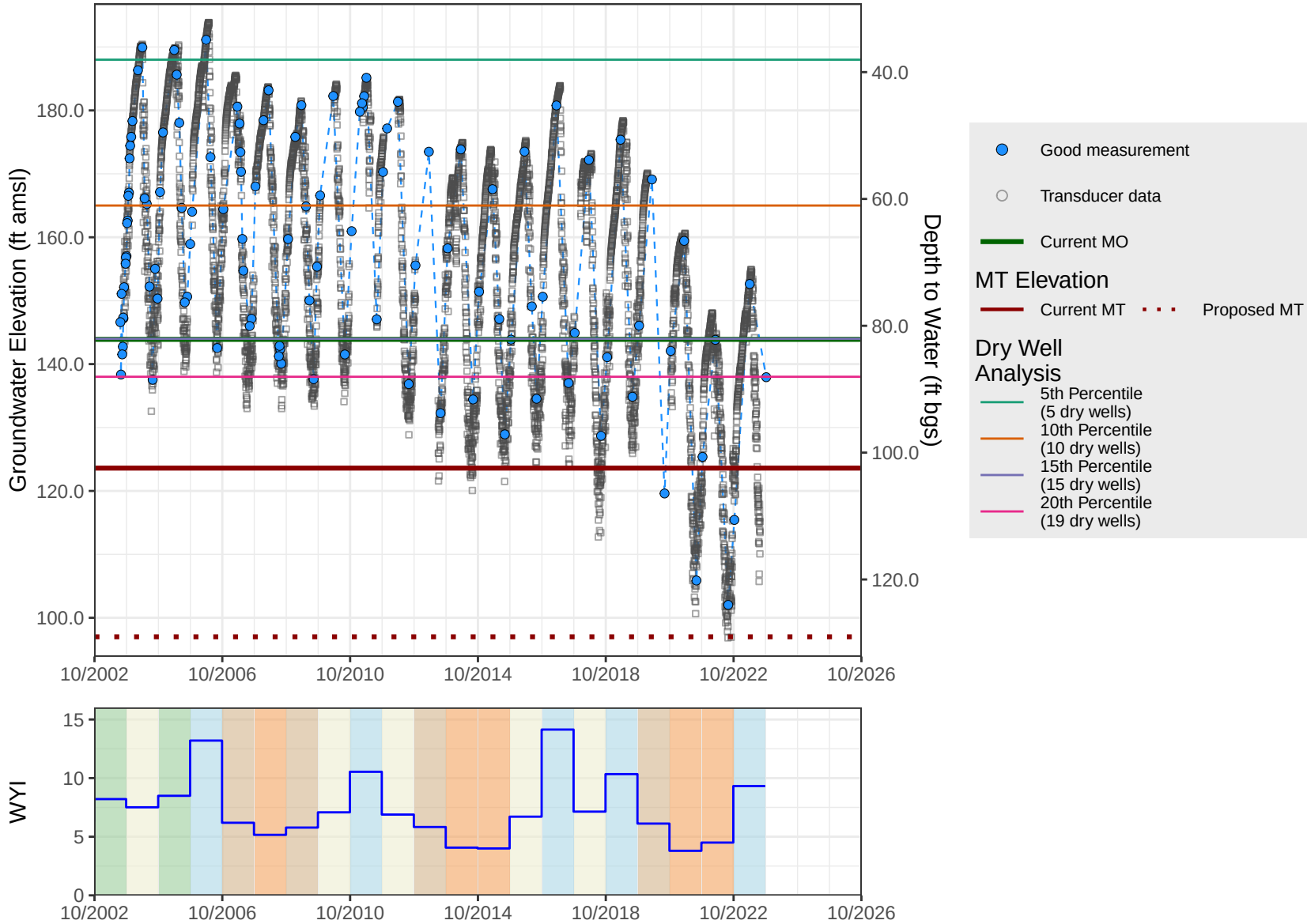
Upper Aquifer (Shallow Zone) Well Depth: 314 ft. Perforation top & bottom: 270 − 280 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 97 ft amsl
DTW: 129 ft bgs

SMC
IM (2027) = 143.9 ft amsl
MO = 143.9 ft amsl
Old MT = 123.6 ft amsl

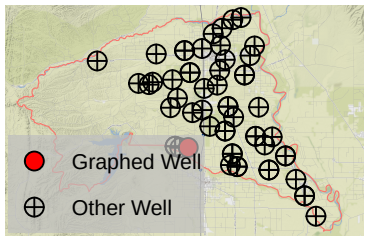
Statistics of Spring WL
Past 19 years (2004 to 2023)
Change = −37.3 ft
Ave. change = −1.96 ft/yr
Ave. WL = 175.29 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	95	60	29	0	0	6
Number and Percent Impacted	39 (41%)	32 (34%)	2 (2%)	0 (0%)	0 (0%)	5 (5%)

Corning Subbasin − State Well Number (SWN) 22N03W05F002M

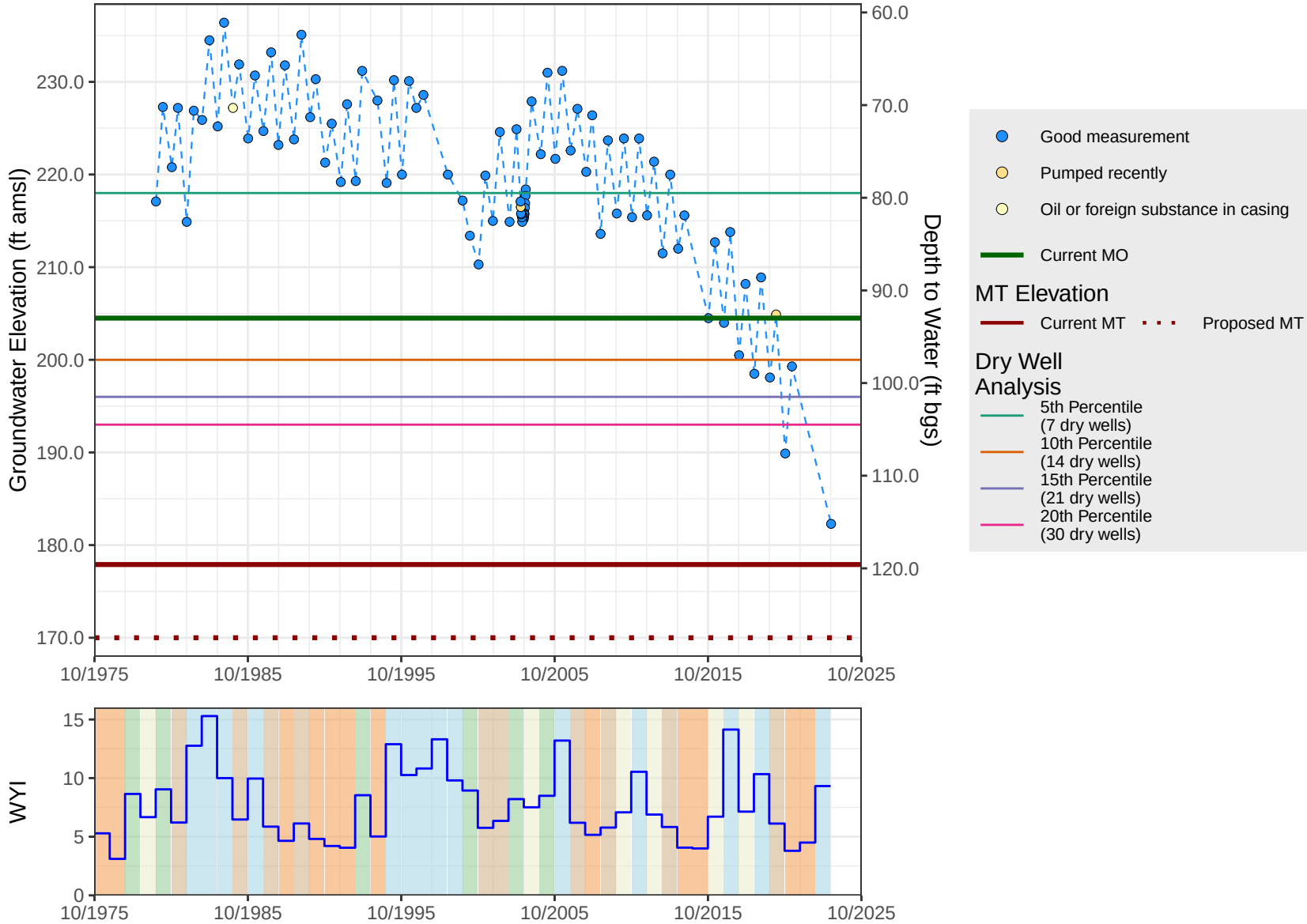
Upper Aquifer (Shallow Zone) Well Depth: 218 ft. Perforation top & bottom: 188 − 218 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 170 ft amsl
DTW: 128 ft bgs

SMC
IM (2027) = 199.7 ft amsl
MO = 204.5 ft amsl
Old MT = 177.9 ft amsl

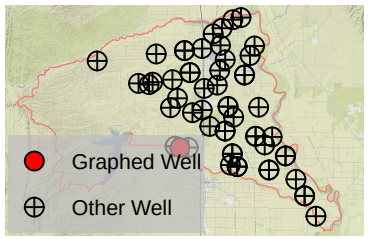
Statistics of Spring WL
Past 18 years (2003 to 2021)
Change = −25.6 ft
Ave. change = −1.42 ft/yr
Ave. WL = 224.84 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	137	101	25	2	0	9
Number and Percent Impacted	56 (41%)	52 (38%)	2 (1%)	0 (0%)	0 (0%)	2 (1%)

Corning Subbasin − State Well Number (SWN) 22N03W06B001M

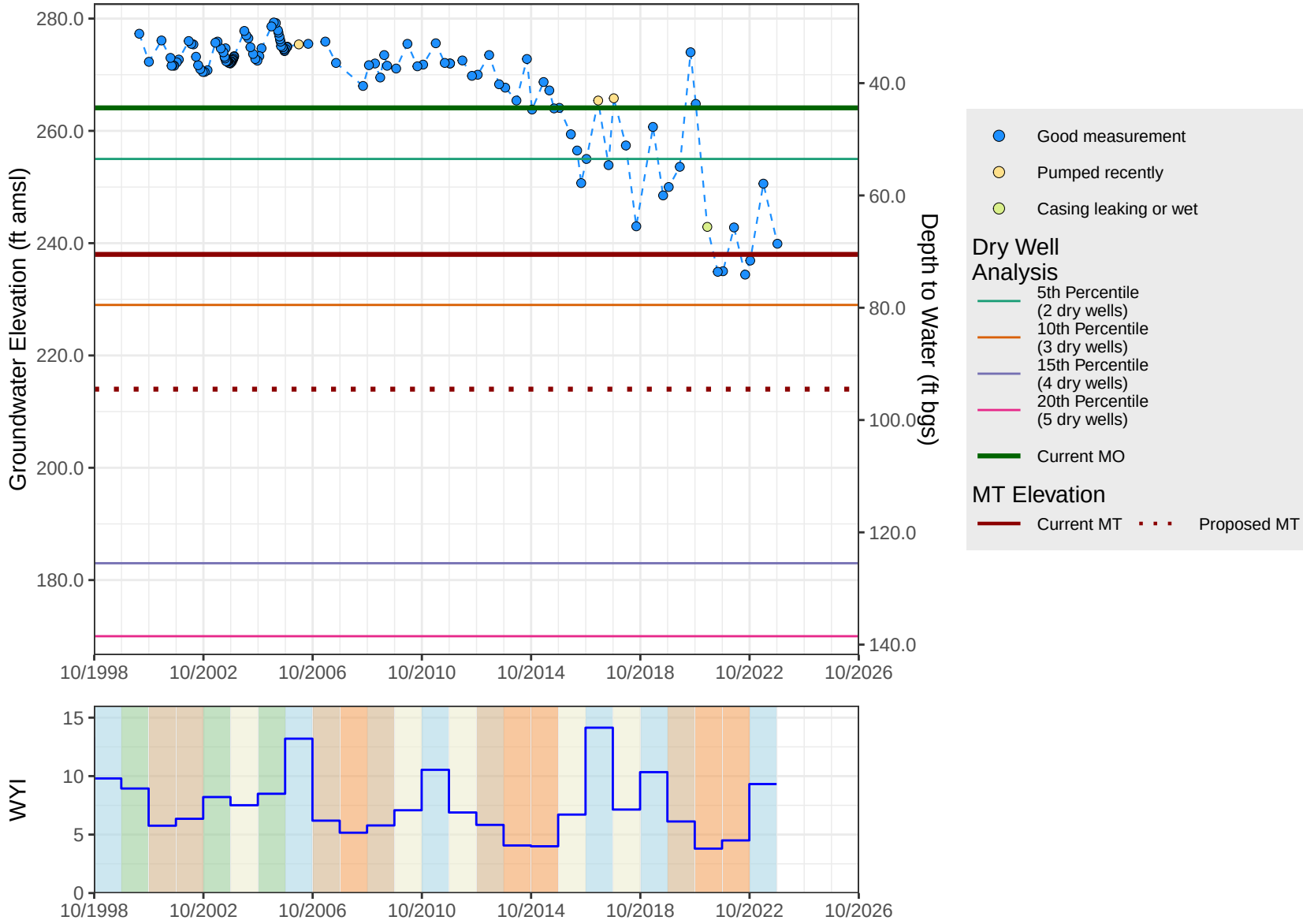
Upper Aquifer (Shallow Zone) Well Depth: 210 ft. Perforation top & bottom: 195 − 210 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 214 ft amsl
DTW: 94 ft bgs

SMC
IM (2027) = 253.5 ft amsl
MO = 264.1 ft amsl
Old MT = 238.0 ft amsl

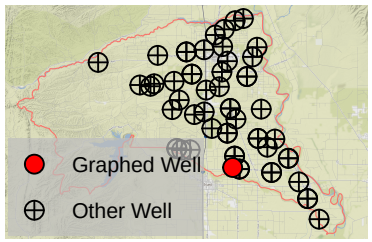
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −25.3 ft
Ave. change = −1.26 ft/yr
Ave. WL = 266.58 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	25	20	4	0	0	1
Number and Percent Impacted	3 (12%)	2 (8%)	0 (0%)	0 (0%)	0 (0%)	1 (4%)

Corning Subbasin − State Well Number (SWN) 22N03W12Q003M

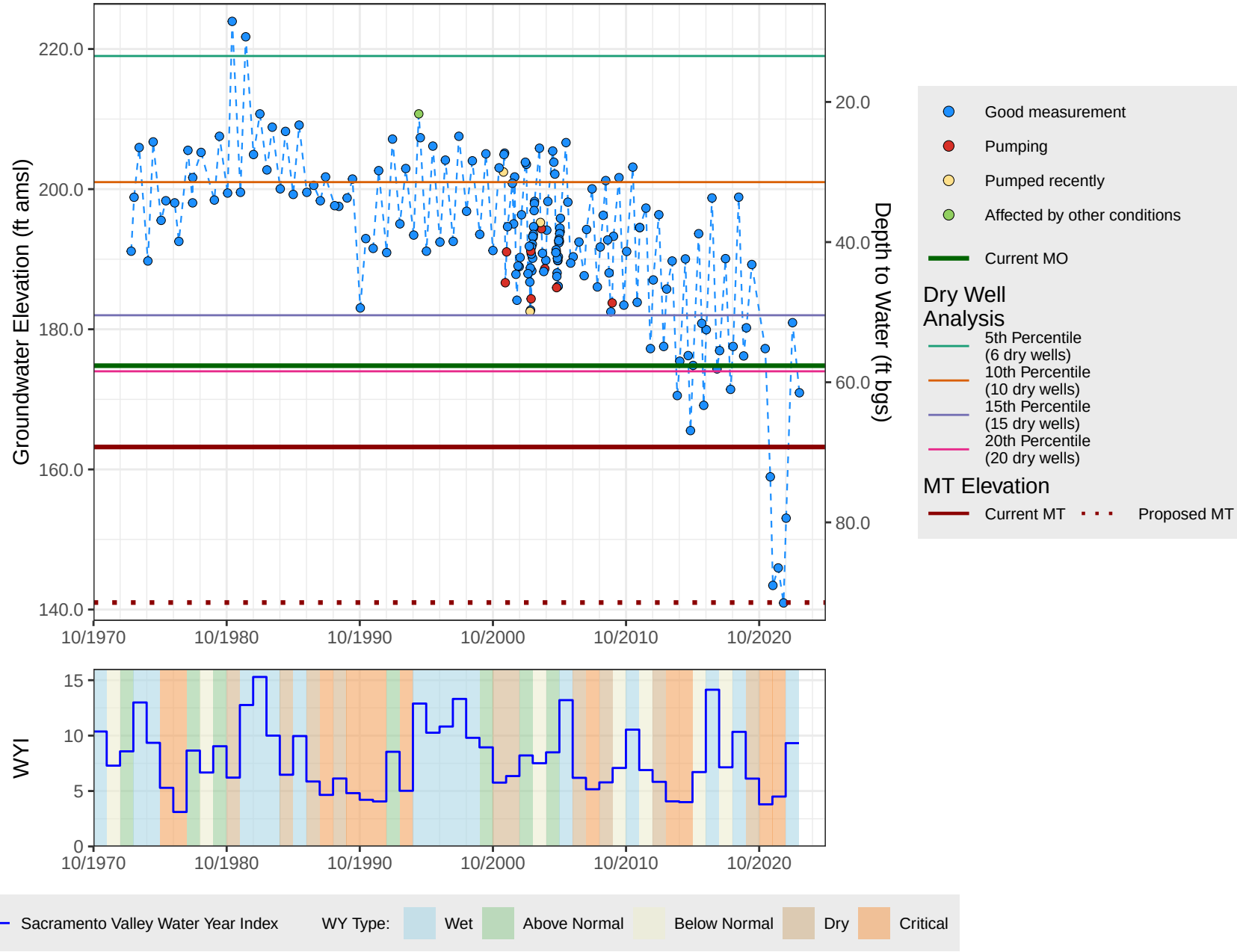
Upper Aquifer (Shallow Zone) Well Depth: 124 ft. Perforation top & bottom: 112 − 123 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 141 ft amsl
DTW: 92 ft bgs

SMC
IM (2027) = 174.8 ft amsl
MO = 174.8 ft amsl
Old MT = 163.2 ft amsl

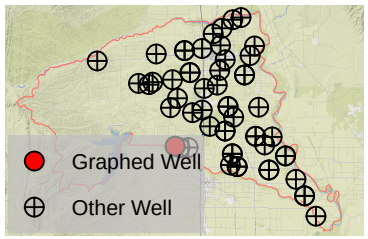
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = −22.9 ft
Ave. change = −1.15 ft/yr
Ave. WL = 200.25 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	98	67	21	0	0	10
Number and Percent Impacted	35 (36%)	24 (24%)	2 (2%)	0 (0%)	0 (0%)	9 (9%)

Corning Subbasin − State Well Number (SWN) 22N04W01A002M

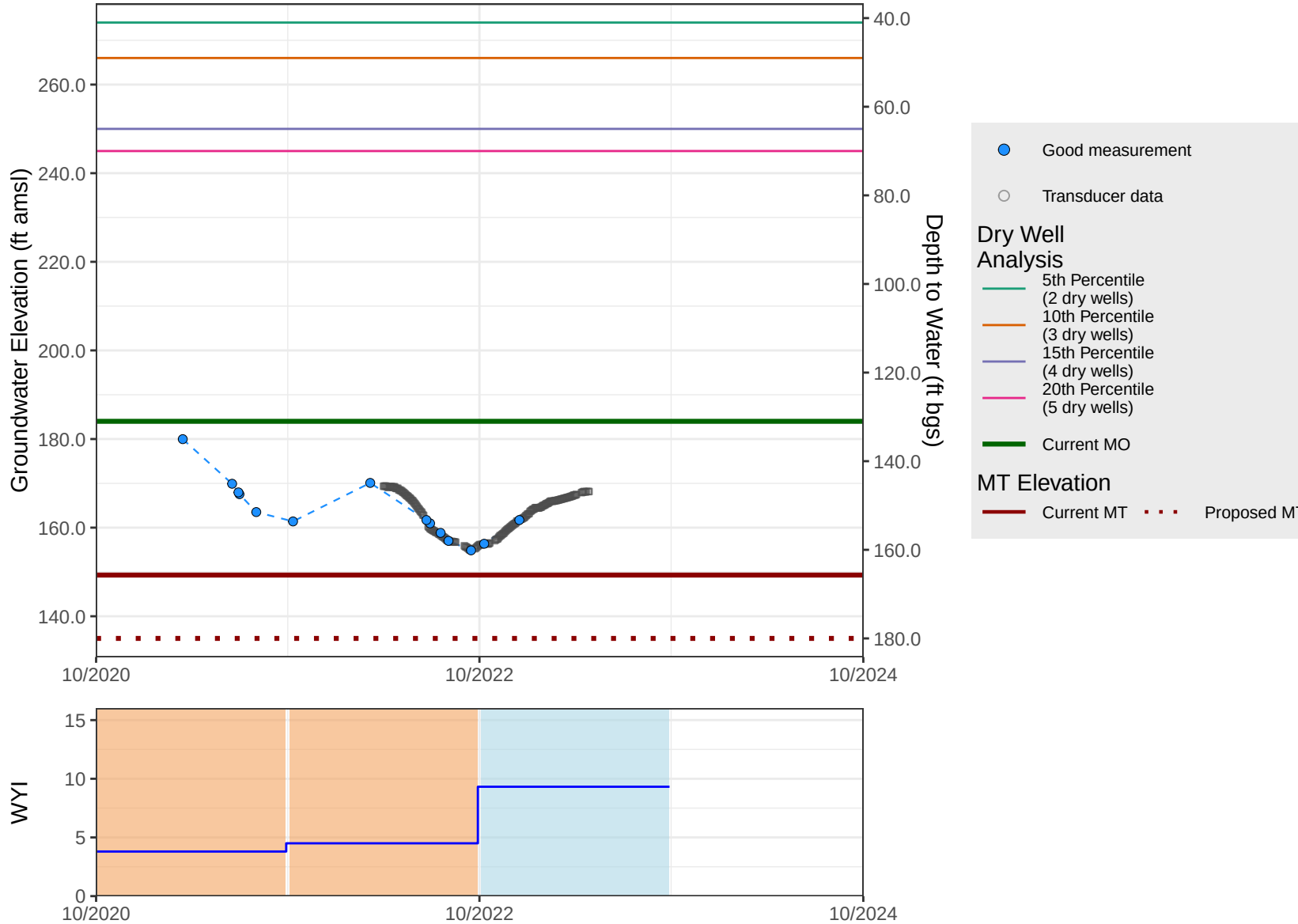
Upper Aquifer (Deep Zone) Well Depth: 550 ft. Perforation top & bottom: 520 − 530 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 135 ft amsl
DTW: 180 ft bgs

SMC
IM (2027) = 184.0 ft amsl
MO = 184.0 ft amsl
Old MT = 149.3 ft amsl

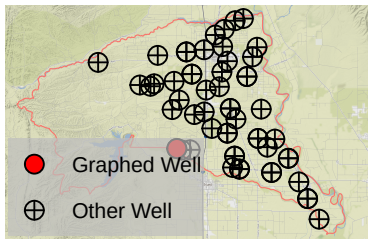
Sufficient data not available f
spring WL statistics for 3 yea



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	24	8	16	0	0	0
Number and Percent Impacted	12 (50%)	6 (25%)	6 (25%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 22N04W01A004M

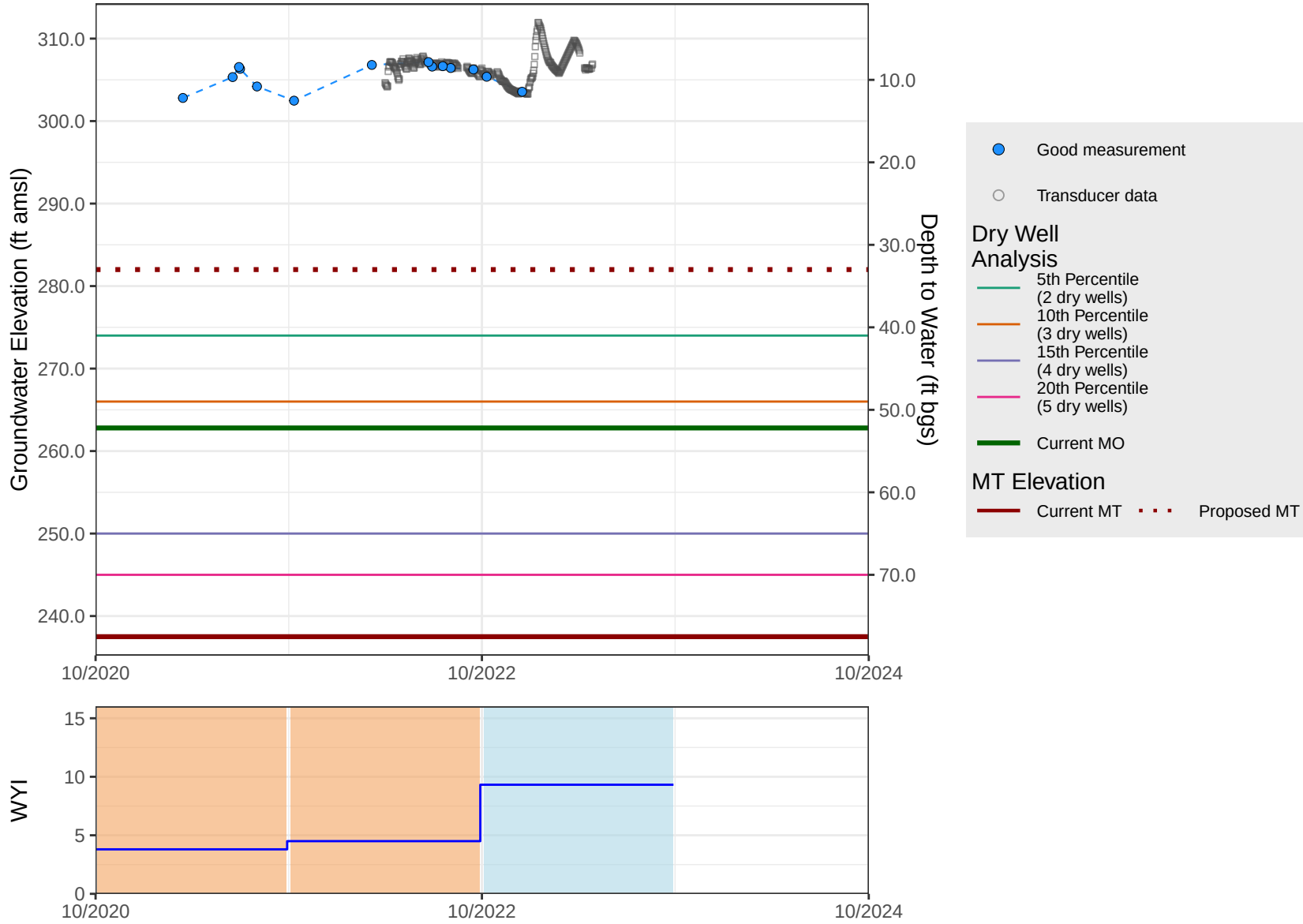
Upper Aquifer (Shallow Zone) Well Depth: 70 ft. Perforation top & bottom: 40 − 50 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 282 ft amsl
DTW: 33 ft bgs

SMC
IM (2027) = 262.8 ft amsl
MO = 262.8 ft amsl
Old MT = 237.5 ft amsl

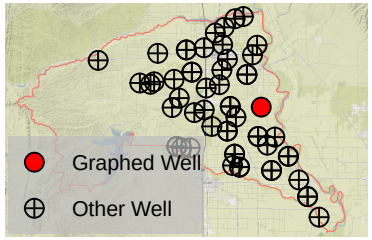
Sufficient data not available fo
spring WL statistics for 3 year



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	24	8	16	0	0	0
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N02W16B001M

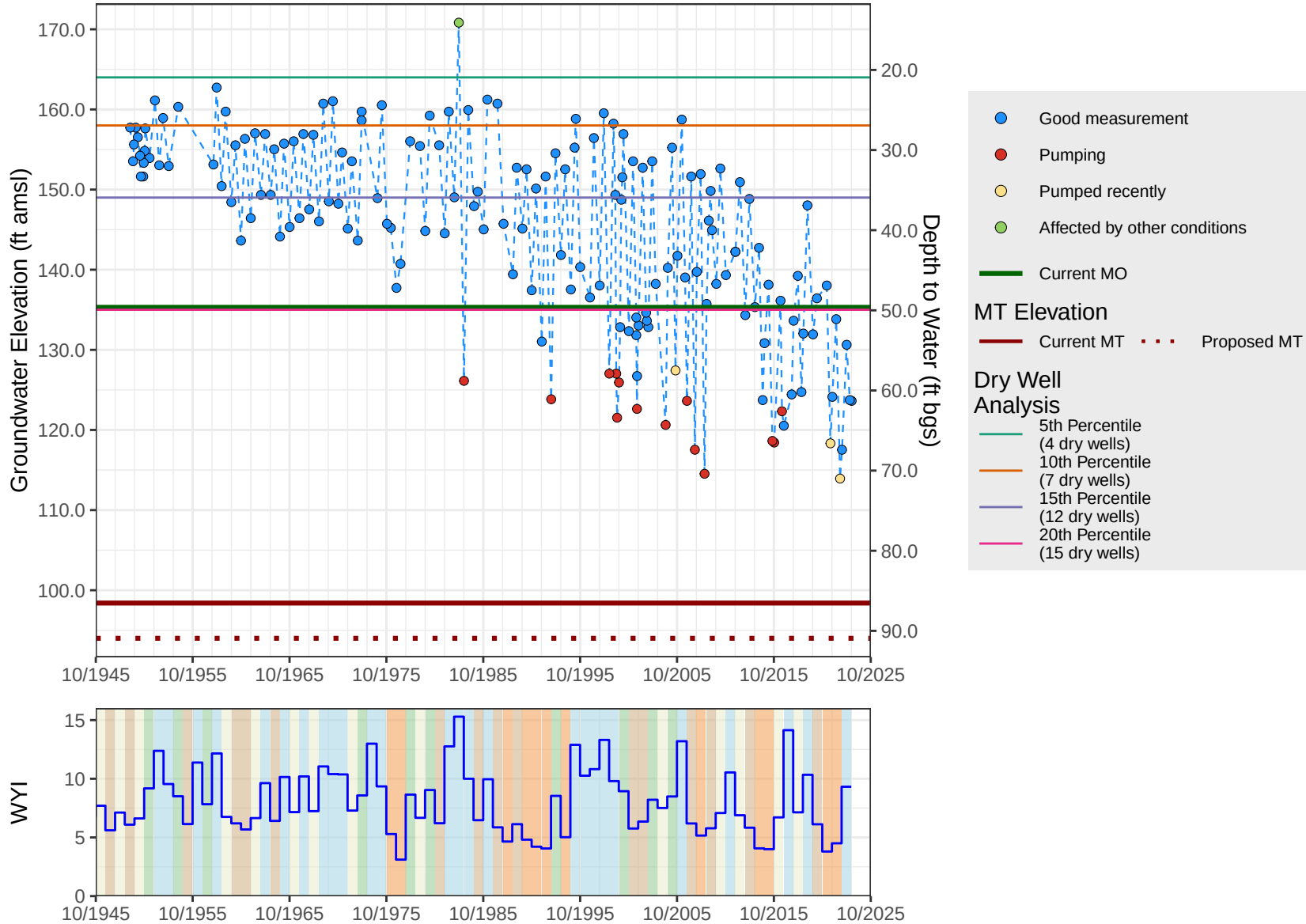
Upper Aquifer (Shallow Zone) Well Depth: 120 ft. Perforation top & bottom: 100 − 120 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 94 ft amsl
DTW: 91 ft bgs

SMC
IM (2027) = 132.8 ft amsl
MO = 135.3 ft amsl
Old MT = 98.4 ft amsl

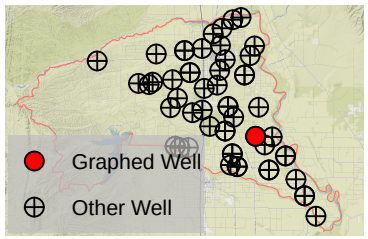
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = −22.9 ft
Ave. change = −1.15 ft/yr
Ave. WL = 153.51 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	72	31	37	0	0	4
Number and Percent Impacted	34 (47%)	15 (21%)	17 (24%)	0 (0%)	0 (0%)	2 (3%)

Corning Subbasin − State Well Number (SWN) 23N02W28N002M

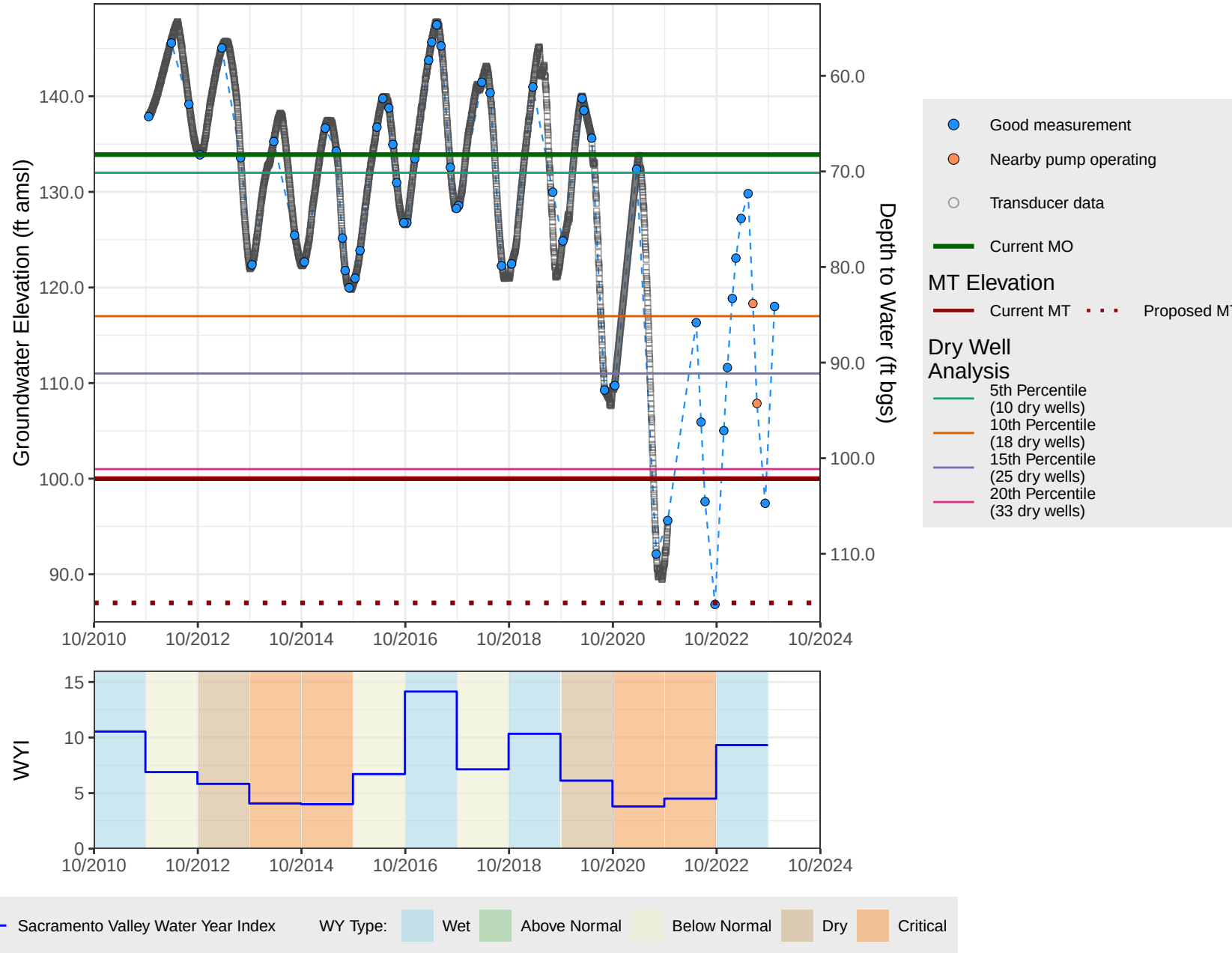
Upper Aquifer (Deep Zone) Well Depth: 580 ft. Perforation top & bottom: 550 − 570 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 87 ft amsl
DTW: 115 ft bgs

SMC
IM (2027) = 127.1 ft amsl
MO = 133.9 ft amsl
Old MT = 100.0 ft amsl

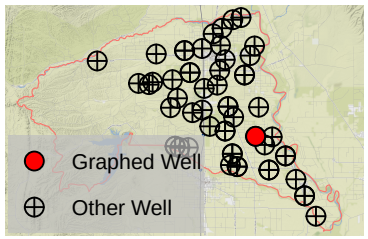
Statistics of Spring WL
Past 11 years (2012 to 2023)
Change = −18.35 ft
Ave. change = −1.67 ft/yr
Ave. WL = 139.07 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	165	80	82	0	0	3
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N02W28N004M

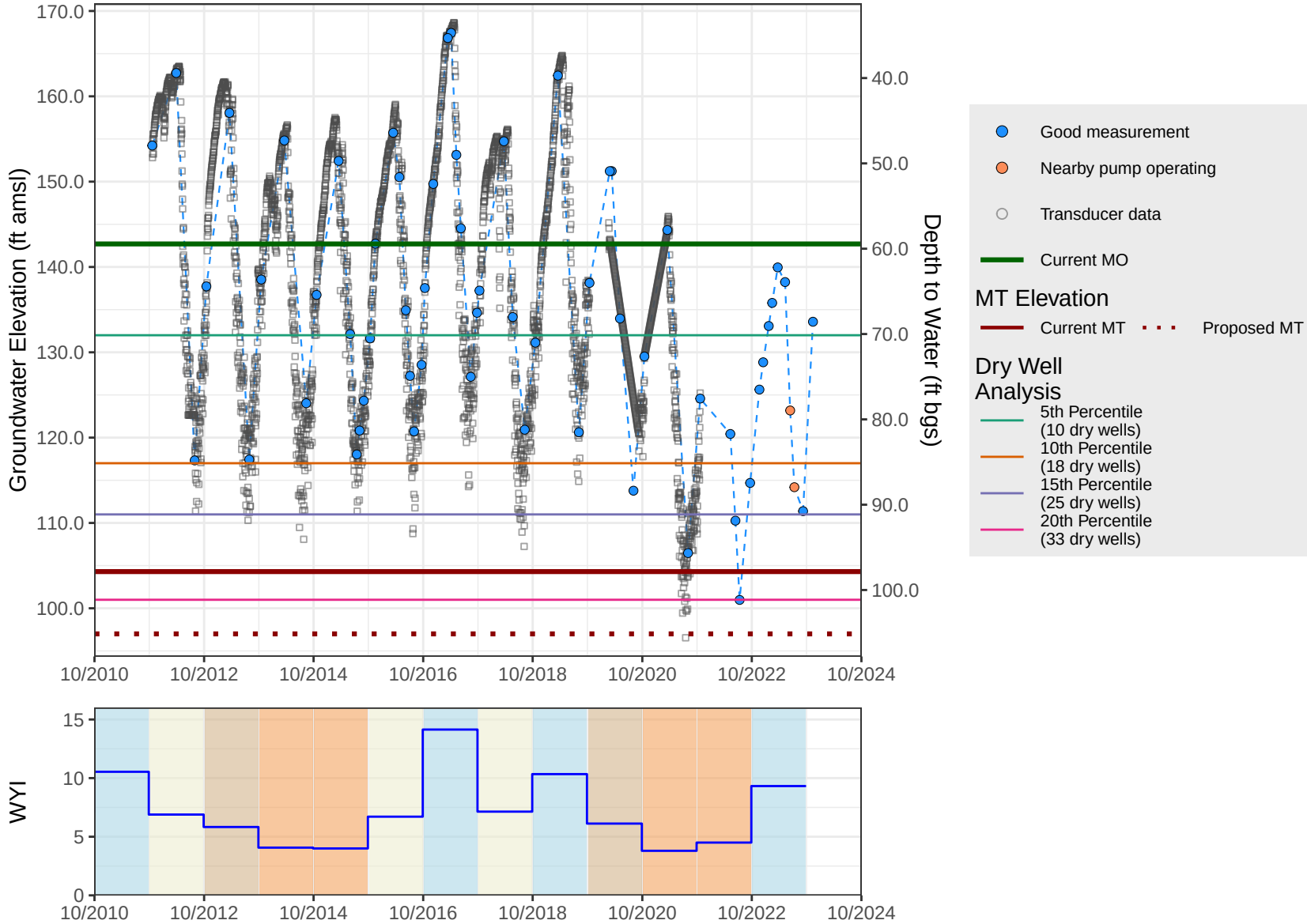
Upper Aquifer (Shallow Zone) Well Depth: 205 ft. Perforation top & bottom: 100 − 170 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 97 ft amsl
DTW: 106 ft bgs

SMC
IM (2027) = 139.3 ft amsl
MO = 142.7 ft amsl
Old MT = 104.3 ft amsl

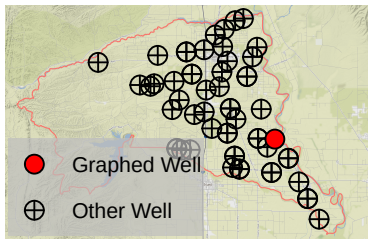
Statistics of Spring WL
Past 11 years (2012 to 2023)
Change = −22.78 ft
Ave. change = −2.07 ft/yr
Ave. WL = 154.9 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	165	80	82	0	0	3
Number and Percent Impacted	36 (22%)	30 (18%)	6 (4%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N02W34A003M

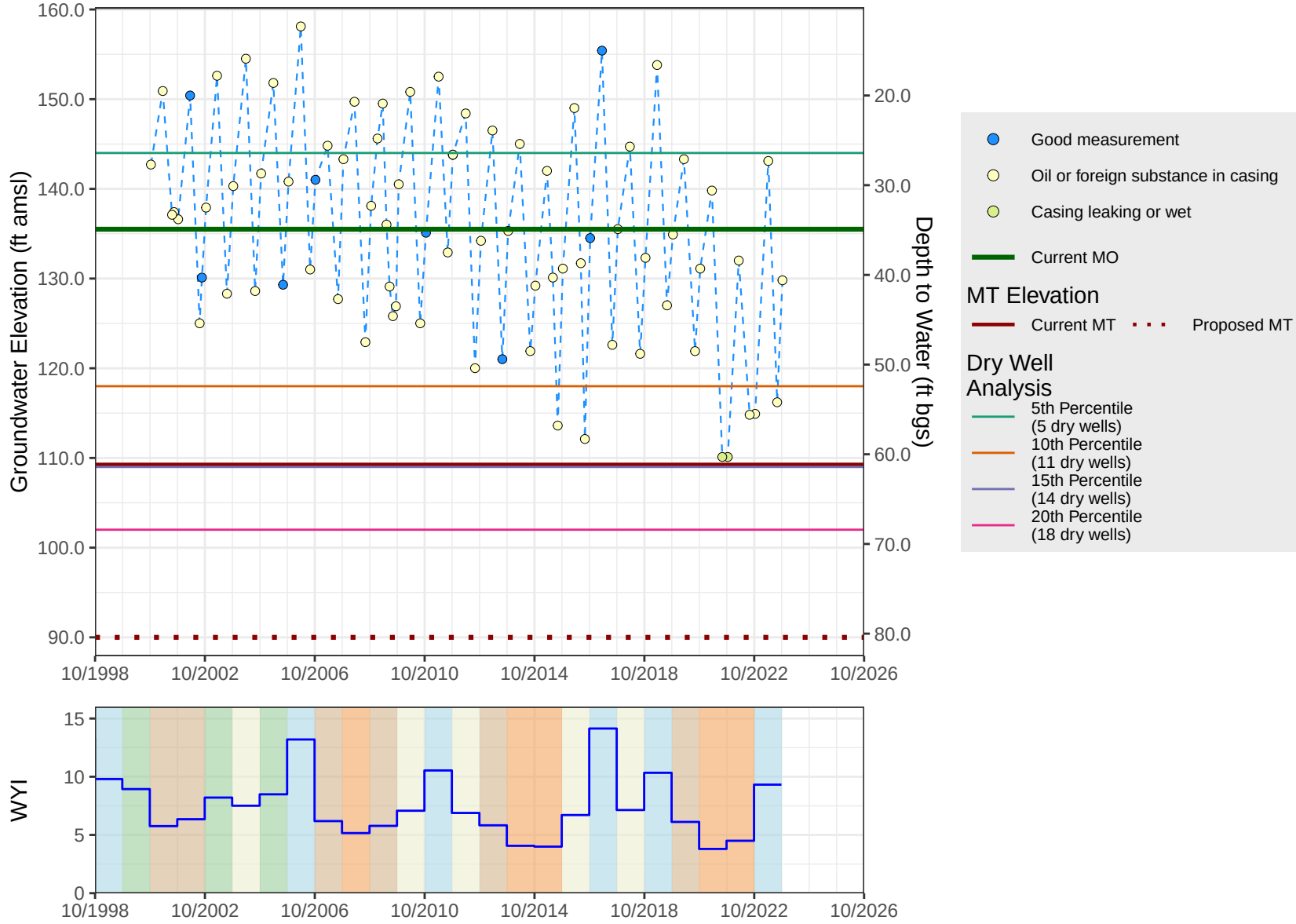
Upper Aquifer (Shallow Zone) Well Depth: 125 ft. Perforation top & bottom: 104 − 124 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 90 ft amsl
DTW: 80 ft bgs

SMC
IM (2027) = 135.1 ft amsl
MO = 135.5 ft amsl
Old MT = 109.2 ft amsl

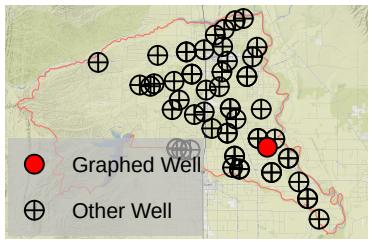
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = −9.5 ft
Ave. change = −0.48 ft/yr
Ave. WL = 148.21 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	90	54	32	0	0	4
Number and Percent Impacted	24 (27%)	22 (24%)	2 (2%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N02W34N001M

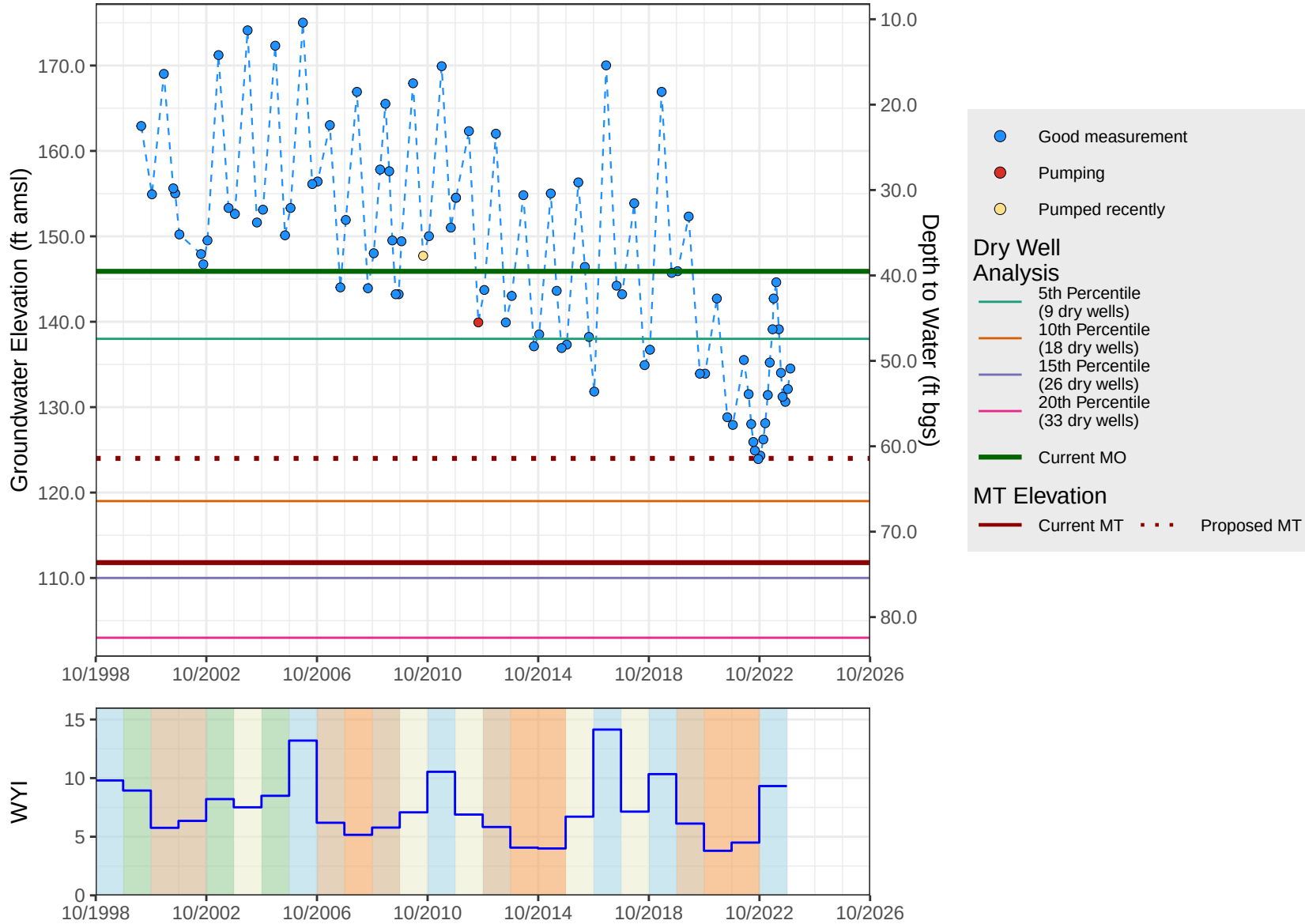
Upper Aquifer (Shallow Zone) Well Depth: 100 ft. Perforation top & bottom: 70 − 100 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 124 ft amsl
DTW: 62 ft bgs

SMC
IM (2027) = 145.9 ft amsl
MO = 145.9 ft amsl
Old MT = 111.8 ft amsl

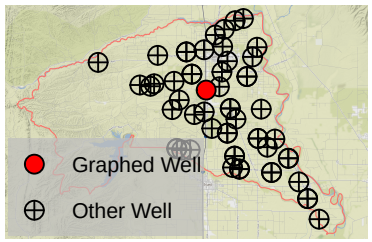
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = −28.5 ft
Ave. change = −1.43 ft/yr
Ave. WL = 161.34 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	162	88	64	1	0	9
Number and Percent Impacted	11 (7%)	6 (4%)	1 (1%)	0 (0%)	0 (0%)	4 (2%)

Corning Subbasin − State Well Number (SWN) 23N03W04H001M

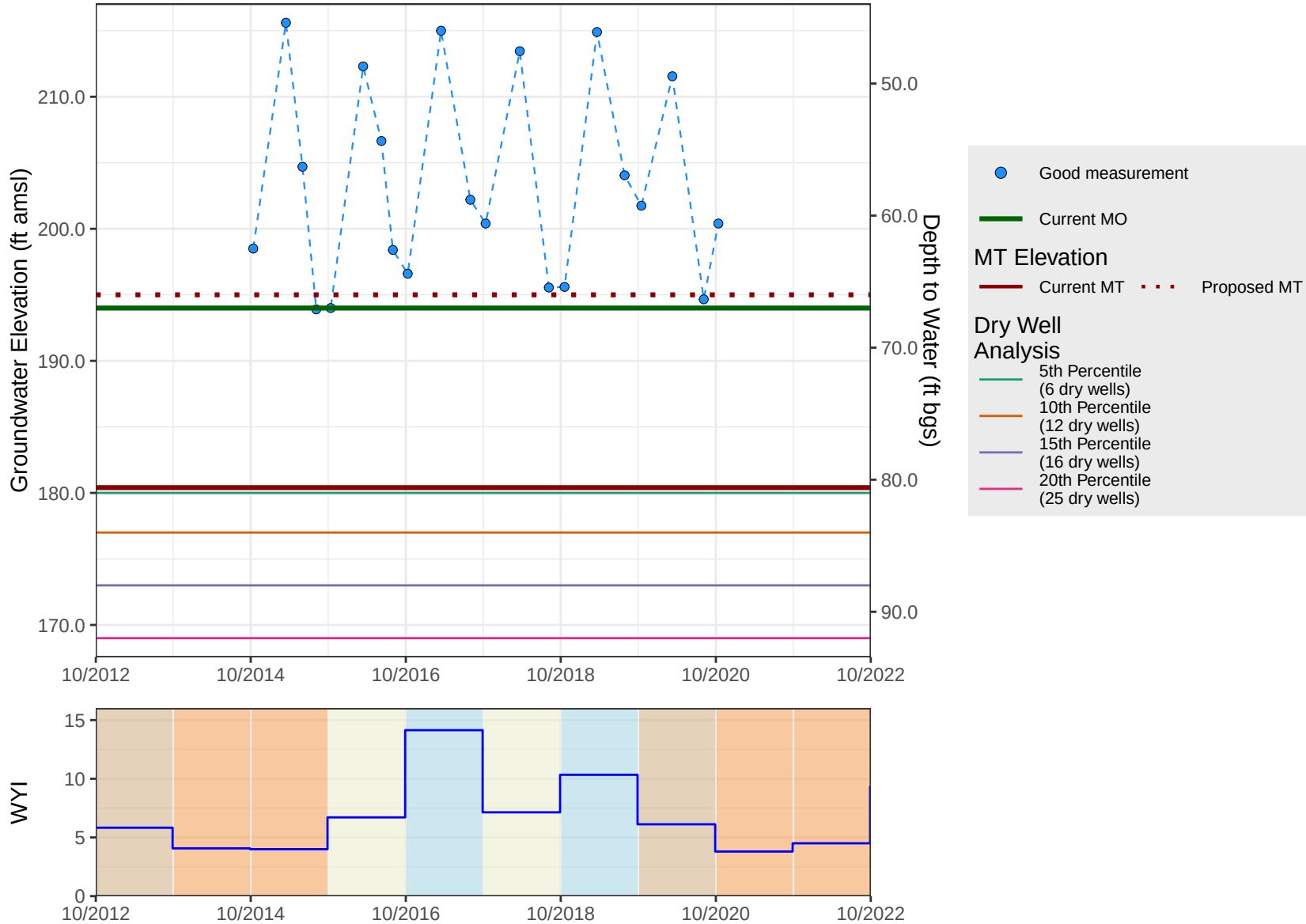
Upper Aquifer (Shallow Zone) Well Depth: 270 ft. Perforation top & bottom: 200 − 260 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 195 ft amsl
DTW: 66 ft bgs

SMC
IM (2027) = 194.0 ft amsl
MO = 194.0 ft amsl
Old MT = 180.4 ft amsl

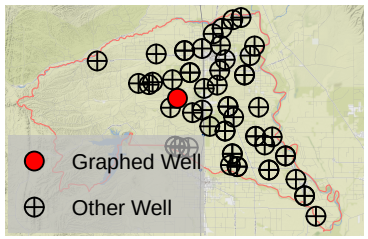
Statistics of Spring WL
Past 5 years (2015 to 2020):
Change = −4.05 ft
Ave. change = −0.81 ft/yr
Ave. WL = 213.8 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	117	86	20	1	1	9
Number and Percent Impacted	2 (2%)	2 (2%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N03W07F001M

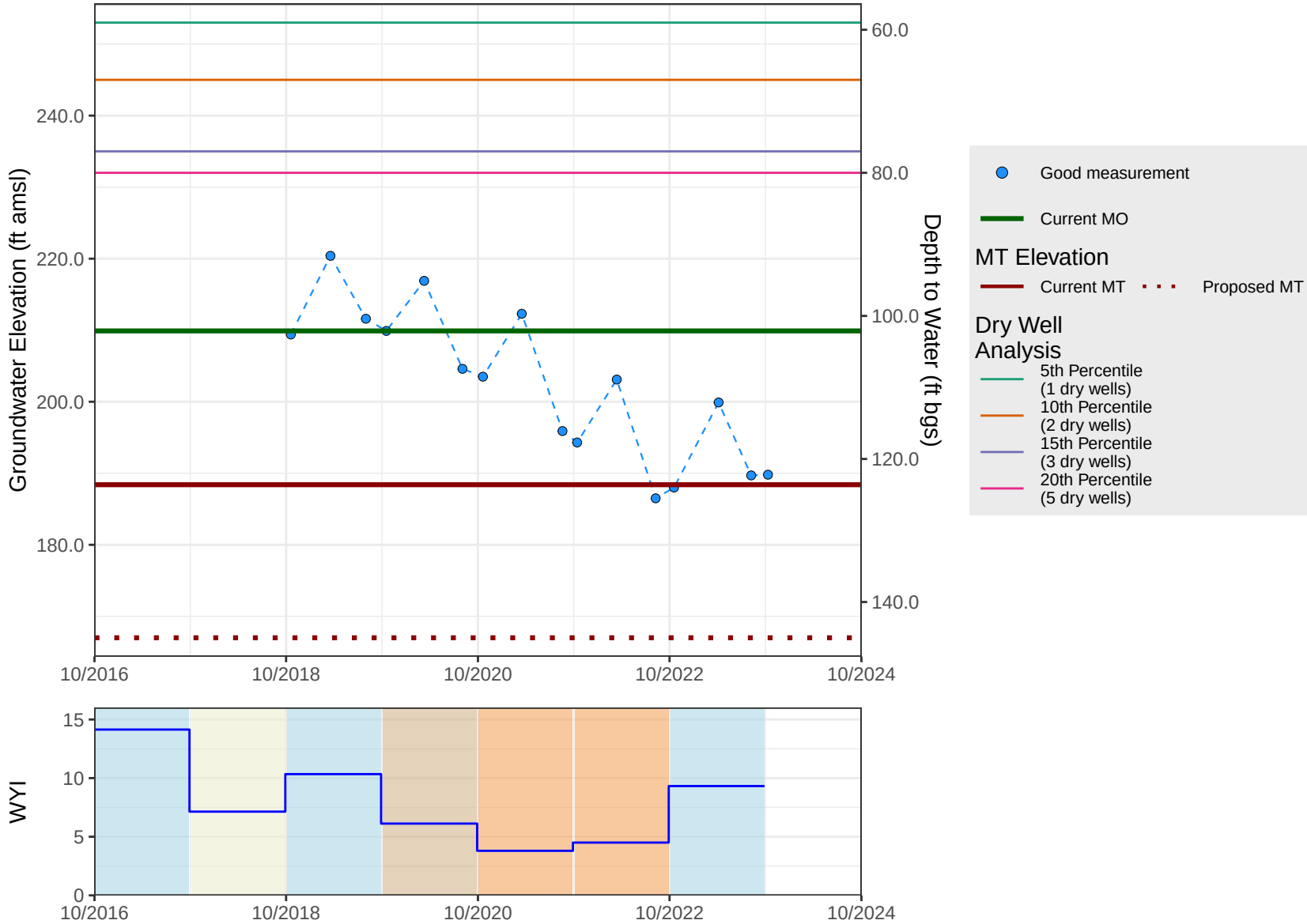
Upper Aquifer (Deep Zone) Well Depth: 790 ft. Perforation top & bottom: 240 − 790 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 167 ft amsl
DTW: 146 ft bgs

SMC
IM (2027) = 209.9 ft amsl
MO = 209.9 ft amsl
Old MT = 188.4 ft amsl

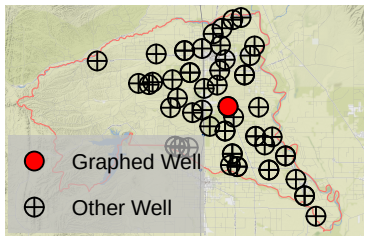
Statistics of Spring WL
Past 4 years (2019 to 2023):
Change = −20.5 ft
Ave. change = −5.12 ft/yr
Ave. WL = 210.52 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	20	10	7	0	0	3
Number and Percent Impacted	8 (40%)	7 (35%)	0 (0%)	0 (0%)	0 (0%)	1 (5%)

Corning Subbasin − State Well Number (SWN) 23N03W13C004M

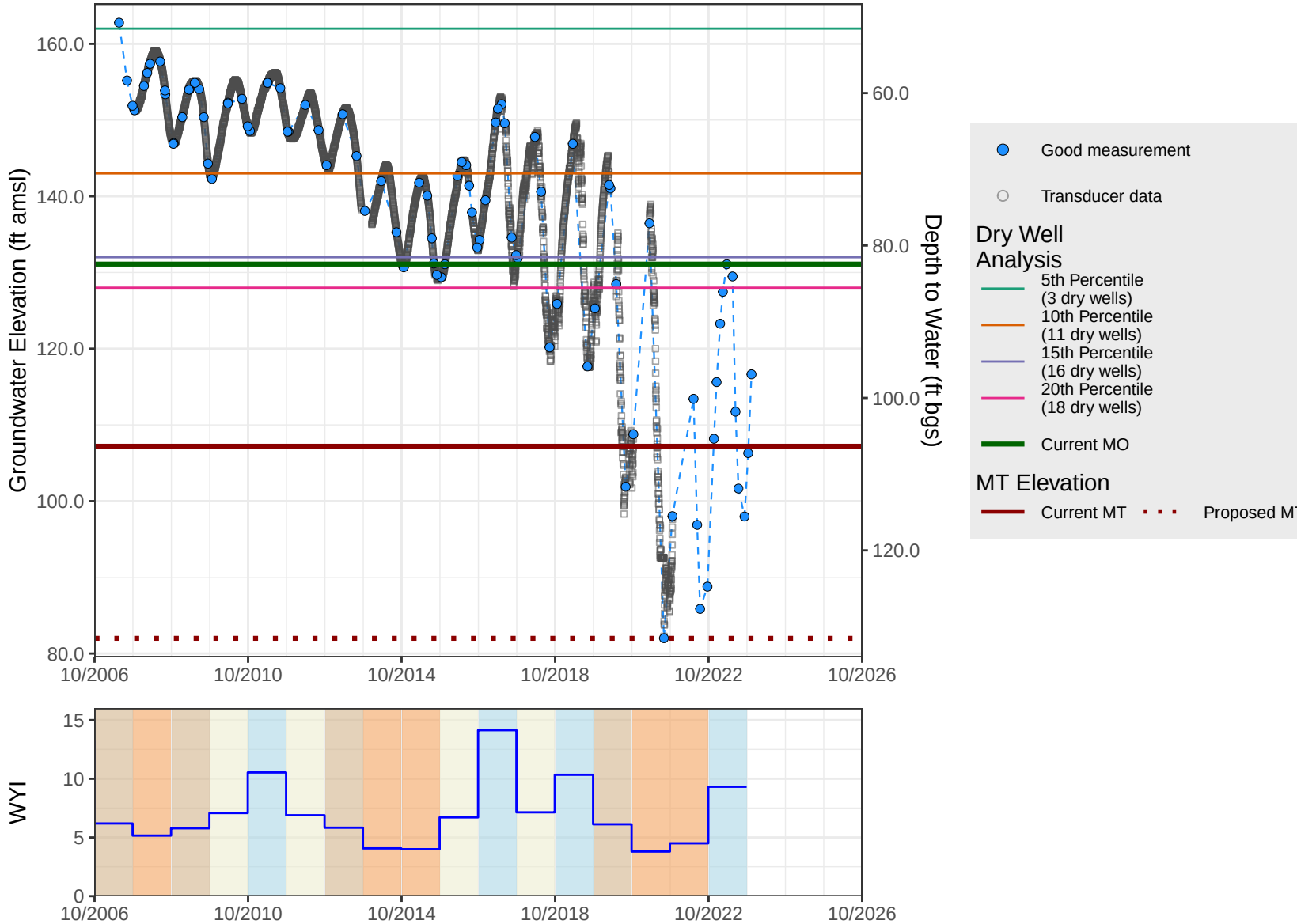
Upper Aquifer (Deep Zone) Well Depth: 835 ft. Perforation top & bottom: 815 − 825 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 82 ft amsl
DTW: 132 ft bgs

SMC
IM (2027) = 126.7 ft amsl
MO = 131.1 ft amsl
Old MT = 107.2 ft amsl

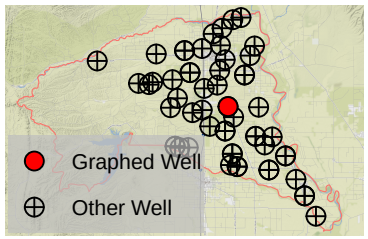
Statistics of Spring WL
Past 15 years (2008 to 2023)
Change = −26.3 ft
Ave. change = −1.75 ft/yr
Ave. WL = 146.98 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	102	75	23	0	1	3
Number and Percent Impacted	57 (56%)	48 (47%)	6 (6%)	0 (0%)	0 (0%)	3 (3%)

Corning Subbasin − State Well Number (SWN) 23N03W13C006M

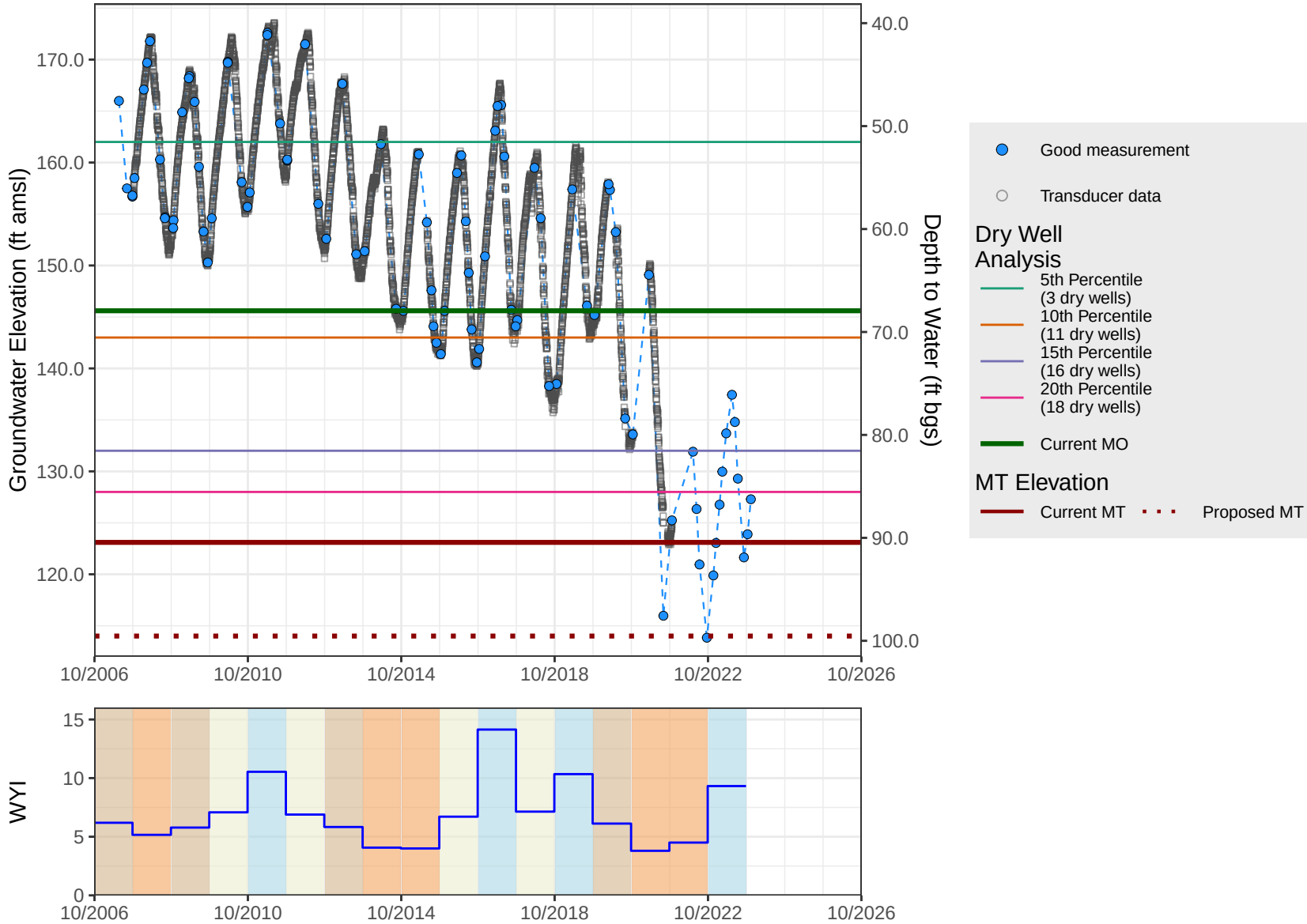
Upper Aquifer (Shallow Zone) Well Depth: 182 ft. Perforation top & bottom: 95 − 135 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 114 ft amsl
DTW: 100 ft bgs

SMC
IM (2027) = 145.3 ft amsl
MO = 145.6 ft amsl
Old MT = 123.1 ft amsl

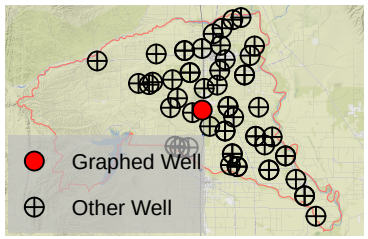
Statistics of Spring WL
Past 15 years (2008 to 2023)
Change = −38.1 ft
Ave. change = −2.54 ft/yr
Ave. WL = 161.87 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	102	75	23	0	1	3
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N03W16H001M

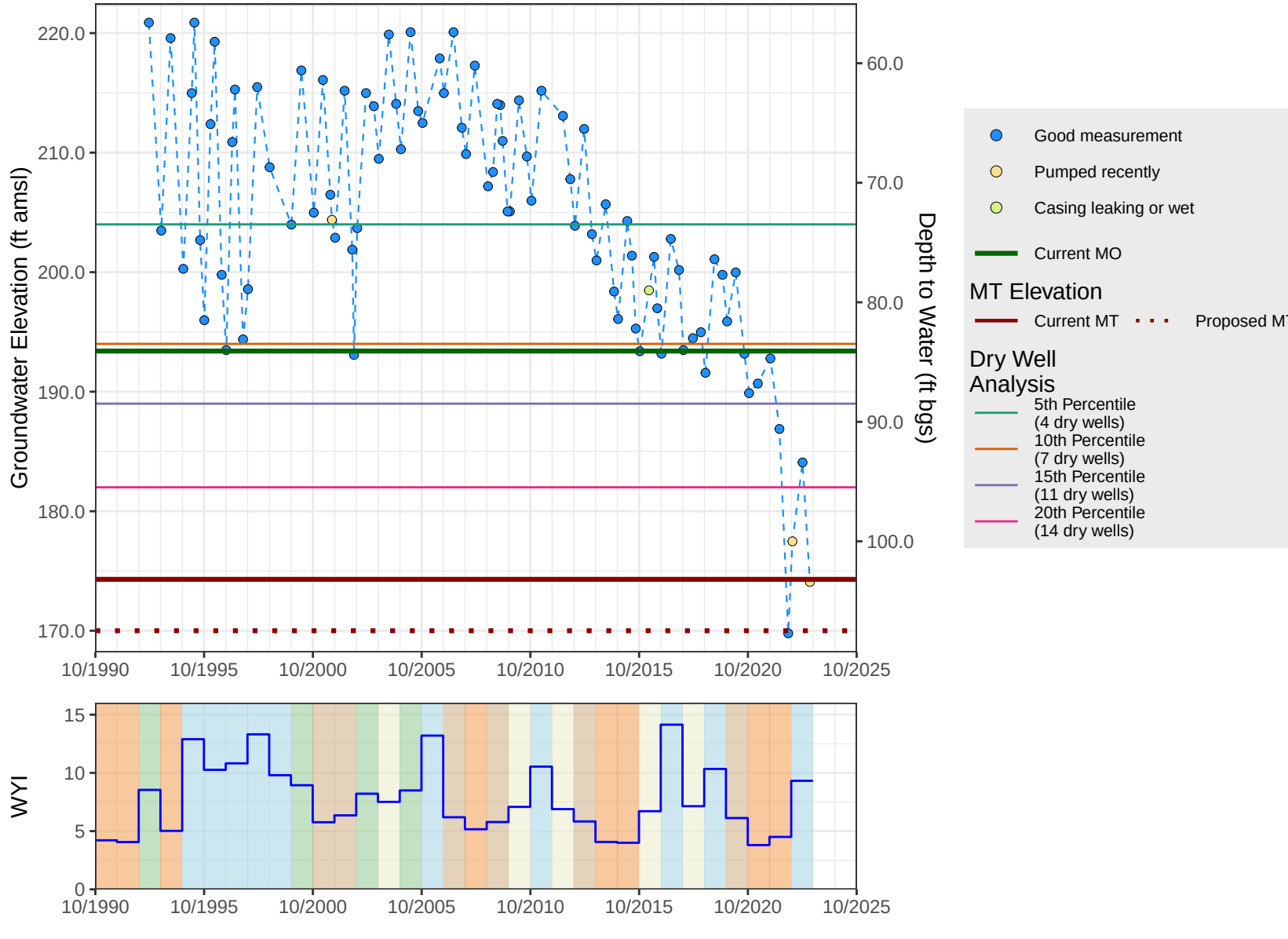
Upper Aquifer (Shallow Zone) Well Depth: 150 ft. Perforation top & bottom: 144 − 150 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 170 ft amsl
DTW: 108 ft bgs

SMC
IM (2027) = 193.4 ft amsl
MO = 193.4 ft amsl
Old MT = 174.3 ft amsl

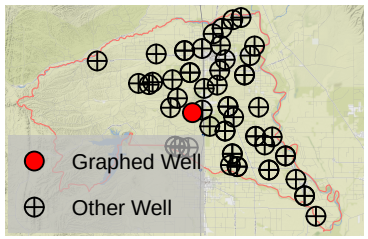
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −30.9 ft
Ave. change = −1.54 ft/yr
Ave. WL = 209.96 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	67	49	16	0	0	2
Number and Percent Impacted	18 (27%)	15 (22%)	2 (3%)	0 (0%)	0 (0%)	1 (1%)

Corning Subbasin − State Well Number (SWN) 23N03W17R001M

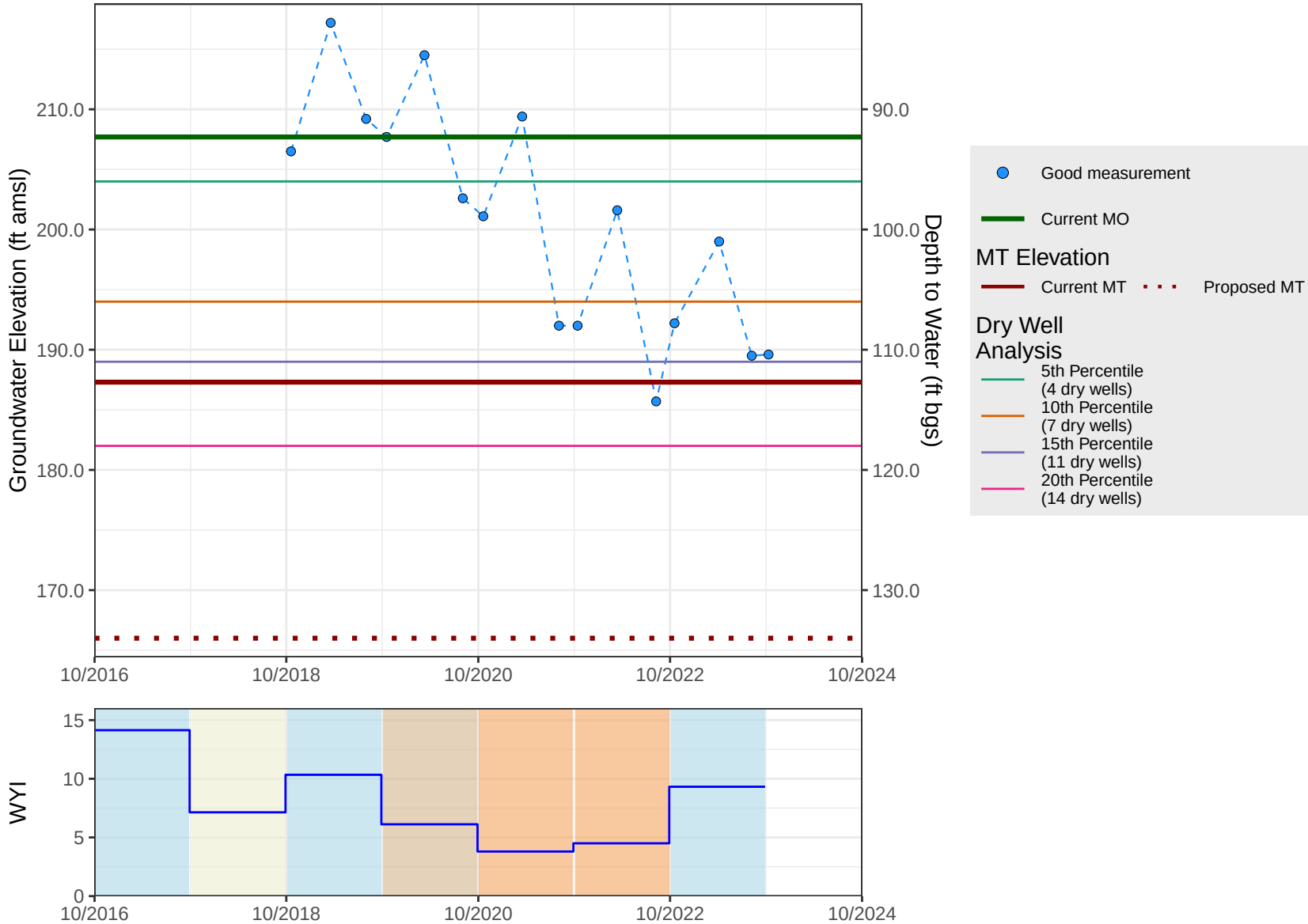
Upper Aquifer (Deep Zone) Well Depth: 720 ft. Perforation top & bottom: 360 − 720 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 166 ft amsl
DTW: 134 ft bgs

SMC
IM (2027) = 207.7 ft amsl
MO = 207.7 ft amsl
Old MT = 187.3 ft amsl

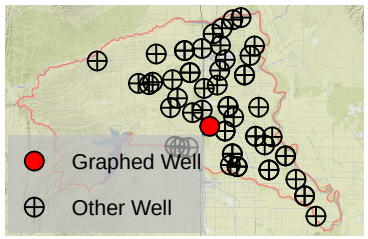
Statistics of Spring WL
Past 4 years (2019 to 2023):
Change = −18.2 ft
Ave. change = −4.55 ft/yr
Ave. WL = 208.34 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	67	49	16	0	0	2
Number and Percent Impacted	1 (1%)	1 (1%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N03W22Q001M

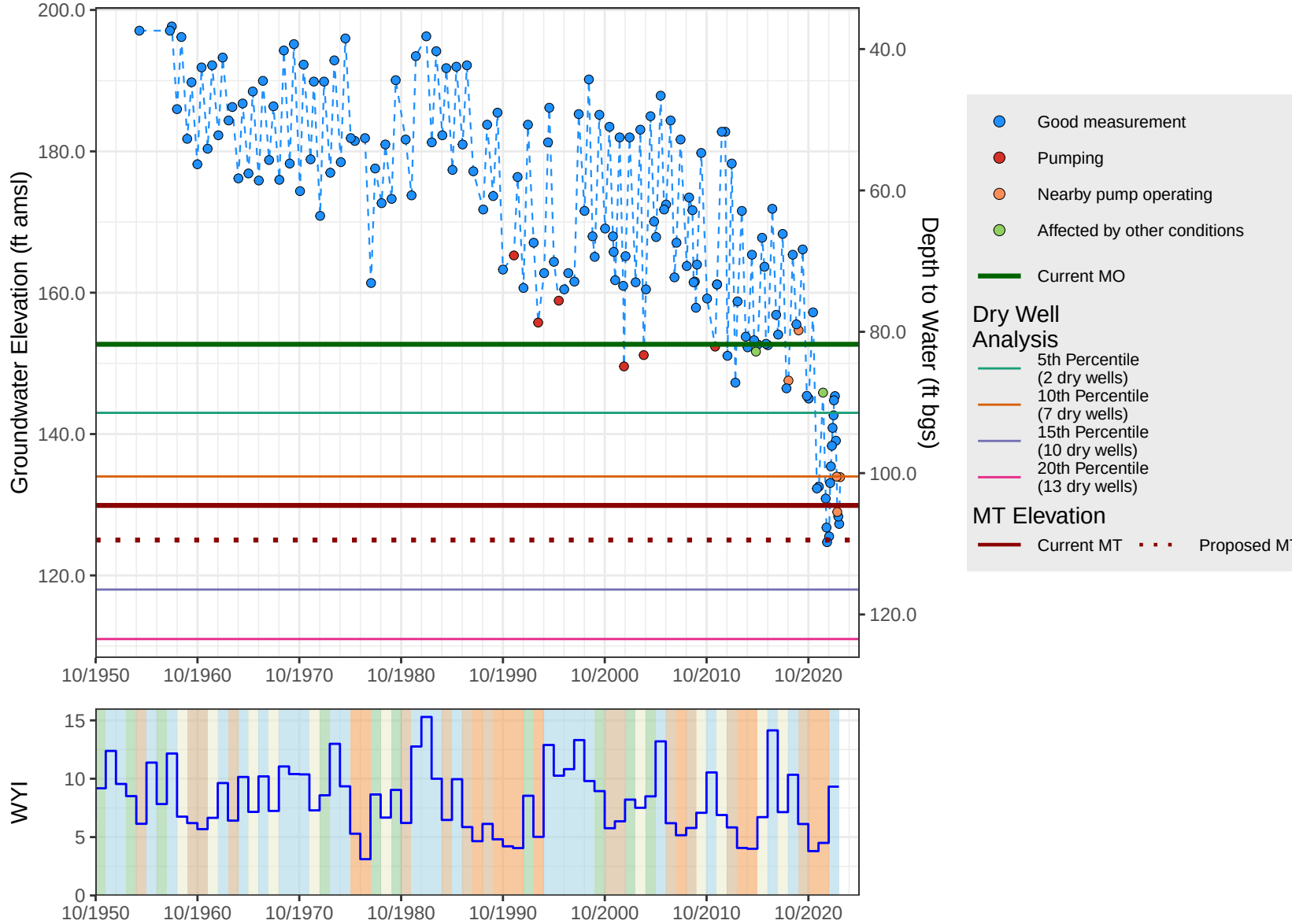
Upper Aquifer (Shallow Zone) Well Depth: 380 ft. Perforation top & bottom: Unknown



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 125 ft amsl
DTW: 110 ft bgs

SMC
IM (2027) = 152.7 ft amsl
MO = 152.7 ft amsl
Old MT = 129.9 ft amsl

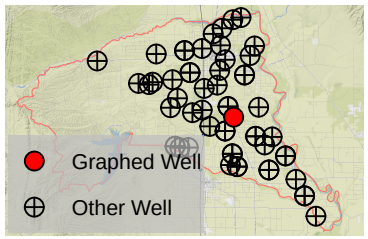
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −37.2 ft
Ave. change = −1.86 ft/yr
Ave. WL = 183.01 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	65	46	18	0	0	1
Number and Percent Impacted	9 (14%)	8 (12%)	0 (0%)	0 (0%)	0 (0%)	1 (2%)

Corning Subbasin − State Well Number (SWN) 23N03W24A003M

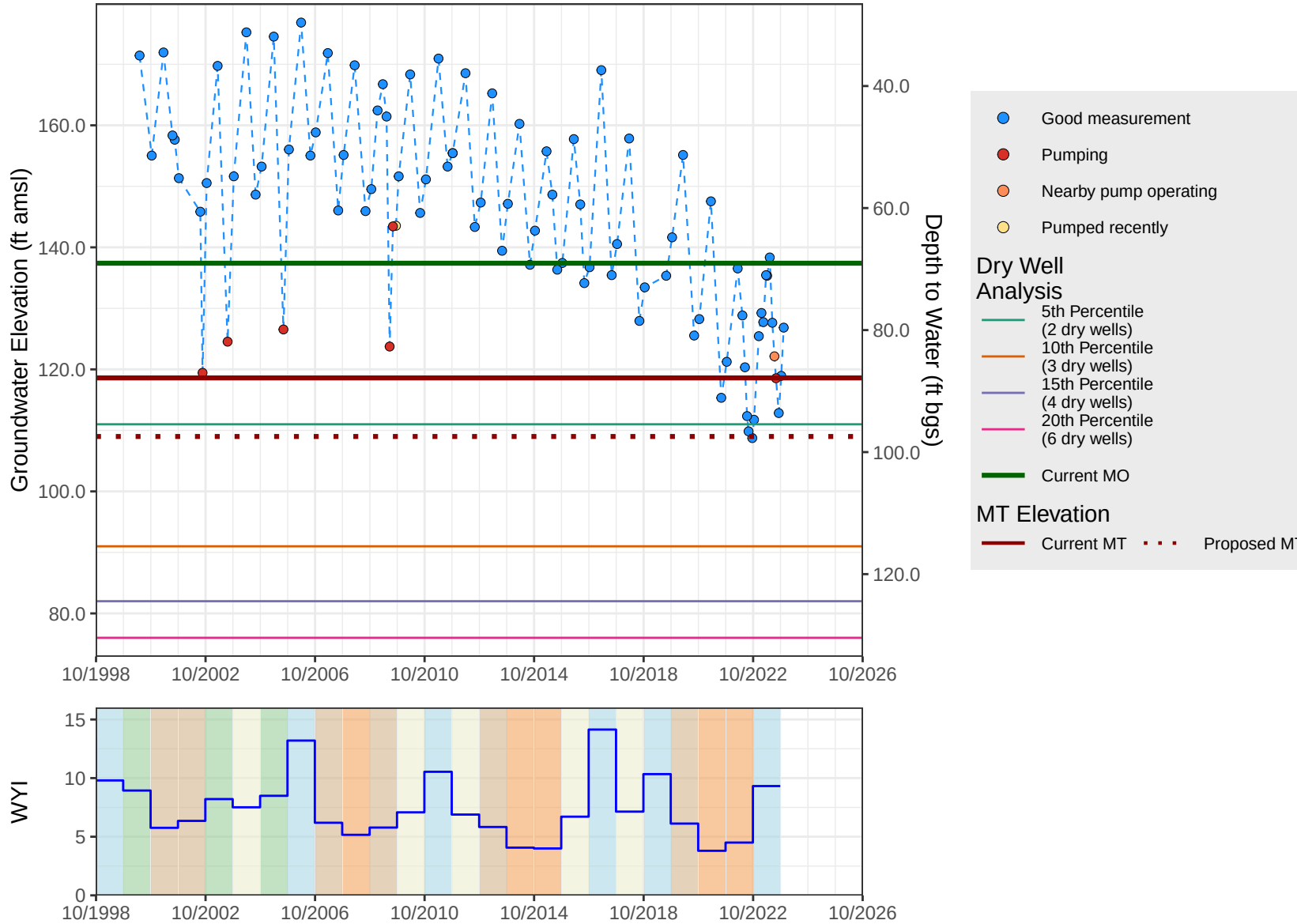
Upper Aquifer (Shallow Zone) Well Depth: 199 ft. Perforation top & bottom: 180 − 199 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 109 ft amsl
DTW: 98 ft bgs

SMC
IM (2027) = 137.4 ft amsl
MO = 137.4 ft amsl
Old MT = 118.6 ft amsl

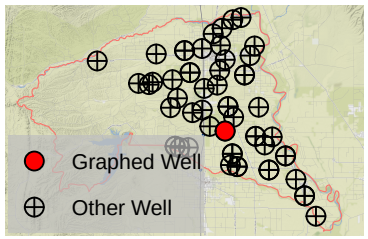
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −34.3 ft
Ave. change = −1.72 ft/yr
Ave. WL = 163.1 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	27	17	10	0	0	0
Number and Percent Impacted	2 (7%)	2 (7%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N03W25M002M

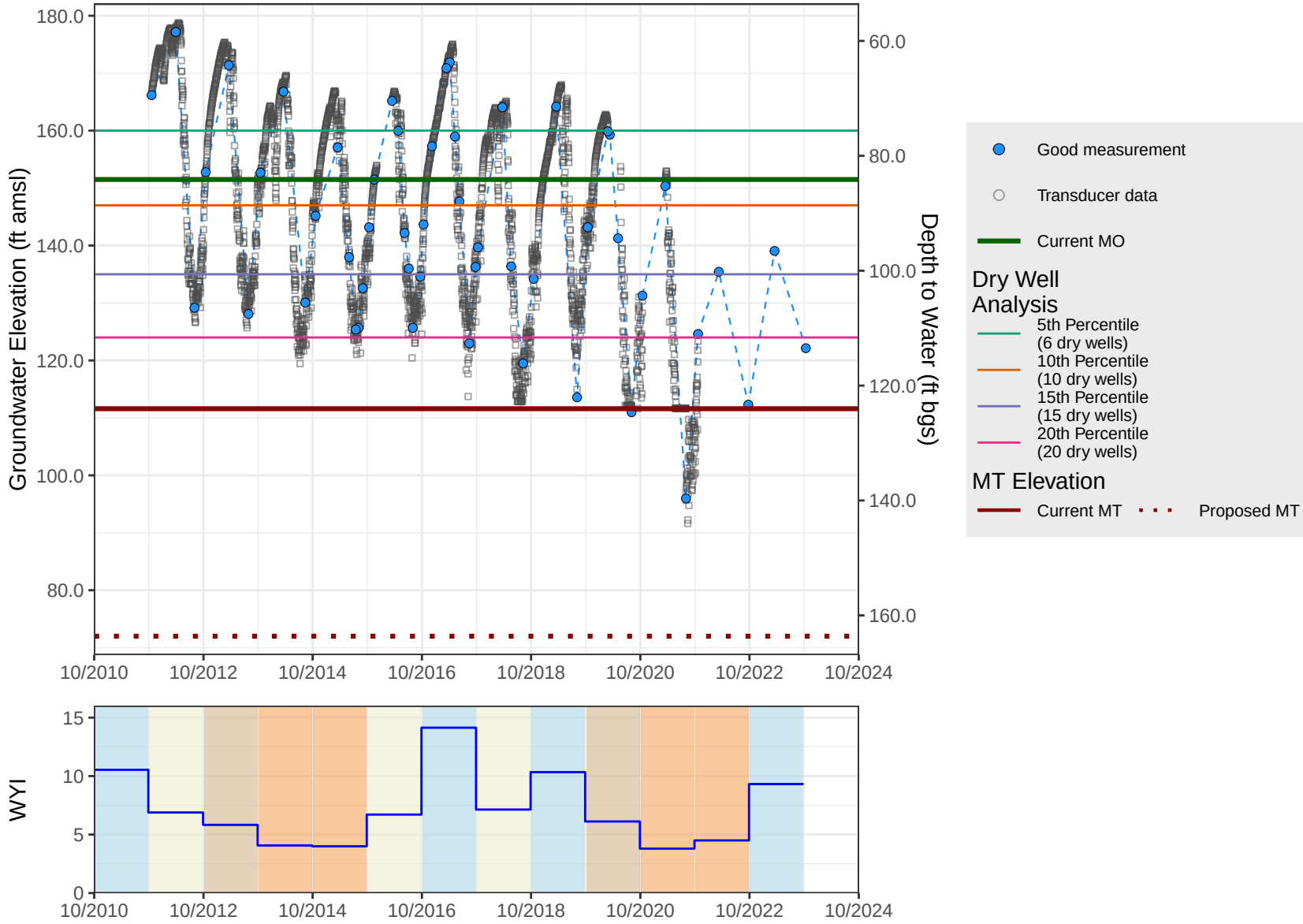
Upper Aquifer (Deep Zone) Well Depth: 513 ft. Perforation top & bottom: 470 − 500 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 72 ft amsl
DTW: 164 ft bgs

SMC
IM (2027) = 145.3 ft amsl
MO = 151.5 ft amsl
Old MT = 111.6 ft amsl

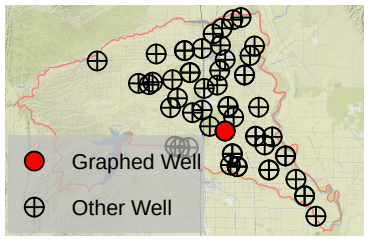
Statistics of Spring WL
Past 11 years (2012 to 2023)
Change = −38.12 ft
Ave. change = −3.47 ft/yr
Ave. WL = 160.21 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	100	62	29	0	0	9
Number and Percent Impacted	54 (54%)	49 (49%)	2 (2%)	0 (0%)	0 (0%)	3 (3%)

Corning Subbasin − State Well Number (SWN) 23N03W25M004M

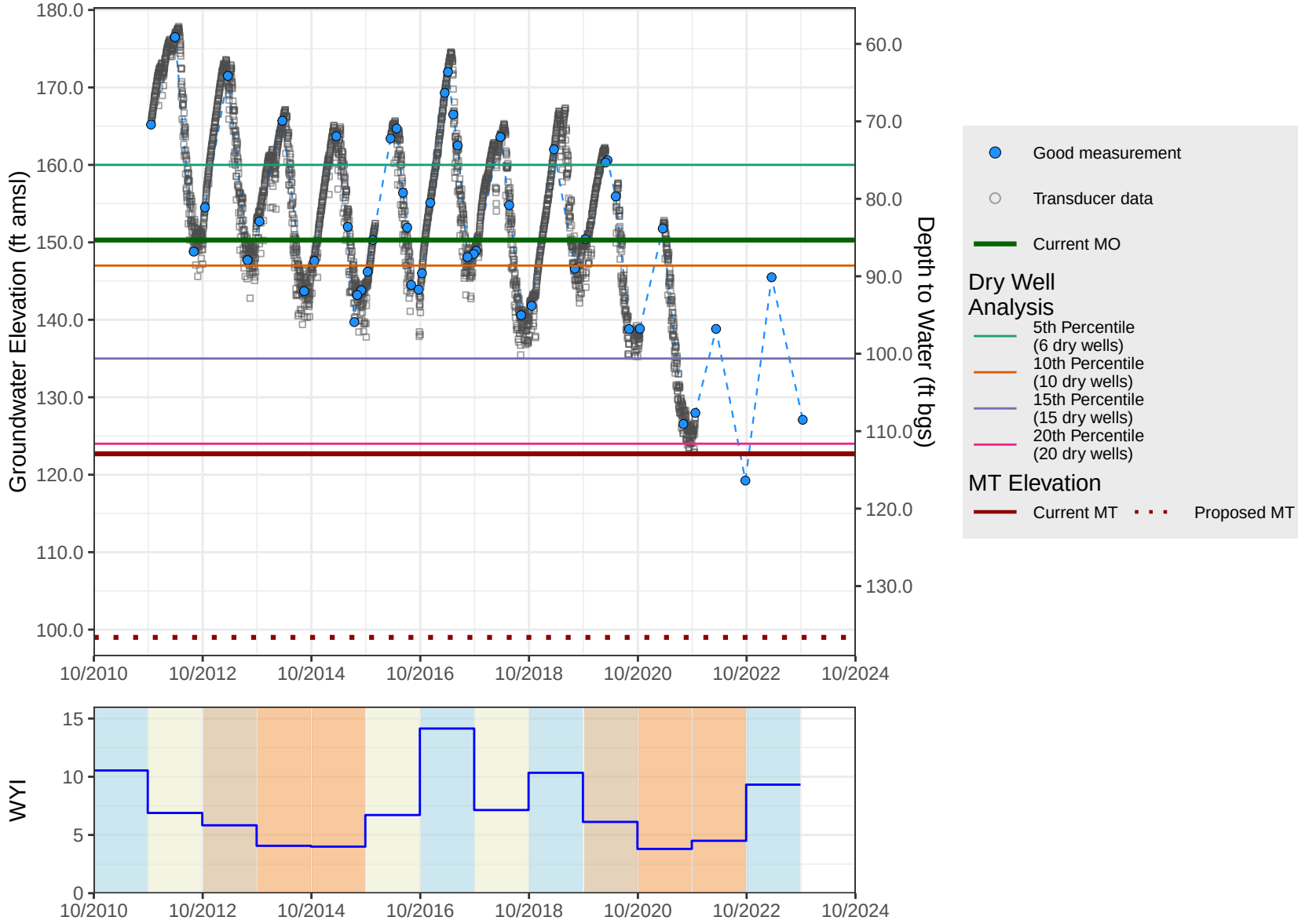
Upper Aquifer (Shallow Zone) Well Depth: 155 ft. Perforation top & bottom: 120 − 130 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 99 ft amsl
DTW: 136 ft bgs

SMC
IM (2027) = 150.3 ft amsl
MO = 150.3 ft amsl
Old MT = 122.7 ft amsl

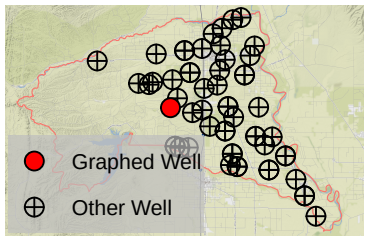
Statistics of Spring WL
Past 11 years (2012 to 2023)
Change = −31.01 ft
Ave. change = −2.82 ft/yr
Ave. WL = 161.36 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	100	62	29	0	0	9
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 23N04W13G001M

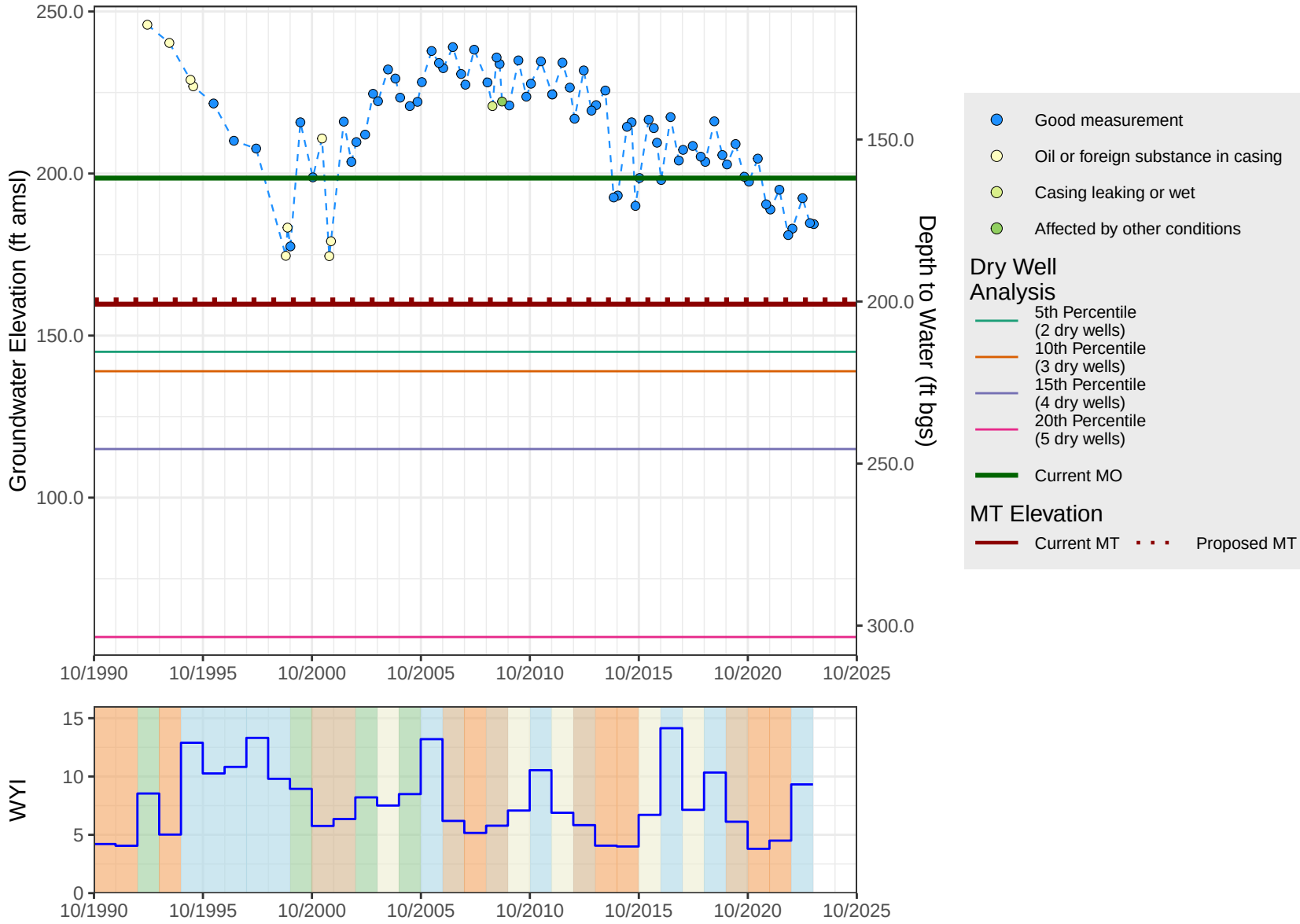
Upper Aquifer (Deep Zone) Well Depth: 560 ft. Perforation top & bottom: Unknown



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 161 ft amsl
DTW: 200 ft bgs

SMC
IM (2027) = 198.6 ft amsl
MO = 198.6 ft amsl
Old MT = 159.7 ft amsl

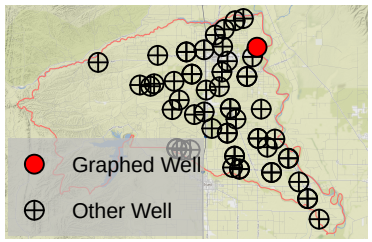
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −19.61 ft
Ave. change = −0.98 ft/yr
Ave. WL = 221.61 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	22	10	10	0	1	1
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 24N02W17A001M

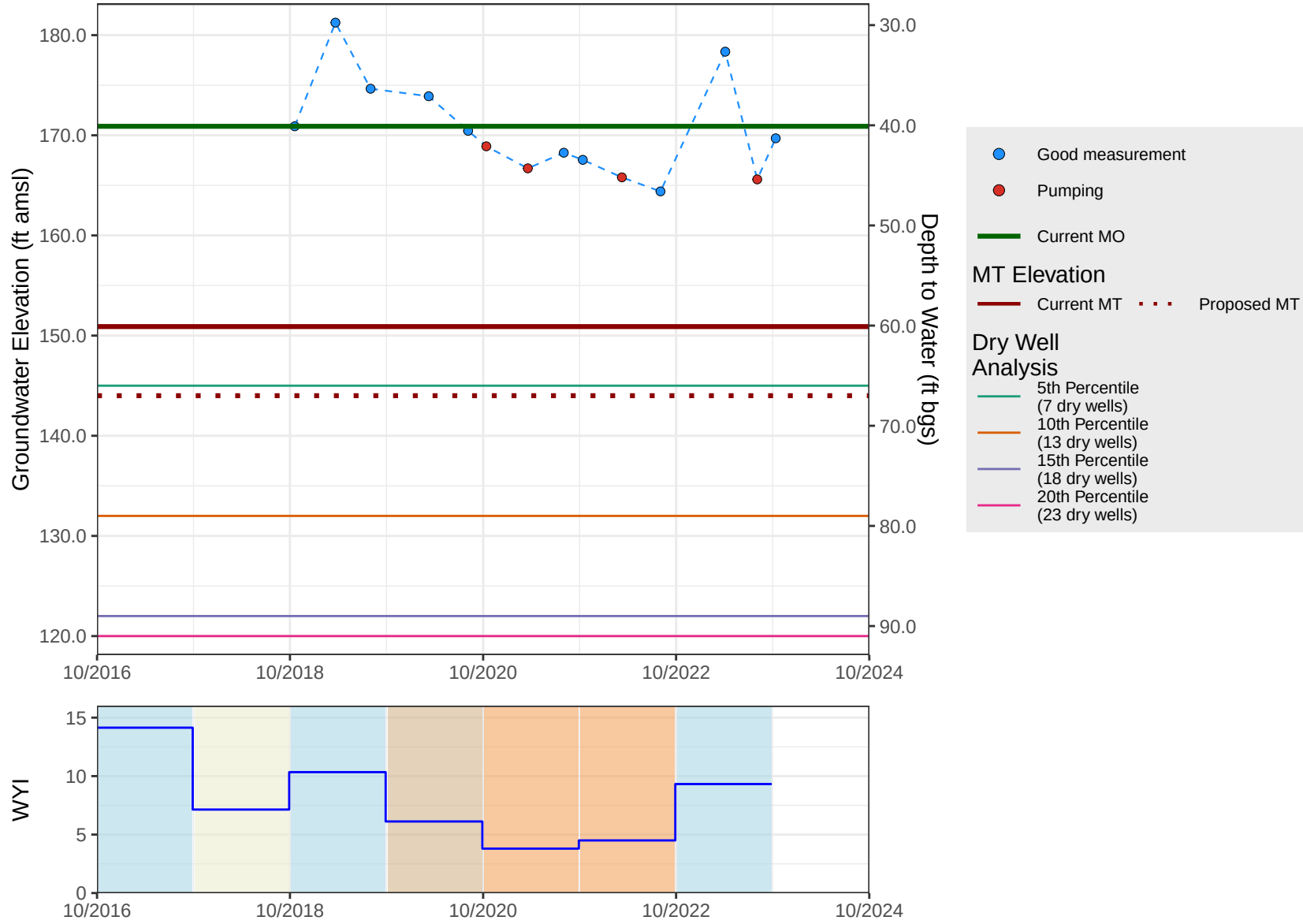
Upper Aquifer (Shallow Zone) Well Depth: 140 ft. Perforation top & bottom: 120 − 140 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 144 ft amsl
DTW: 67 ft bgs

SMC
IM (2027) = 170.9 ft amsl
MO = 170.9 ft amsl
Old MT = 150.9 ft amsl

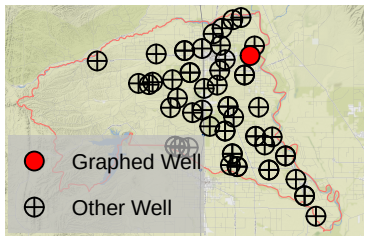
Statistics of Spring WL
Past 4 years (2019 to 2023):
Change = −2.9 ft
Ave. change = −0.73 ft/yr
Ave. WL = 177.83 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	122	94	25	0	0	3
Number and Percent Impacted	7 (6%)	5 (4%)	1 (1%)	0 (0%)	0 (0%)	1 (1%)

Corning Subbasin − State Well Number (SWN) 24N02W20B001M

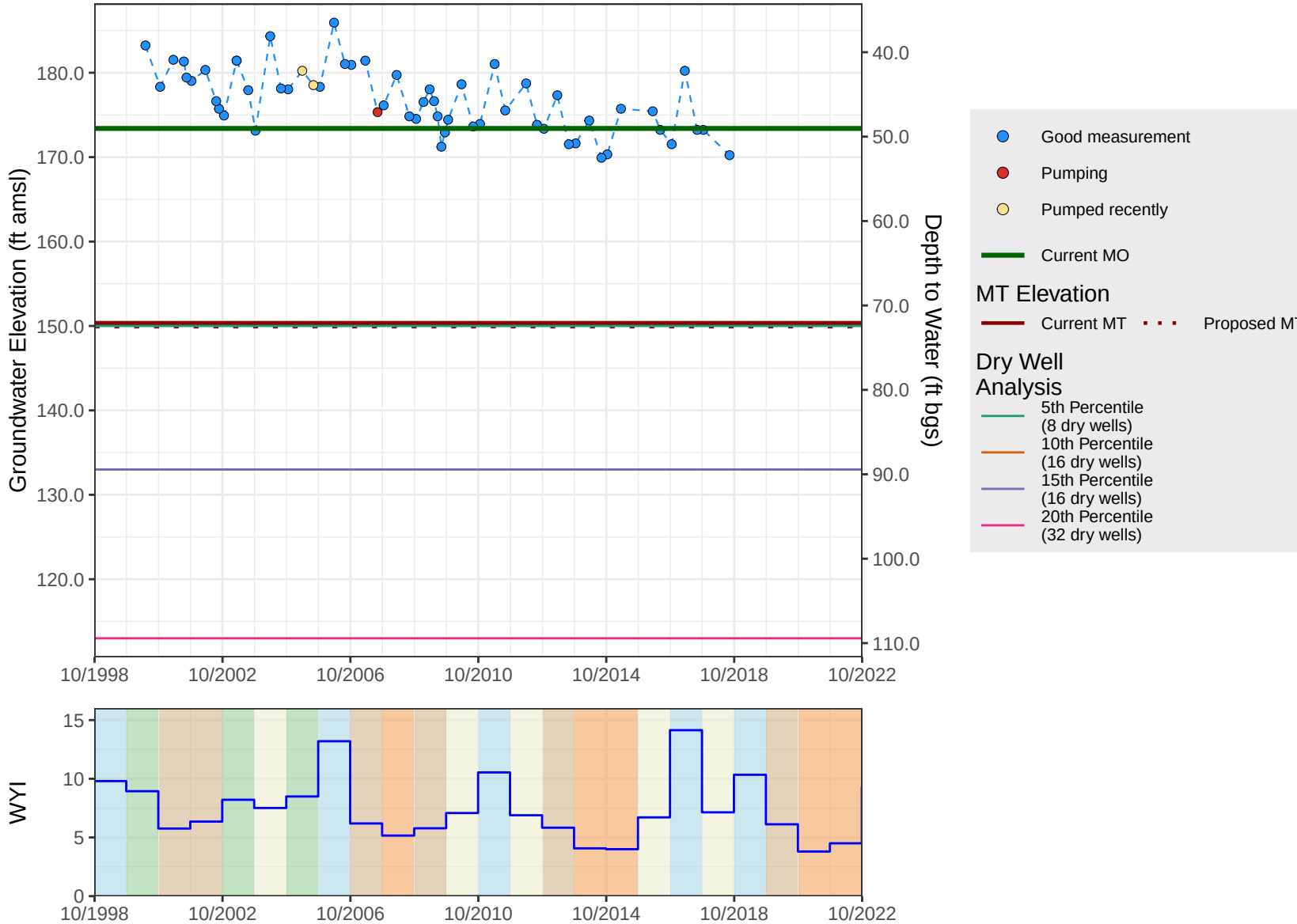
Upper Aquifer (Shallow Zone) Well Depth: 120 ft. Perforation top & bottom: 100 − 120 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 150 ft amsl
DTW: 72 ft bgs

SMC
IM (2027) = 173.3 ft amsl
MO = 173.4 ft amsl
Old MT = 150.3 ft amsl

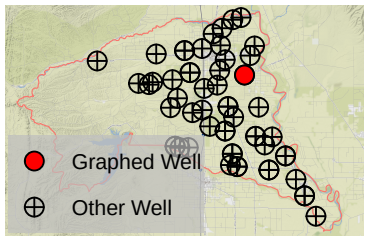
Statistics of Spring WL
Past 14 years (2003 to 2017)
Change = −1.2 ft
Ave. change = −0.09 ft/yr
Ave. WL = 179.64 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	159	140	15	1	0	3
Number and Percent Impacted	8 (5%)	5 (3%)	1 (1%)	1 (1%)	0 (0%)	1 (1%)

Corning Subbasin − State Well Number (SWN) 24N02W29N003M

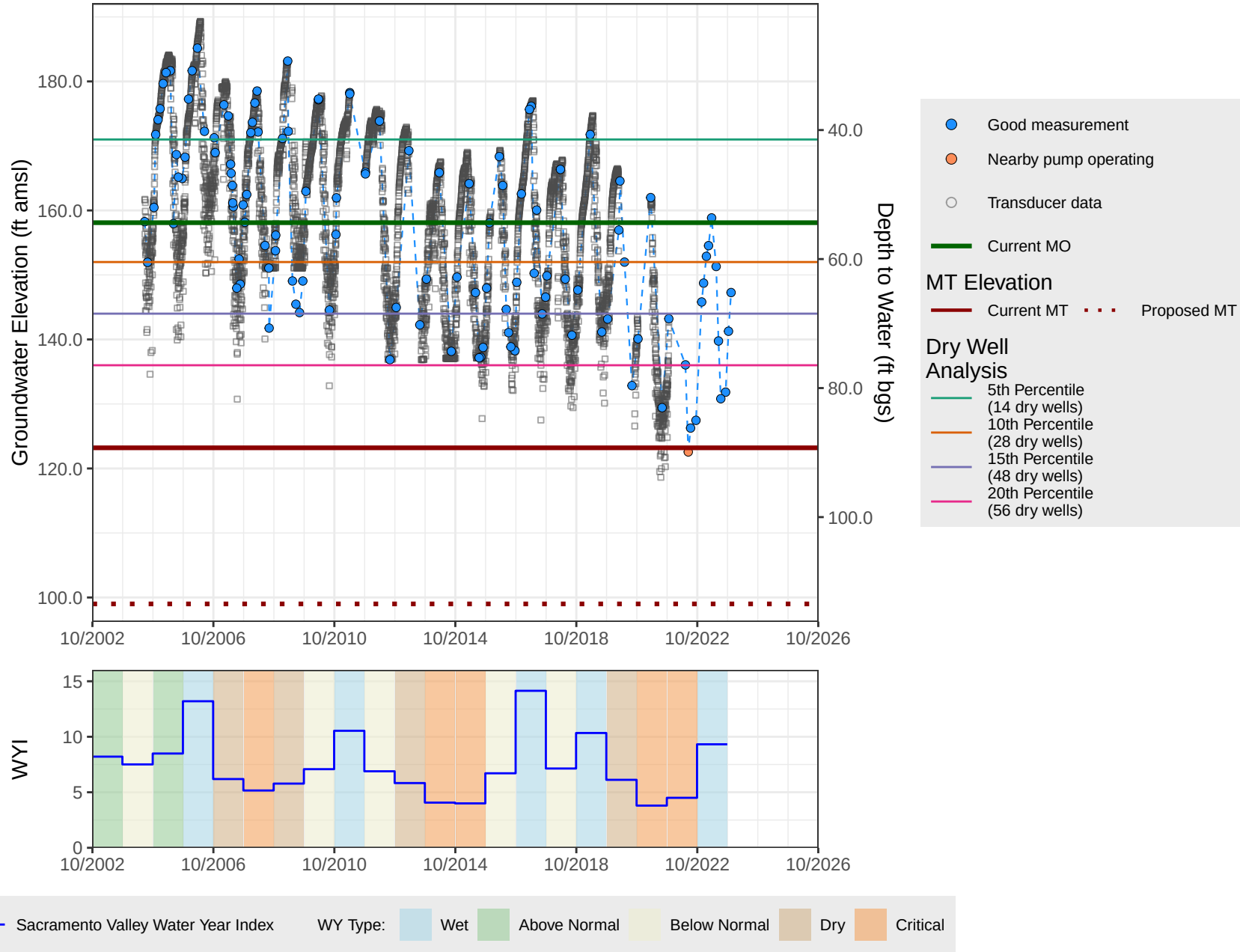
Upper Aquifer (Shallow Zone) Well Depth: 388 ft. Perforation top & bottom: 200 − 290 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 99 ft amsl
DTW: 114 ft bgs

SMC
IM (2027) = 146.9 ft amsl
MO = 158.1 ft amsl
Old MT = 123.2 ft amsl

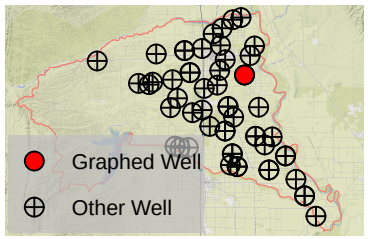
Statistics of Spring WL
Past 18 years (2005 to 2023)
Change = −22.82 ft
Ave. change = −1.27 ft/yr
Ave. WL = 172.31 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	275	152	96	1	0	26
Number and Percent Impacted	135 (49%)	78 (28%)	42 (15%)	0 (0%)	0 (0%)	15 (5%)

Corning Subbasin − State Well Number (SWN) 24N02W29N004M

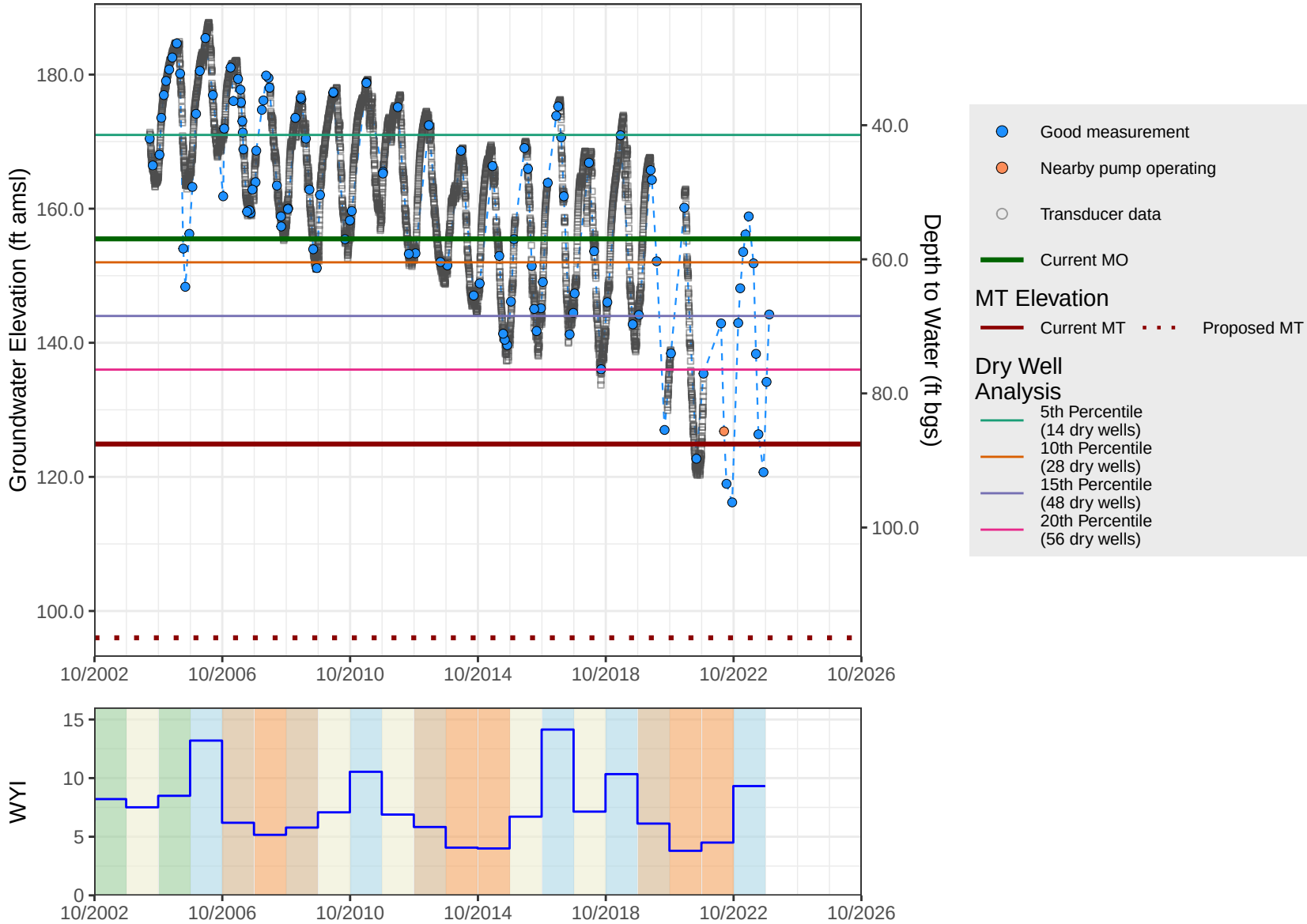
Upper Aquifer (Deep Zone) Well Depth: 741 ft. Perforation top & bottom: 590 − 710 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 96 ft amsl
DTW: 116 ft bgs

SMC
IM (2027) = 147.0 ft amsl
MO = 155.5 ft amsl
Old MT = 124.9 ft amsl

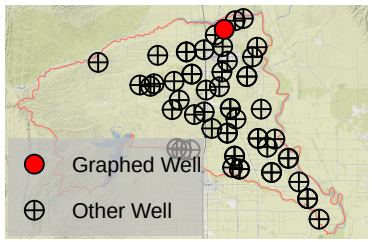
Statistics of Spring WL
Past 18 years (2005 to 2023)
Change = −25.8 ft
Ave. change = −1.43 ft/yr
Ave. WL = 172.95 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	275	152	96	1	0	26
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 24N03W02R001M

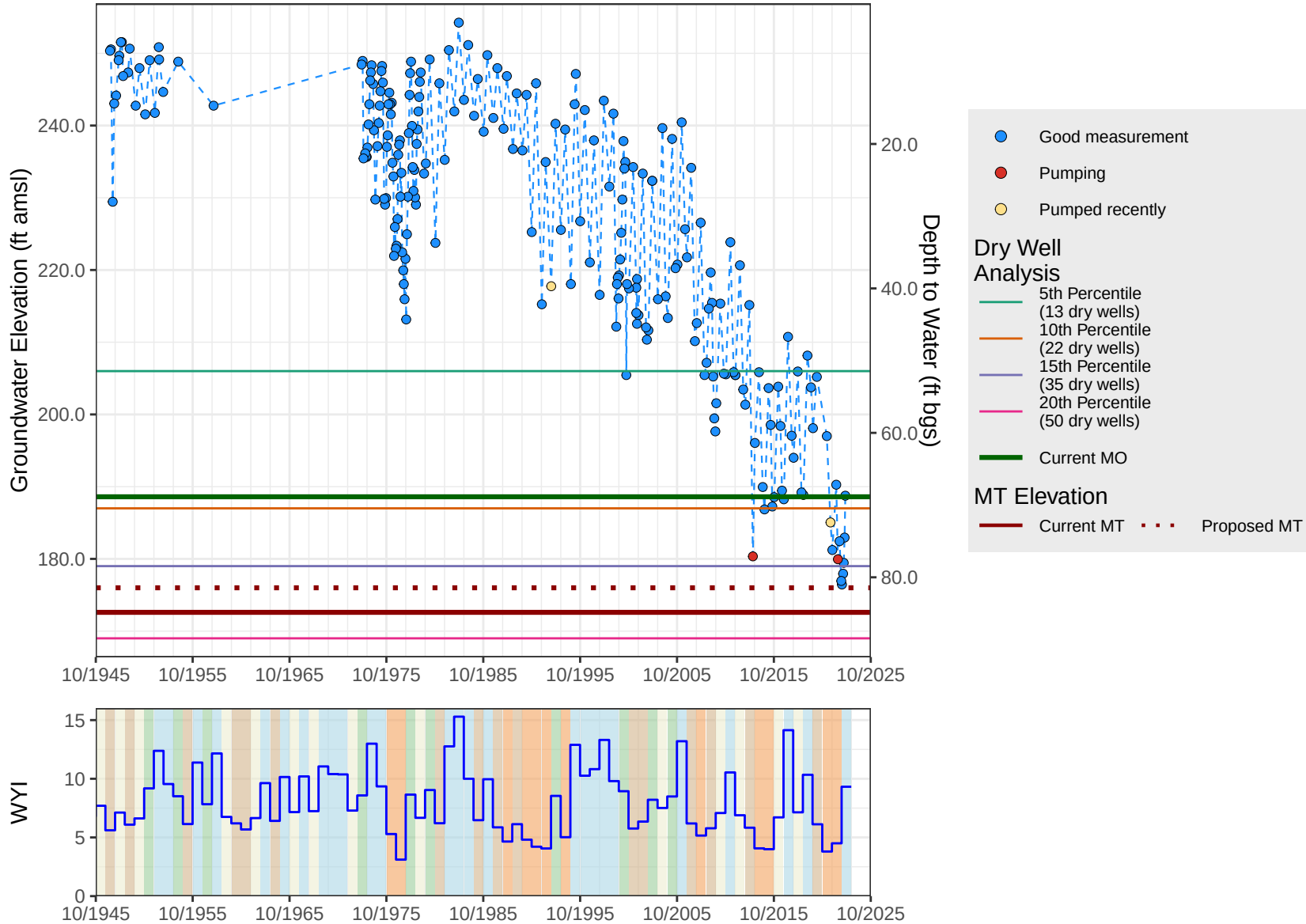
Upper Aquifer (Shallow Zone) Well Depth: 270 ft. Perforation top & bottom: Unknown



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 176 ft amsl
DTW: 81 ft bgs

SMC
IM (2027) = 188.6 ft amsl
MO = 188.6 ft amsl
Old MT = 172.6 ft amsl

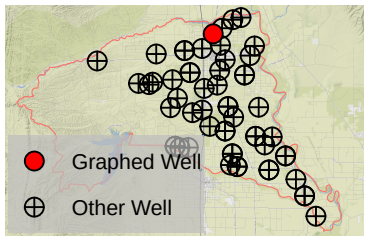
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = −43.6 ft
Ave. change = −2.18 ft/yr
Ave. WL = 234.59 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	249	196	38	3	2	10
Number and Percent Impacted	41 (16%)	27 (11%)	6 (2%)	2 (1%)	0 (0%)	6 (2%)

Corning Subbasin − State Well Number (SWN) 24N03W03R002M

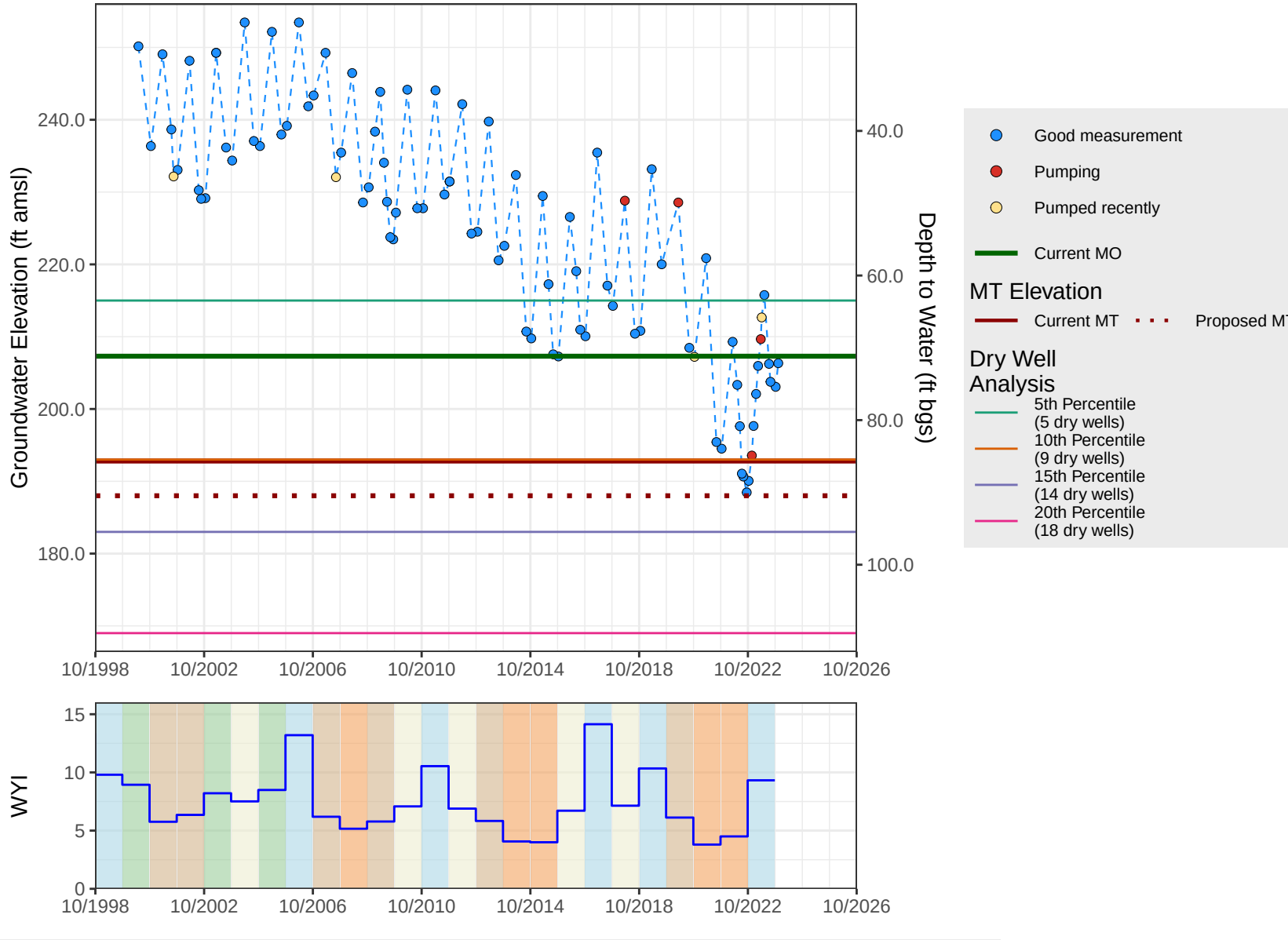
Upper Aquifer (Shallow Zone) Well Depth: 132 ft. Perforation top & bottom: 112 − 132 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 188 ft amsl
DTW: 90 ft bgs

SMC
IM (2027) = 207.3 ft amsl
MO = 207.3 ft amsl
Old MT = 192.8 ft amsl

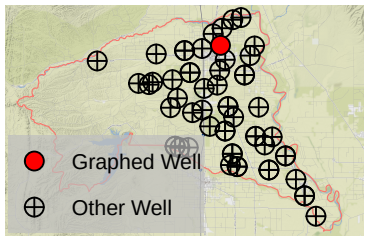
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −43.3 ft
Ave. change = −2.16 ft/yr
Ave. WL = 238.49 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	89	55	22	0	0	12
Number and Percent Impacted	13 (15%)	8 (9%)	1 (1%)	0 (0%)	0 (0%)	4 (4%)

Corning Subbasin − State Well Number (SWN) 24N03W14B001M

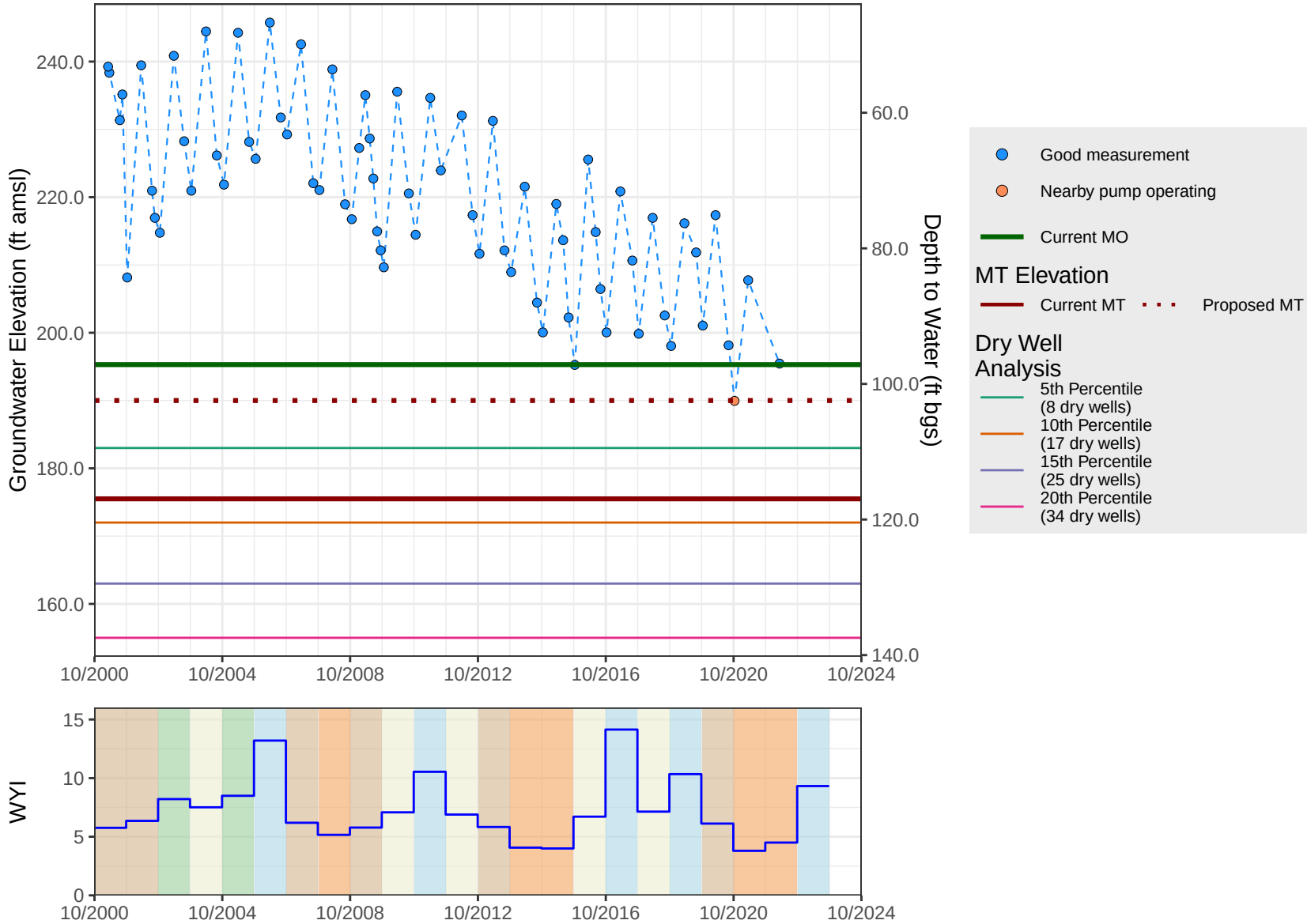
Upper Aquifer (Shallow Zone) Well Depth: 140 ft. Perforation top & bottom: 130 − 140 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 190 ft amsl
DTW: 103 ft bgs

SMC
IM (2027) = 195.3 ft amsl
MO = 195.3 ft amsl
Old MT = 175.5 ft amsl

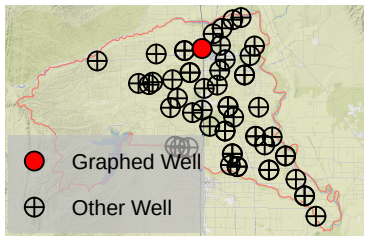
Statistics of Spring WL
Past 19 years (2003 to 2022)
Change = −45.4 ft
Ave. change = −2.39 ft/yr
Ave. WL = 229.3 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	167	137	24	0	3	3
Number and Percent Impacted	5 (3%)	4 (2%)	0 (0%)	0 (0%)	0 (0%)	1 (1%)

Corning Subbasin − State Well Number (SWN) 24N03W16A001M

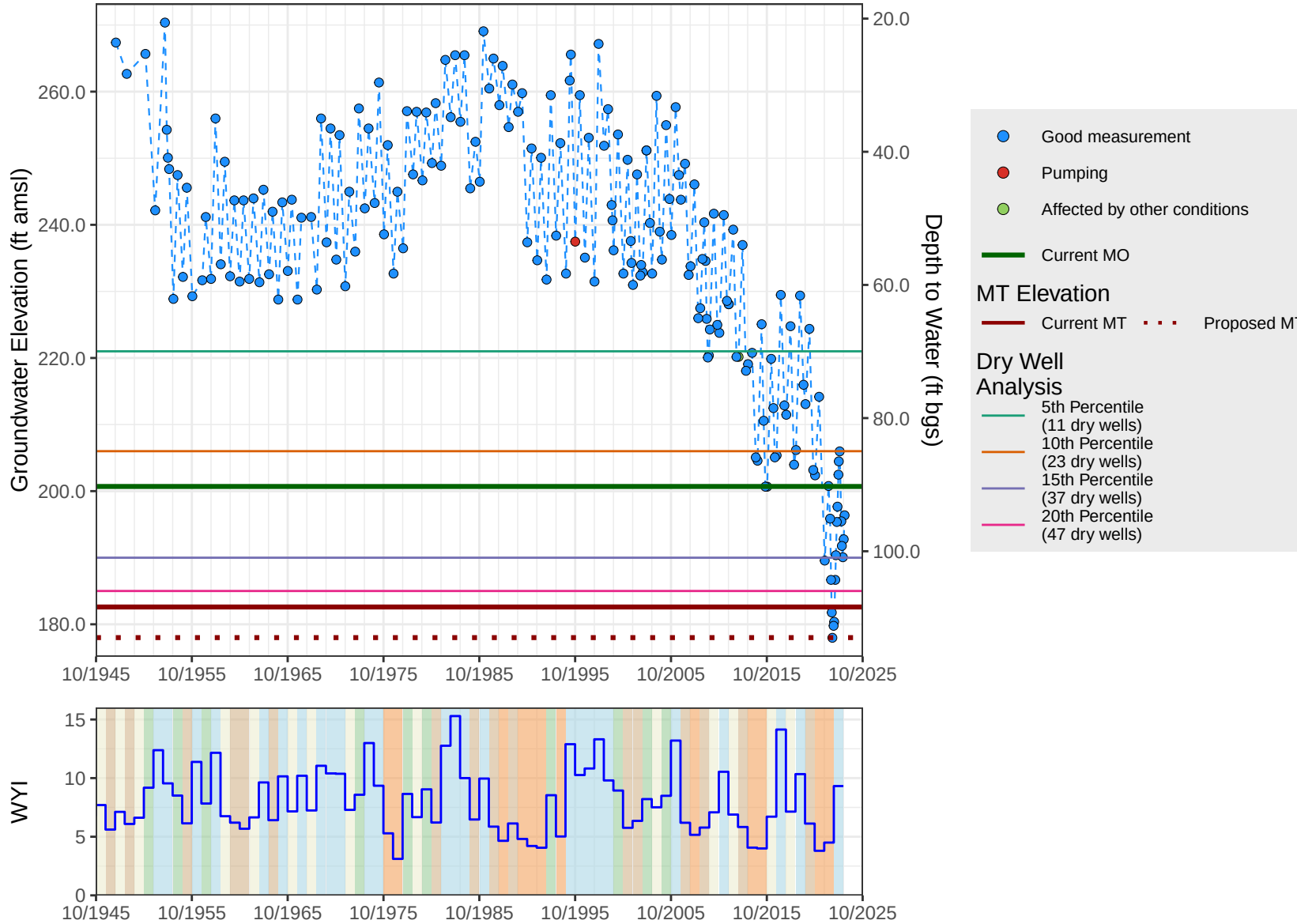
Upper Aquifer (Shallow Zone) Well Depth: 195 ft. Perforation top & bottom: 85 − 195 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 178 ft amsl
DTW: 113 ft bgs

SMC
IM (2027) = 200.7 ft amsl
MO = 200.7 ft amsl
Old MT = 182.6 ft amsl

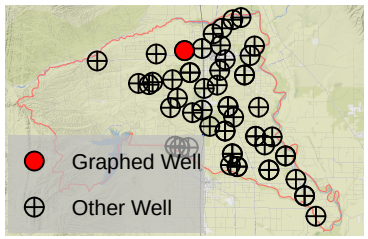
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −46.7 ft
Ave. change = −2.33 ft/yr
Ave. WL = 247.58 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	220	148	48	0	4	20
Number and Percent Impacted	56 (25%)	43 (20%)	3 (1%)	0 (0%)	0 (0%)	10 (5%)

Corning Subbasin − State Well Number (SWN) 24N03W17M001M

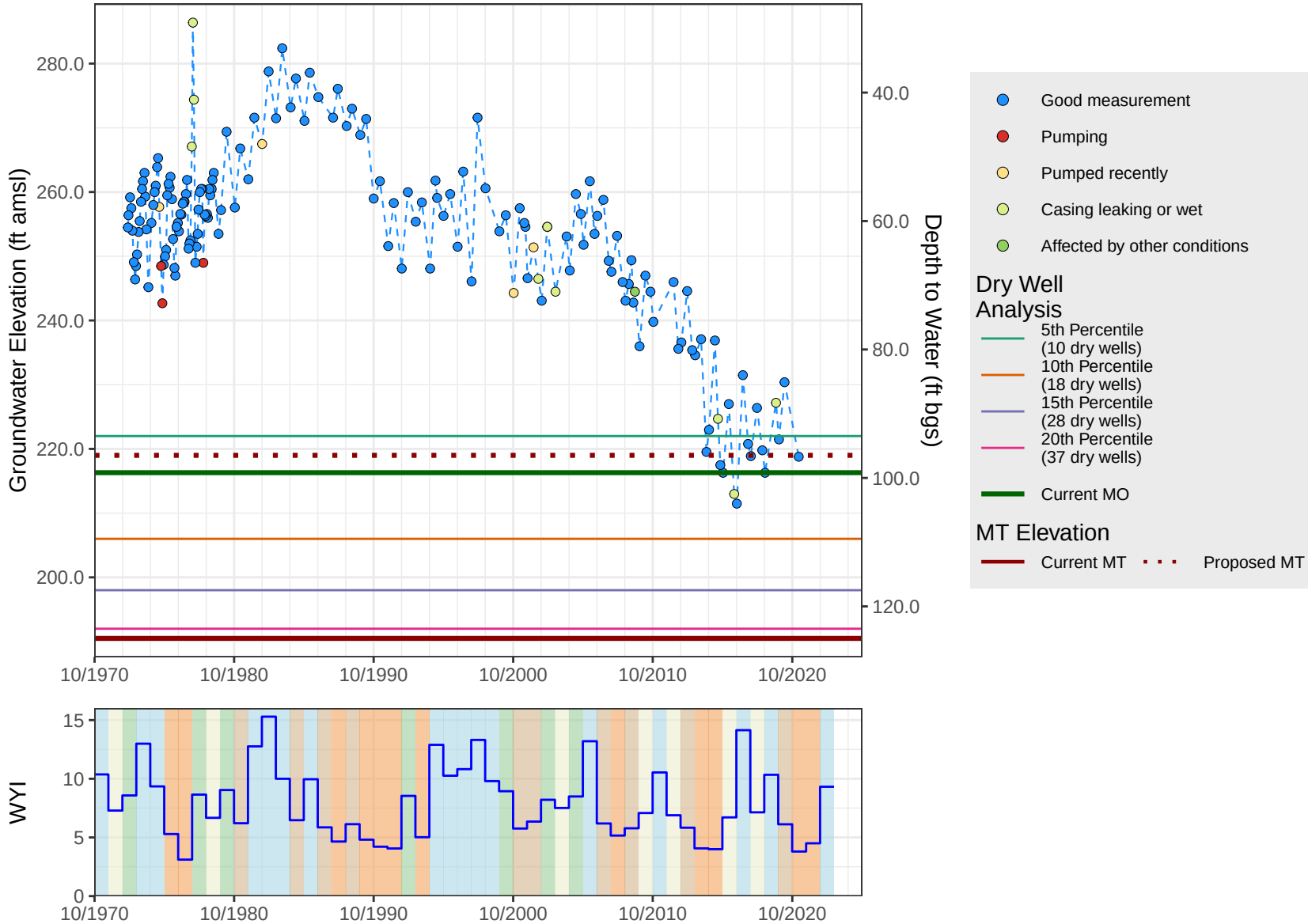
Upper Aquifer (Shallow Zone) Well Depth: 108 ft. Perforation top & bottom: 100 − 108 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 219 ft amsl
DTW: 97 ft bgs

SMC
IM (2027) = 216.3 ft amsl
MO = 216.3 ft amsl
Old MT = 190.5 ft amsl

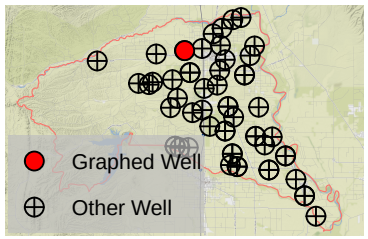
Statistics of Spring WL
Past 18 years (2003 to 2021)
Change = −35.8 ft
Ave. change = −1.99 ft/yr
Ave. WL = 257.42 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	181	103	62	0	0	16
Number and Percent Impacted	13 (7%)	11 (6%)	0 (0%)	0 (0%)	0 (0%)	2 (1%)

Corning Subbasin − State Well Number (SWN) 24N03W17M002M

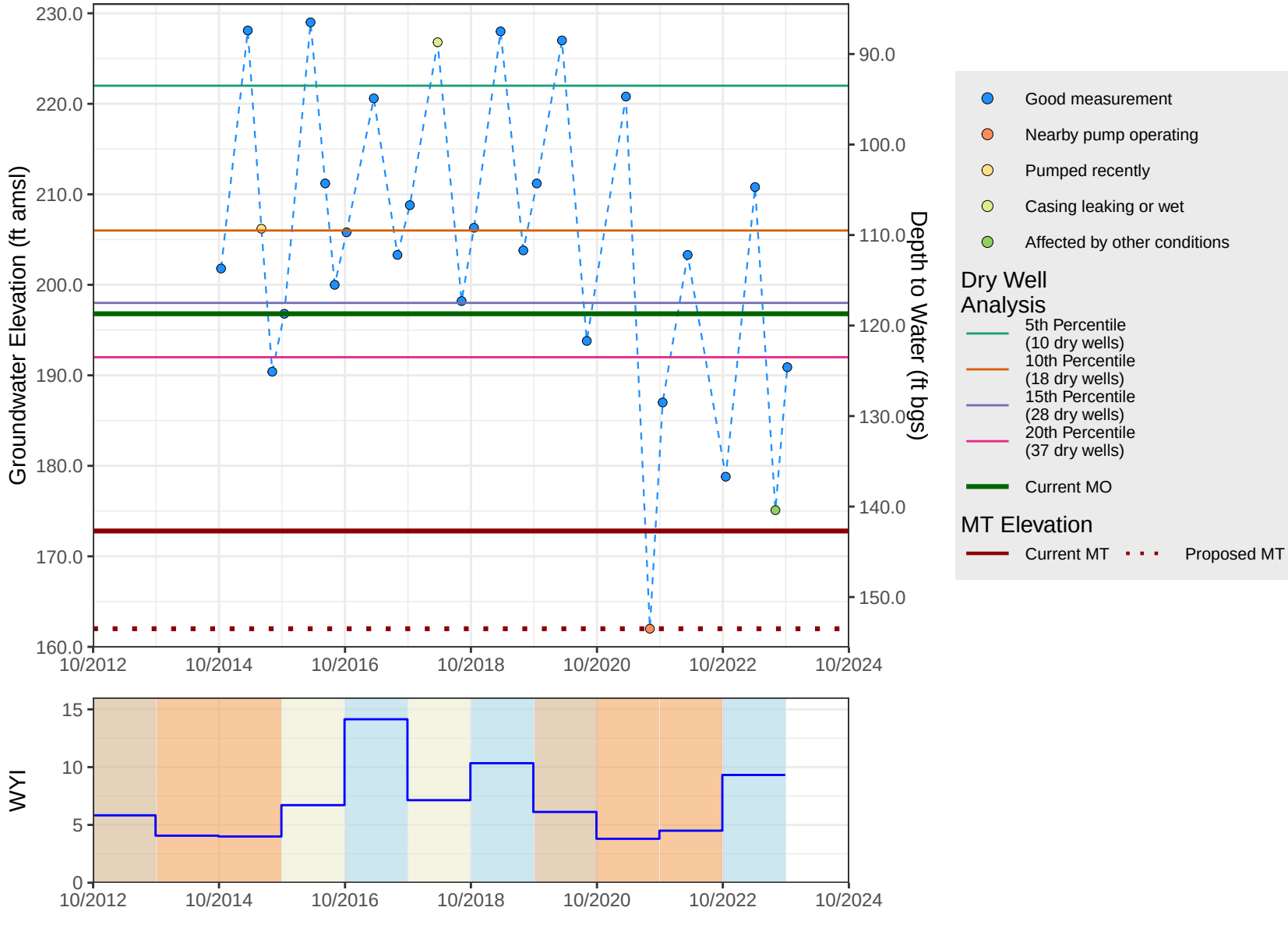
Upper Aquifer (Deep Zone) Well Depth: 505 ft. Perforation top & bottom: 315 − 495 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 162 ft amsl
DTW: 154 ft bgs

SMC
IM (2027) = 196.8 ft amsl
MO = 196.8 ft amsl
Old MT = 172.8 ft amsl

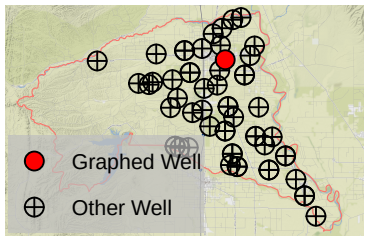
Statistics of Spring WL
Past 8 years (2015 to 2023):
Change = −17.3 ft
Ave. change = −2.16 ft/yr
Ave. WL = 221.6 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	181	103	62	0	0	16
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 24N03W24E001M

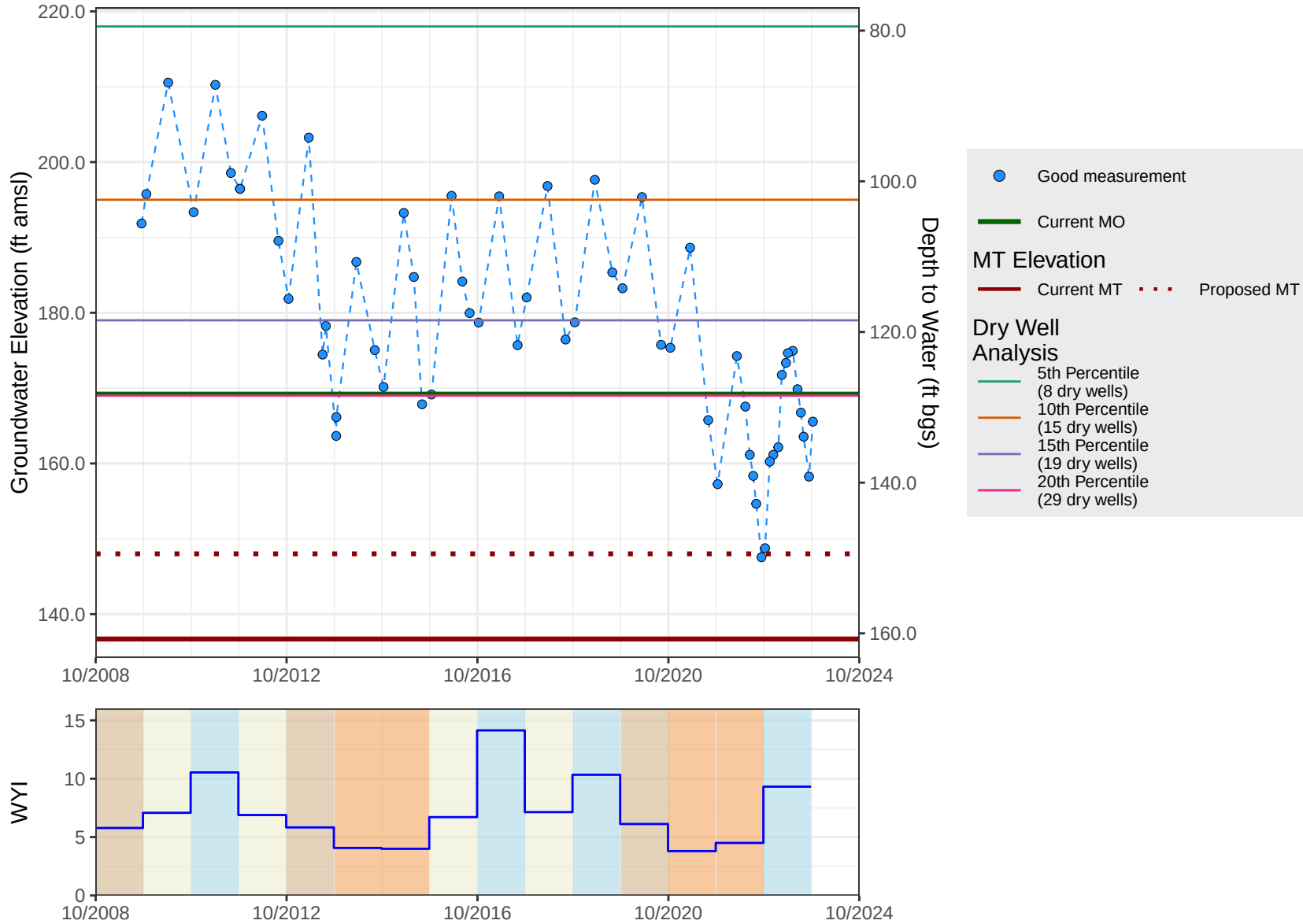
Upper Aquifer (Shallow Zone) Well Depth: 224 ft. Perforation top & bottom: 212 − 220 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 148 ft amsl
DTW: 150 ft bgs

SMC
IM (2027) = 169.2 ft amsl
MO = 169.2 ft amsl
Old MT = 136.7 ft amsl

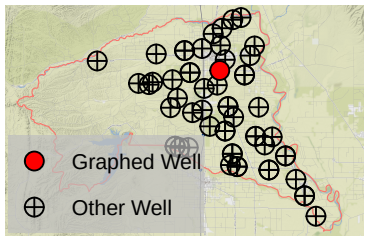
Statistics of Spring WL
Past 13 years (2010 to 2023)
Change = −35.9 ft
Ave. change = −2.76 ft/yr
Ave. WL = 194.89 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	145	94	26	5	2	18
Number and Percent Impacted	52 (36%)	36 (25%)	8 (6%)	2 (1%)	0 (0%)	6 (4%)

Corning Subbasin − State Well Number (SWN) 24N03W26K001M

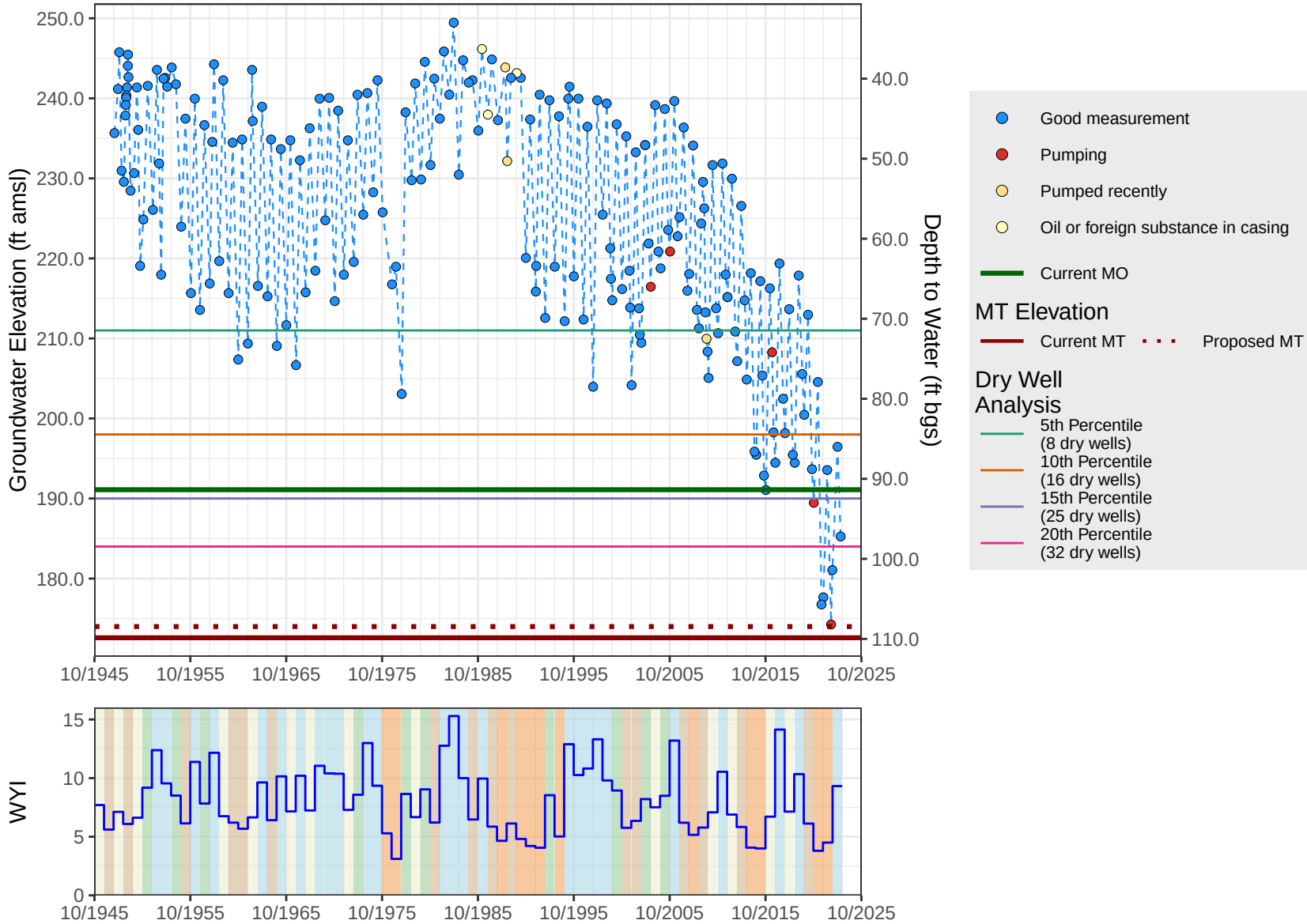
Upper Aquifer (Shallow Zone) Well Depth: 245 ft. Perforation top & bottom: 103 − 175 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 174 ft amsl
DTW: 108 ft bgs

SMC
IM (2027) = 191.1 ft amsl
MO = 191.1 ft amsl
Old MT = 172.6 ft amsl

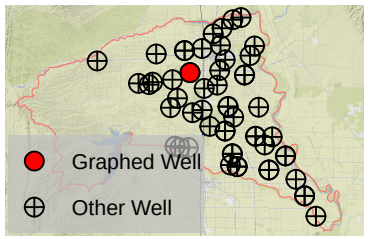
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −37.7 ft
Ave. change = −1.88 ft/yr
Ave. WL = 234.89 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	158	97	39	5	2	15
Number and Percent Impacted	46 (29%)	31 (20%)	7 (4%)	0 (0%)	0 (0%)	8 (5%)

Corning Subbasin − State Well Number (SWN) 24N03W29Q001M

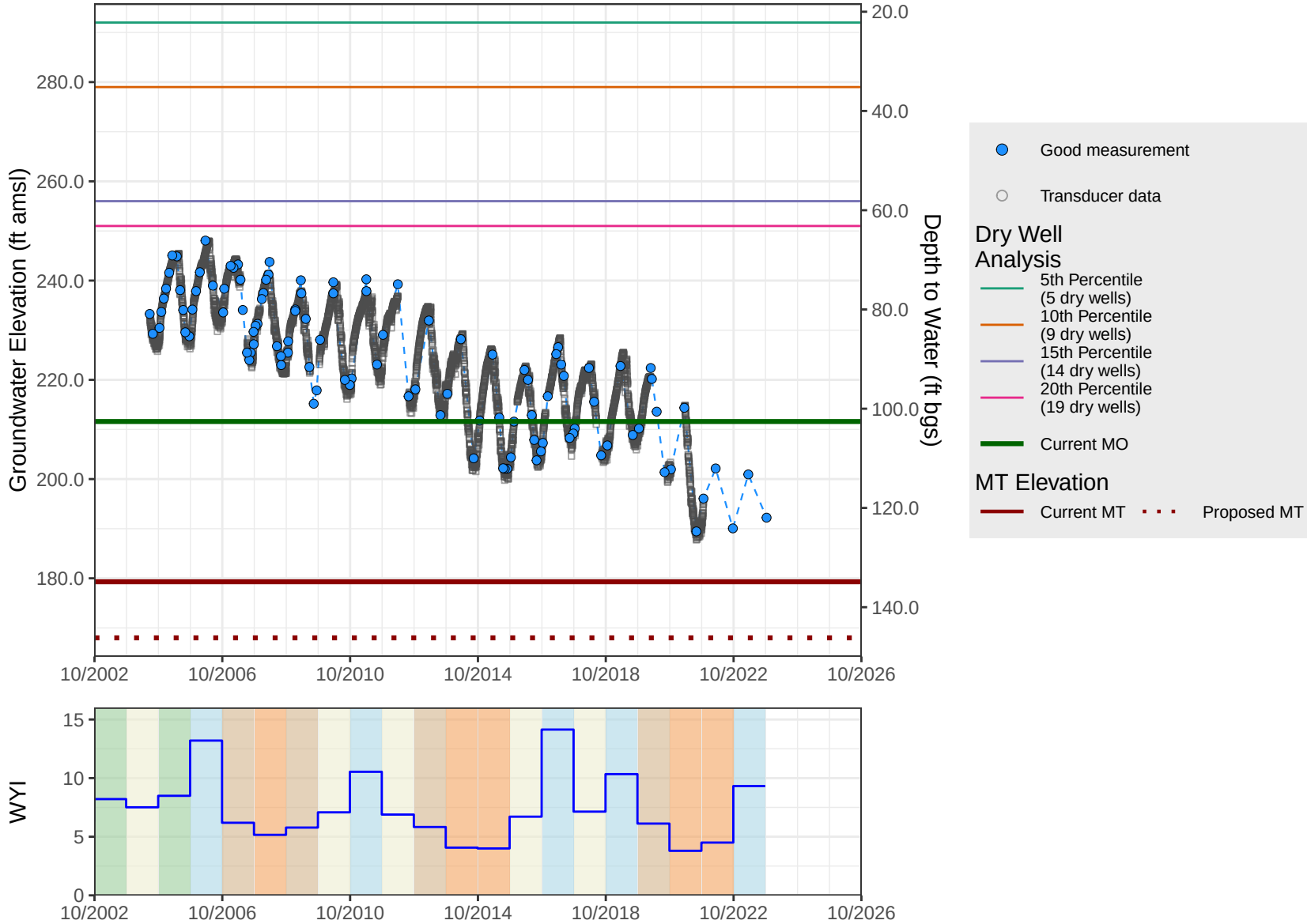
Upper Aquifer (Shallow Zone) Well Depth: 372 ft. Perforation top & bottom: 130 − 360 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 168 ft amsl
DTW: 146 ft bgs

SMC
IM (2027) = 210.5 ft amsl
MO = 211.6 ft amsl
Old MT = 179.3 ft amsl

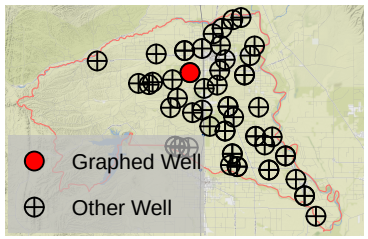
Statistics of Spring WL
Past 18 years (2005 to 2023)
Change = −44.12 ft
Ave. change = −2.45 ft/yr
Ave. WL = 229.38 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	96	59	25	0	0	12
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 24N03W29Q002M

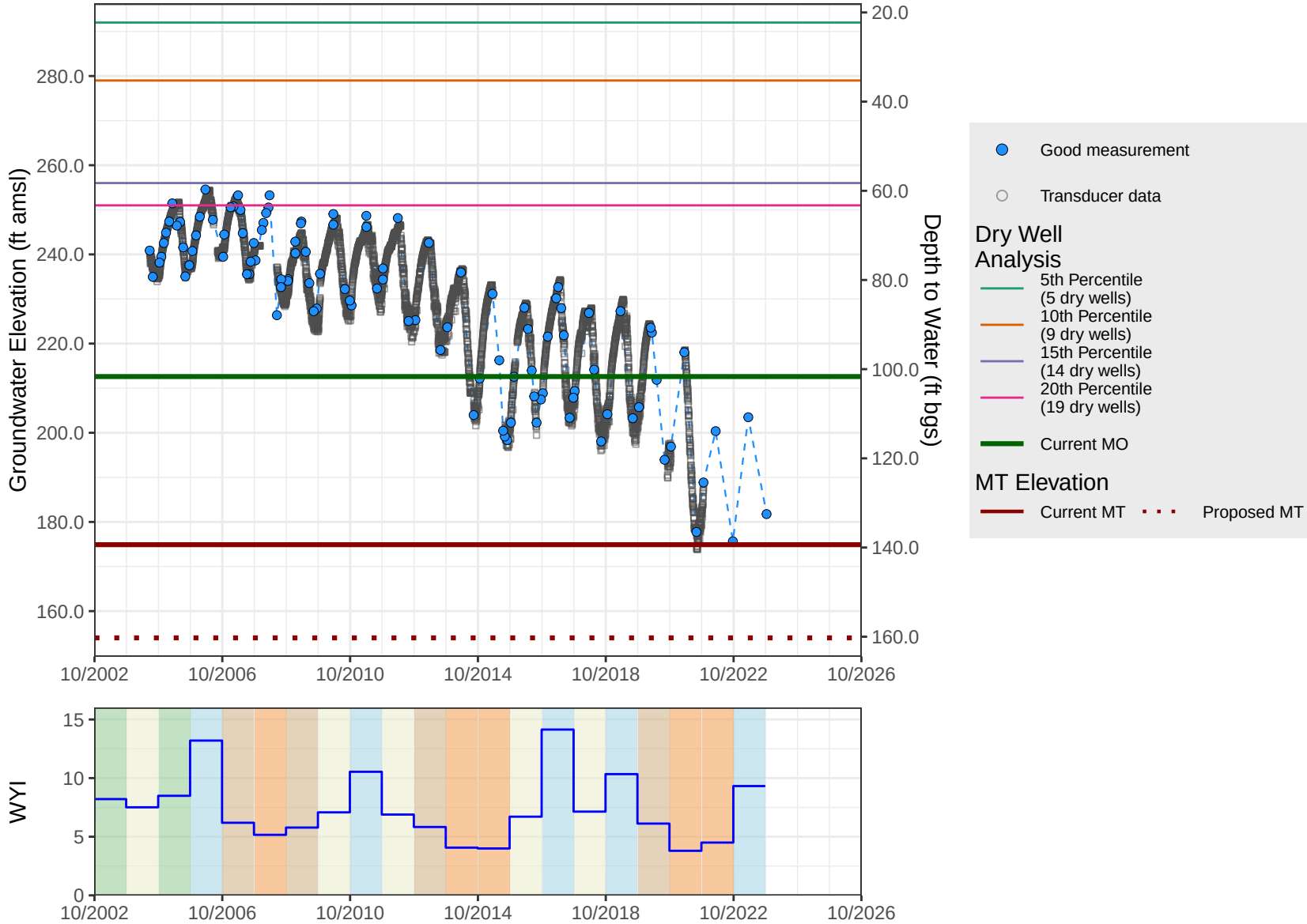
Upper Aquifer (Deep Zone) Well Depth: 575 ft. Perforation top & bottom: 490 − 550 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 154 ft amsl
DTW: 160 ft bgs

SMC
IM (2027) = 207.5 ft amsl
MO = 212.6 ft amsl
Old MT = 174.9 ft amsl

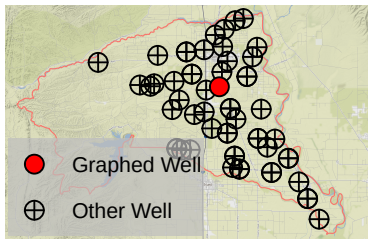
Statistics of Spring WL
Past 18 years (2005 to 2023)
Change = −47.97 ft
Ave. change = −2.66 ft/yr
Ave. WL = 235.56 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	96	59	25	0	0	12
Number and Percent Impacted	52 (54%)	41 (43%)	3 (3%)	0 (0%)	0 (0%)	8 (8%)

Corning Subbasin − State Well Number (SWN) 24N03W35P005M

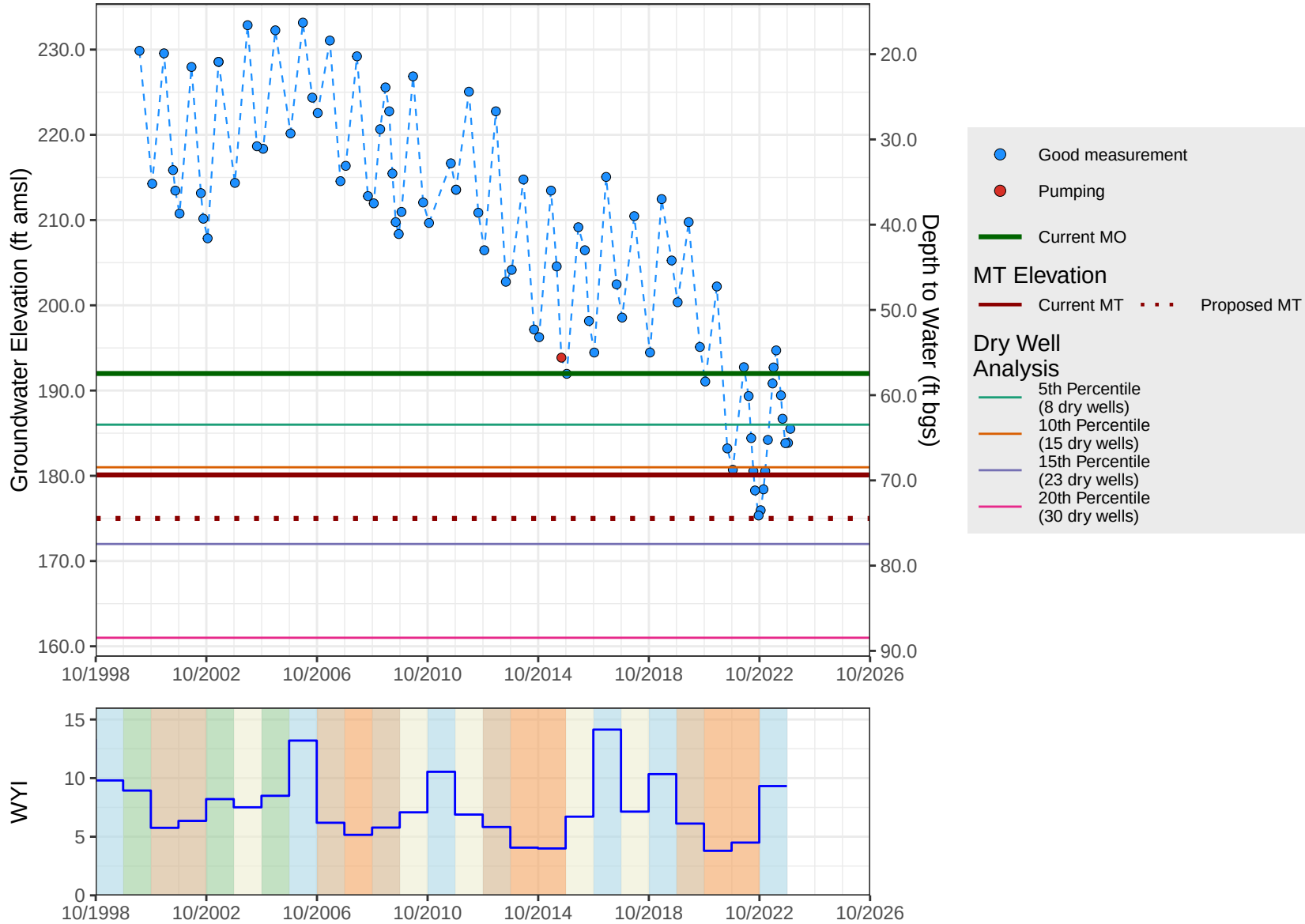
Upper Aquifer (Shallow Zone) Well Depth: 120 ft. Perforation top & bottom: 100 − 120 ft bgs



Area: Within Special Zone
Basis: 2020−2022 low
GWE: 175 ft amsl
DTW: 74 ft bgs

SMC
IM (2027) = 192.0 ft amsl
MO = 192.0 ft amsl
Old MT = 180.1 ft amsl

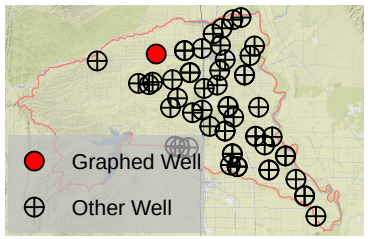
Statistics of Spring WL
Past 20 years (2003 to 2023):
Change = −35.85 ft
Ave. change = −1.79 ft/yr
Ave. WL = 218.98 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	151	93	36	0	0	22
Number and Percent Impacted	21 (14%)	18 (12%)	2 (1%)	0 (0%)	0 (0%)	1 (1%)

Corning Subbasin − State Well Number (SWN) 24N04W14N002M

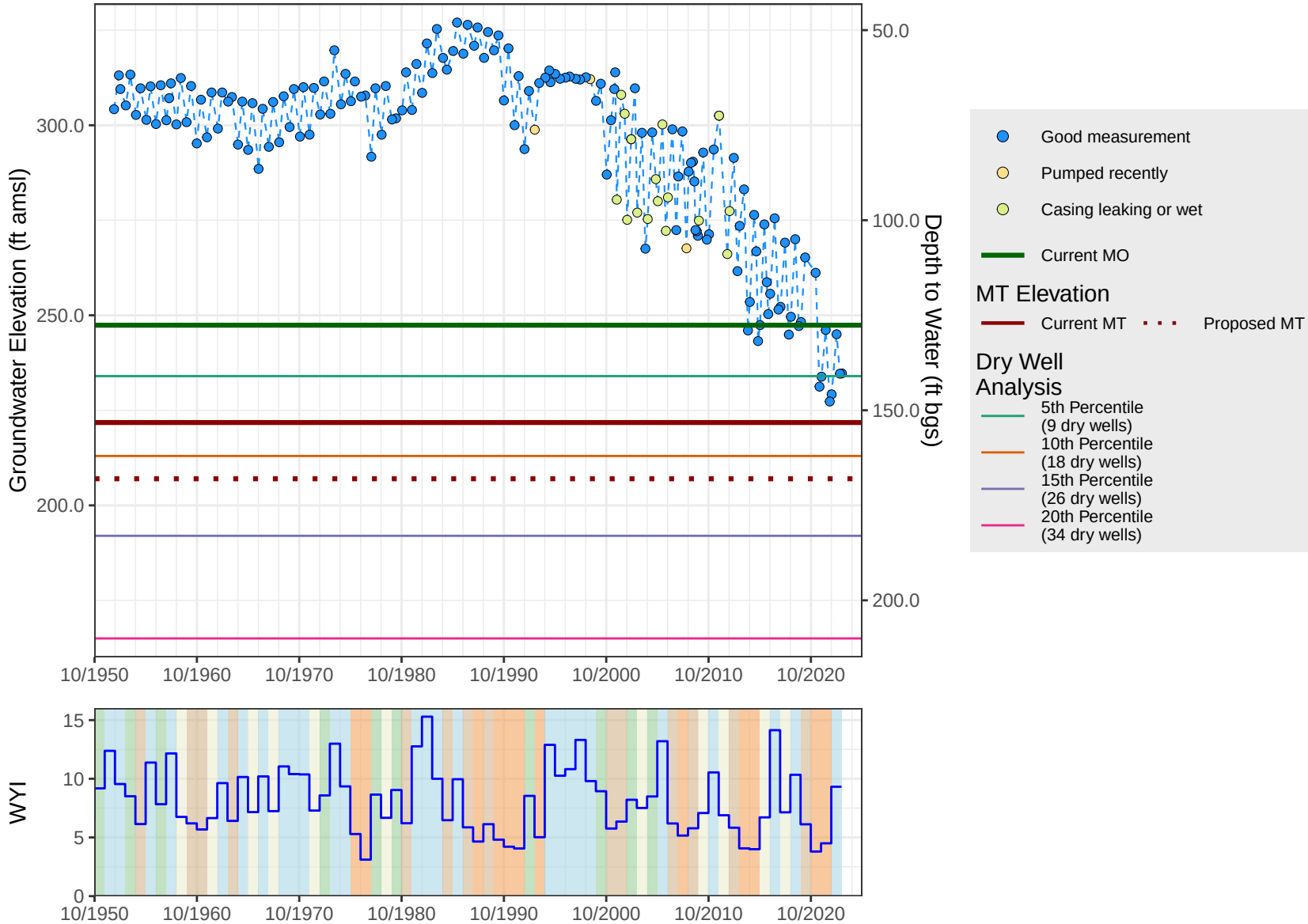
Upper Aquifer (Shallow Zone) Well Depth: 180 ft. Perforation top & bottom: Unknown



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 207 ft amsl
DTW: 168 ft bgs

SMC
IM (2027) = 247.4 ft amsl
MO = 247.4 ft amsl
Old MT = 221.8 ft amsl

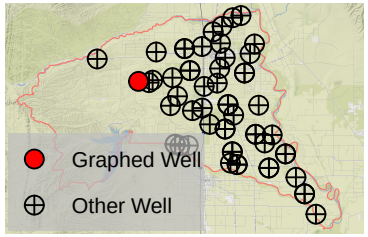
Statistics of Spring WL
Past 20 years (2003 to 2023)
Change = −51.3 ft
Ave. change = −2.56 ft/yr
Ave. WL = 303.41 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	169	124	37	1	0	7
Number and Percent Impacted	22 (13%)	19 (11%)	1 (1%)	0 (0%)	0 (0%)	2 (1%)

Corning Subbasin − State Well Number (SWN) 24N04W33P001M

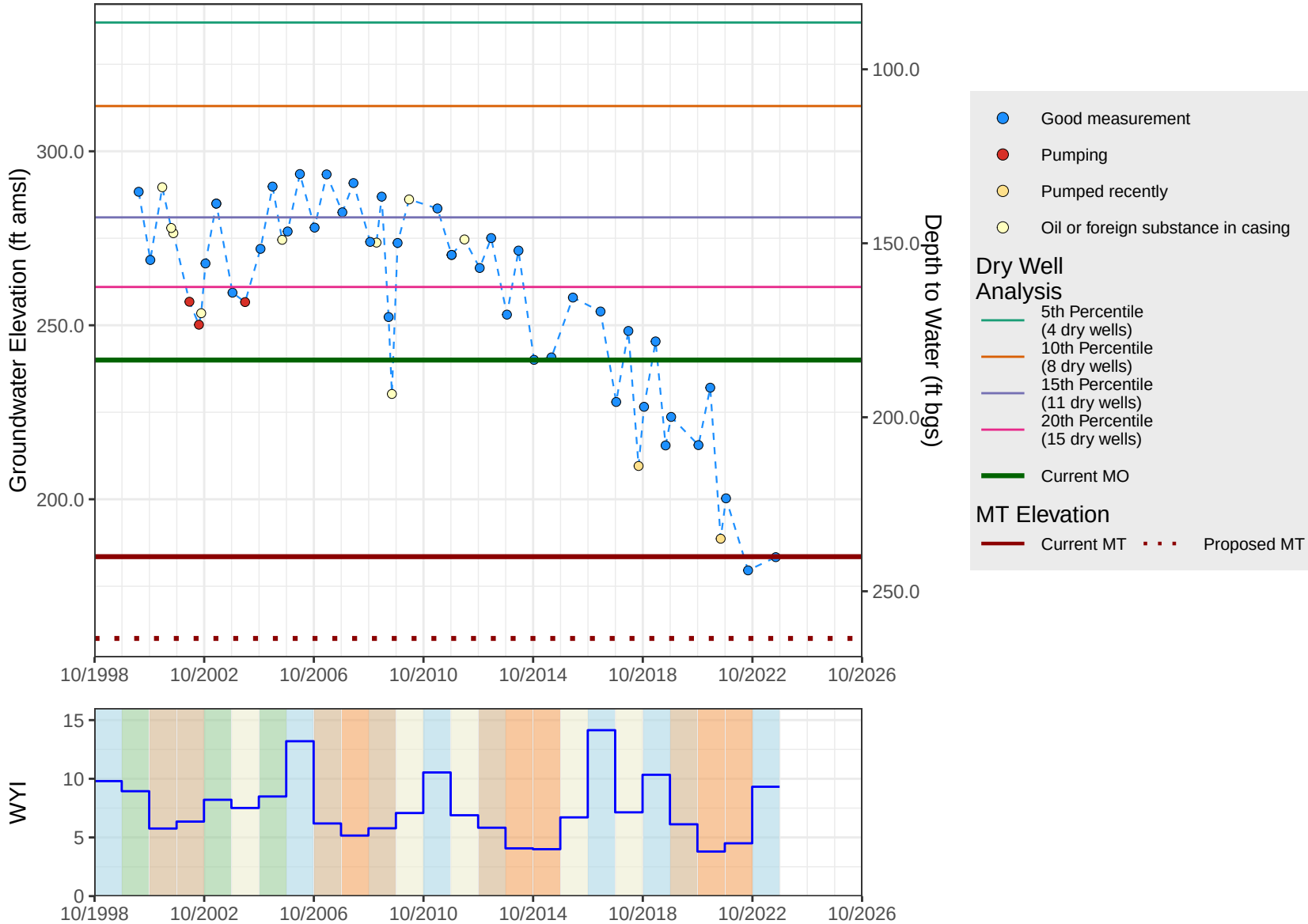
Upper Aquifer (Deep Zone) Well Depth: 780 ft. Perforation top & bottom: 250 − 780 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 160 ft amsl
DTW: 264 ft bgs

SMC
IM (2027) = 227.7 ft amsl
MO = 240.0 ft amsl
Old MT = 183.5 ft amsl

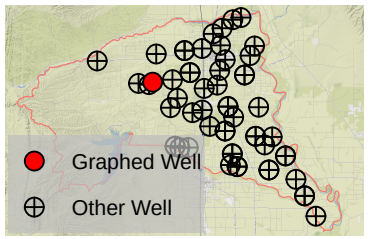
Statistics of Spring WL
Past 18 years (2003 to 2021)
Change = −52.9 ft
Ave. change = −2.94 ft/yr
Ave. WL = 273.98 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	73	38	31	0	0	4
Number and Percent Impacted	38 (52%)	29 (40%)	5 (7%)	0 (0%)	0 (0%)	4 (5%)

Corning Subbasin − State Well Number (SWN) 24N04W34K001M

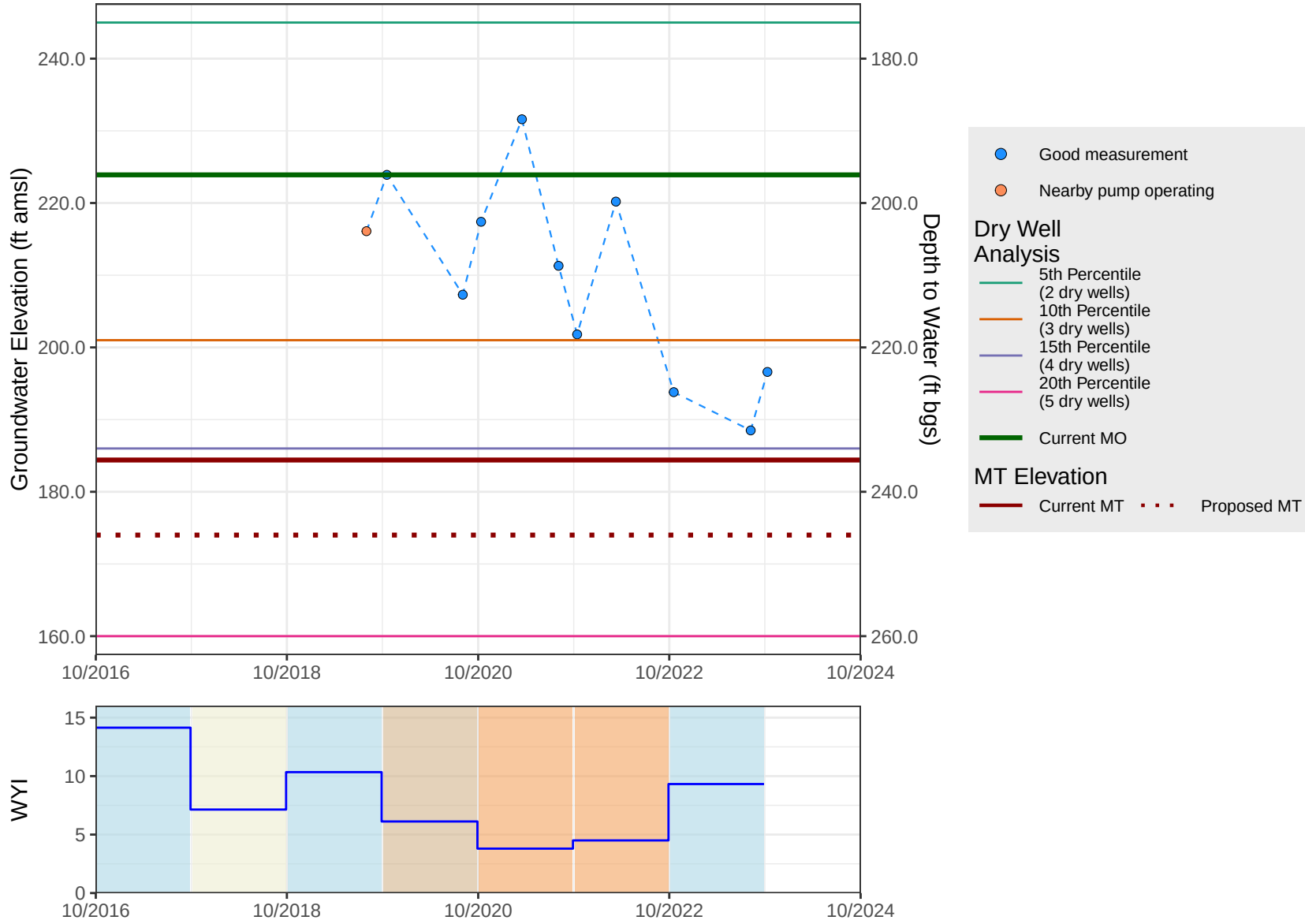
Upper Aquifer (Deep Zone) Well Depth: 750 ft. Perforation top & bottom: 310 − 750 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 174 ft amsl
DTW: 246 ft bgs

SMC
IM (2027) = 223.9 ft amsl
MO = 223.9 ft amsl
Old MT = 184.4 ft amsl

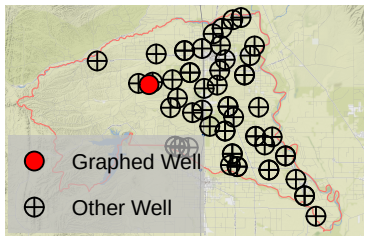
Sufficient data not available f
spring WL statistics for 3 yea



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	23	7	15	0	0	1
Number and Percent Impacted	4 (17%)	3 (13%)	0 (0%)	0 (0%)	0 (0%)	1 (4%)

Corning Subbasin − State Well Number (SWN) 24N04W34P001M

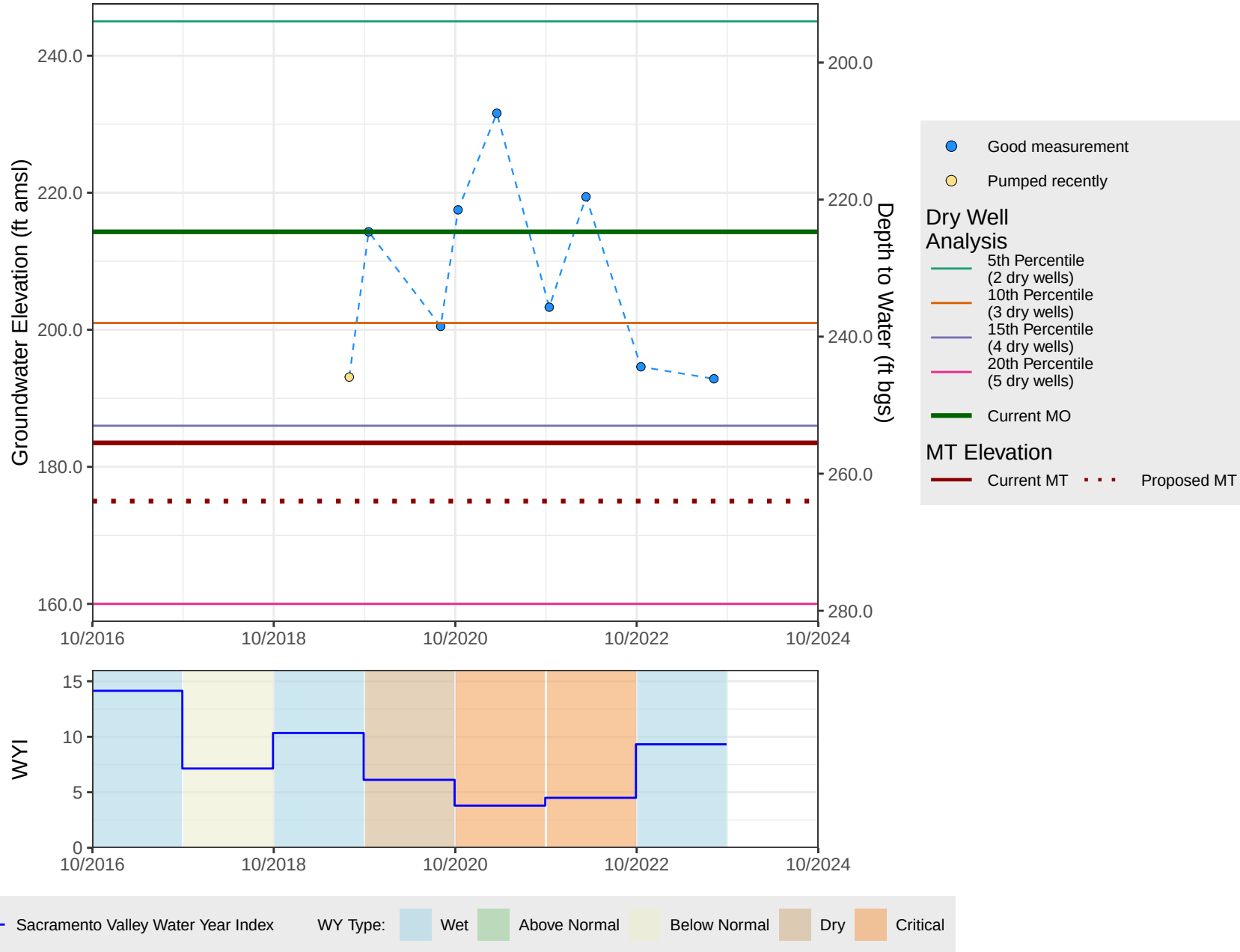
Upper Aquifer (Deep Zone) Well Depth: 535 ft. Perforation top & bottom: 290 − 475 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 175 ft amsl
DTW: 264 ft bgs

SMC
IM (2027) = 214.3 ft amsl
MO = 214.3 ft amsl
Old MT = 183.5 ft amsl

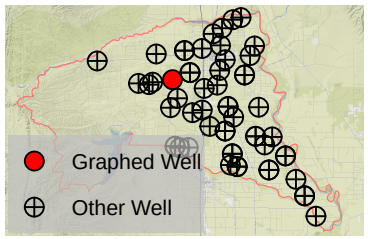
Sufficient data not available f
spring WL statistics for 3 yea



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	23	7	15	0	0	1
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 24N04W36G001M

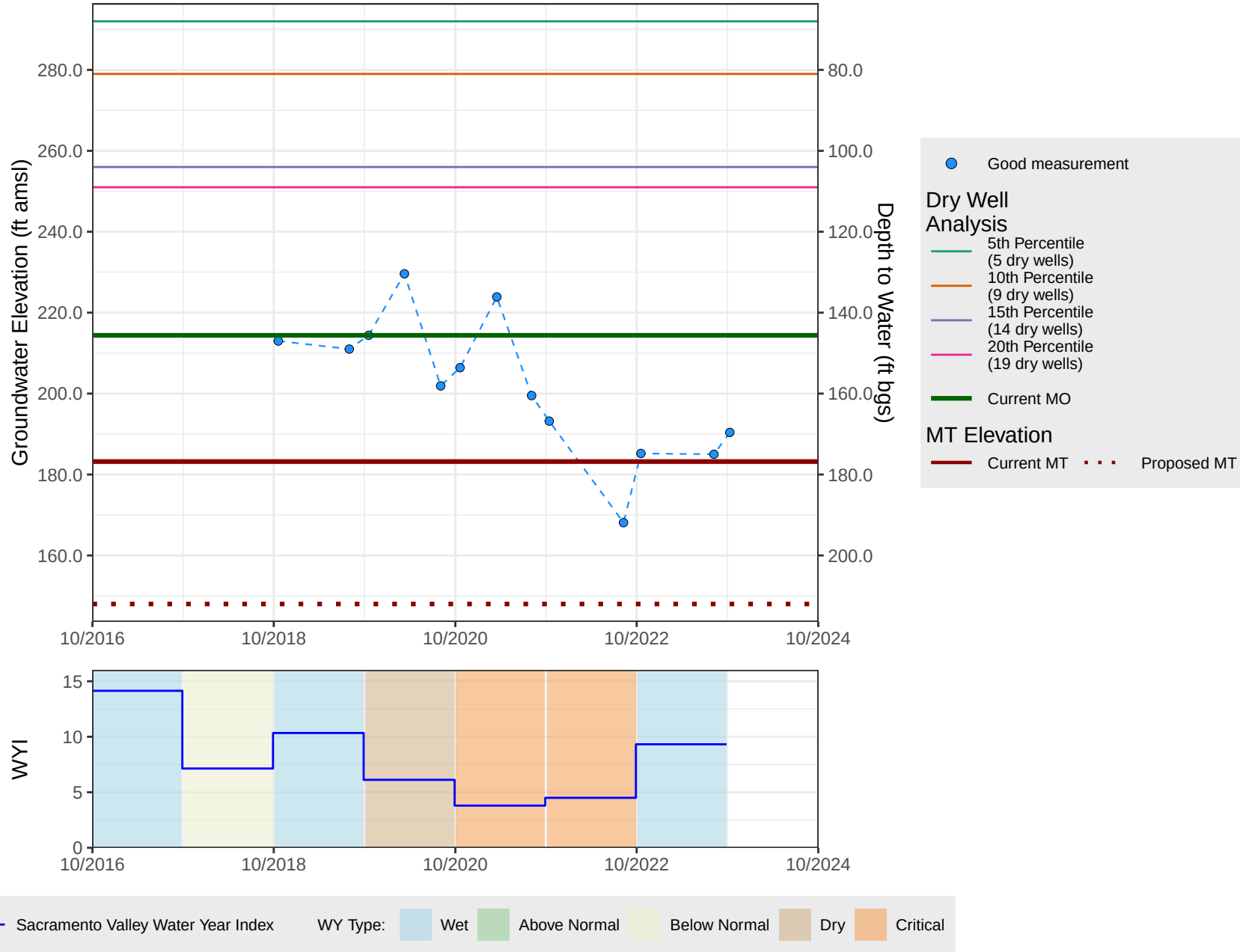
Upper Aquifer (Deep Zone) Well Depth: 750 ft. Perforation top & bottom: 320 − 750 ft bgs



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 148 ft amsl
DTW: 212 ft bgs

SMC
IM (2027) = 214.4 ft amsl
MO = 214.4 ft amsl
Old MT = 183.2 ft amsl

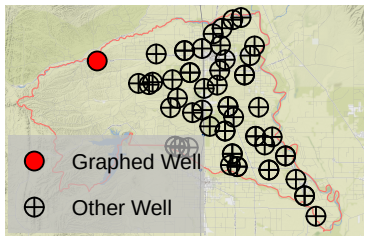
Sufficient data not available f
spring WL statistics for 3 yea



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	96	59	25	0	0	12
Number and Percent Impacted	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 24N05W23L001M

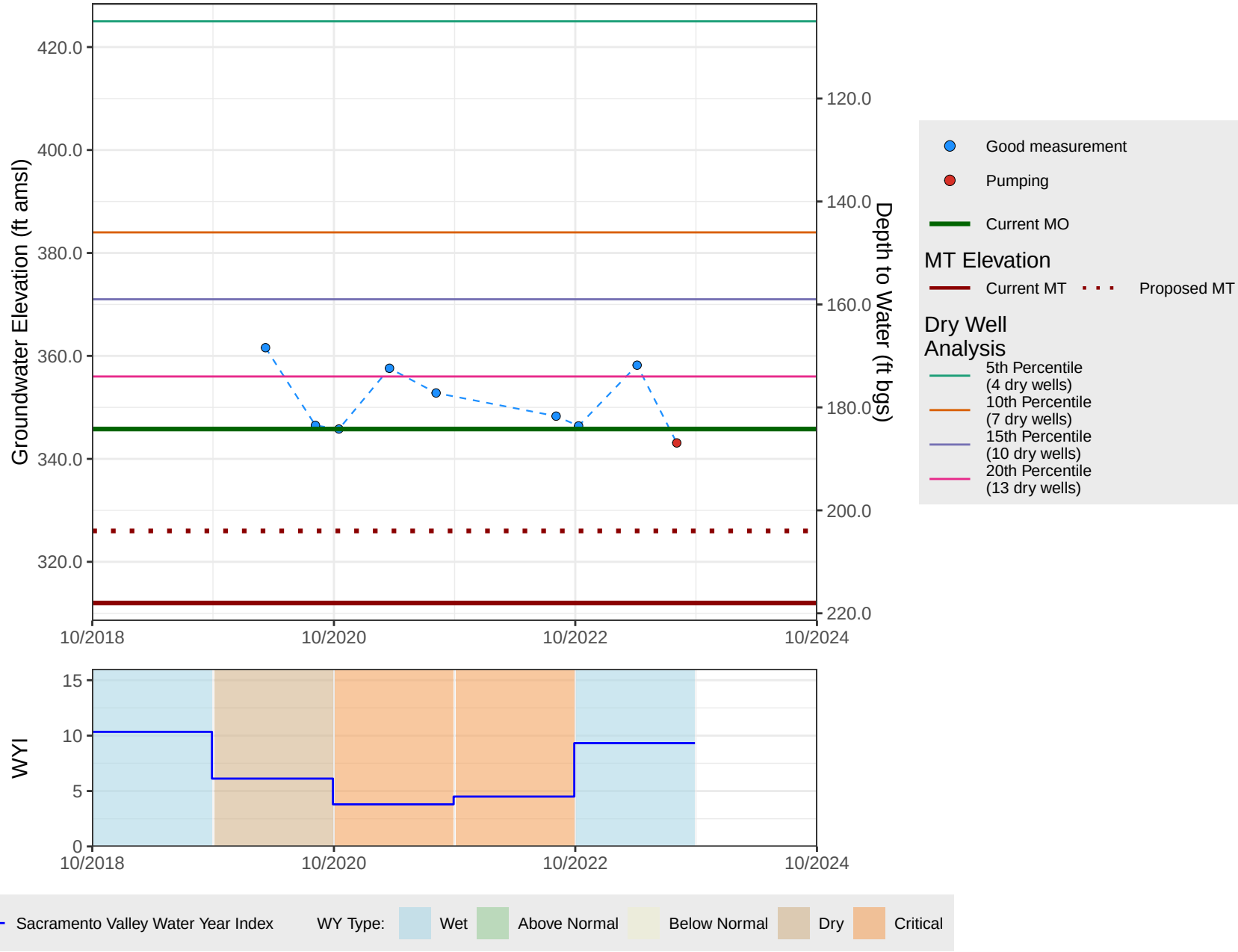
Upper Aquifer (Shallow Zone) Well Depth: 235 ft. Perforation top & bottom: Unknown



Area: Outside of Special Zon
Basis: 2020−2022 low −20 ft
GWE: 326 ft amsl
DTW: 204 ft bgs

SMC
IM (2027) = 345.8 ft amsl
MO = 345.8 ft amsl
Old MT = 312.0 ft amsl

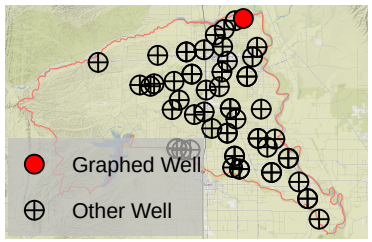
Statistics of Spring WL
Past 3 years (2020 to 2023):
Change = −3.4 ft
Ave. change = −1.13 ft/yr
Ave. WL = 359.13 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	62	36	21	0	0	5
Number and Percent Impacted	18 (29%)	13 (21%)	2 (3%)	0 (0%)	0 (0%)	3 (5%)

Corning Subbasin − State Well Number (SWN) 25N02W31G002M

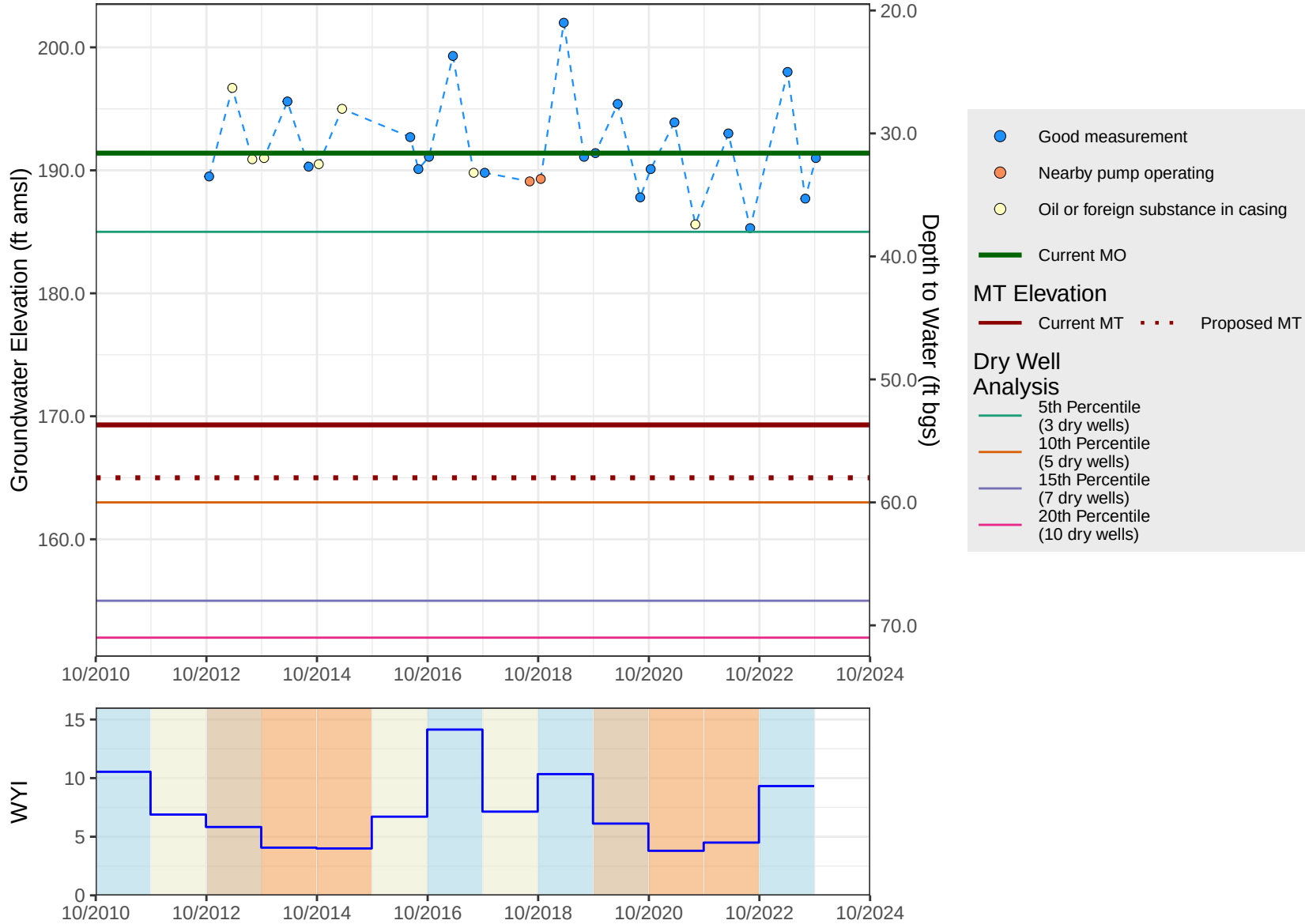
Upper Aquifer (Shallow Zone) Well Depth: 115 ft. Perforation top & bottom: 93 − 113 ft bgs



Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 165 ft amsl
DTW: 58 ft bgs

SMC
IM (2027) = 191.4 ft amsl
MO = 191.4 ft amsl
Old MT = 169.3 ft amsl

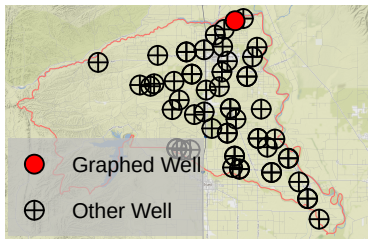
Statistics of Spring WL
Past 10 years (2013 to 2023):
Change = 1.3 ft
Ave. change = 0.13 ft/yr
Ave. WL = 196.54 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	47	27	12	1	0	7
Number and Percent Impacted	4 (9%)	2 (4%)	1 (2%)	1 (2%)	0 (0%)	0 (0%)

Corning Subbasin − State Well Number (SWN) 25N03W36H001M

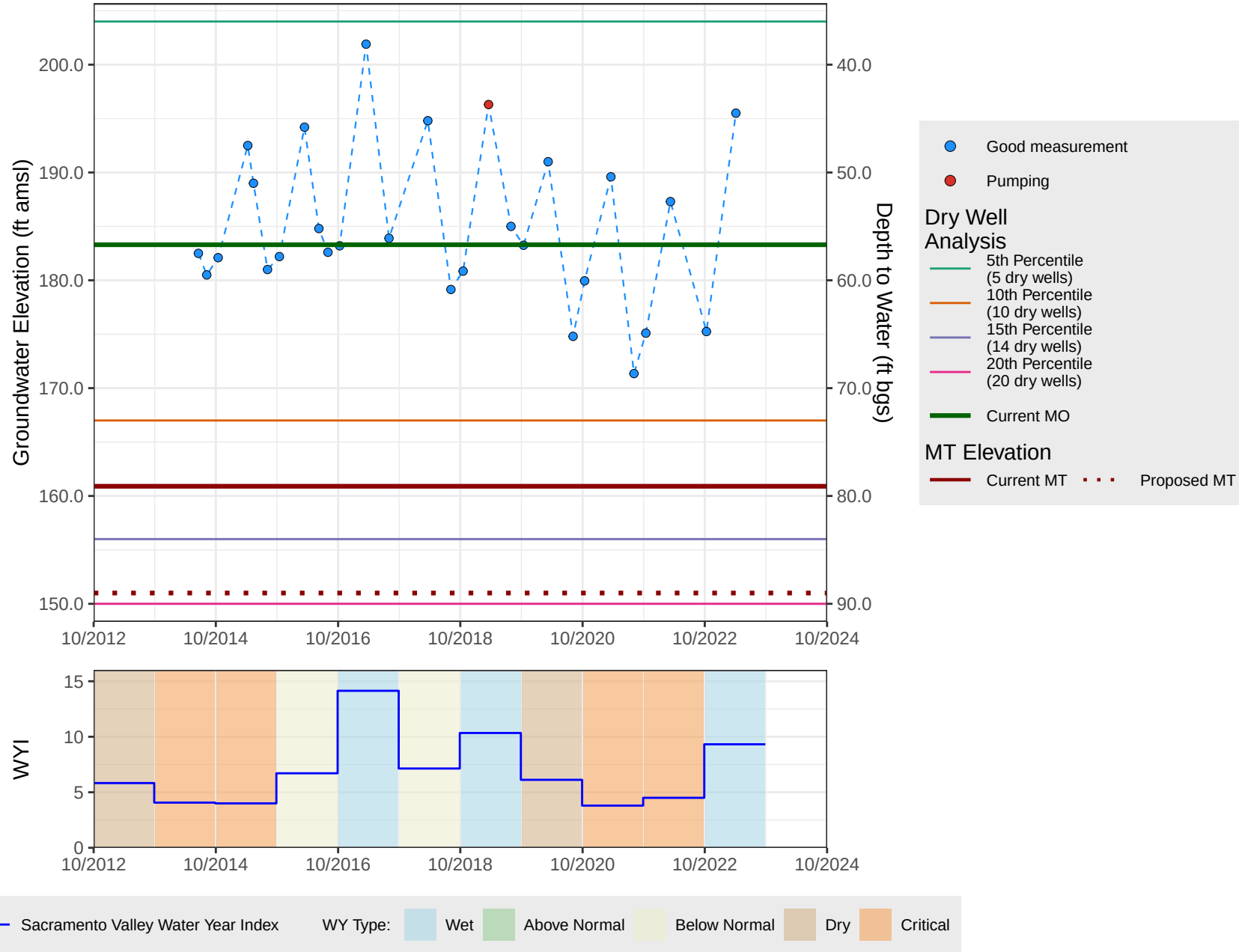
Upper Aquifer (Deep Zone) Well Depth: 524 ft. Perforation top & bottom: Unknown



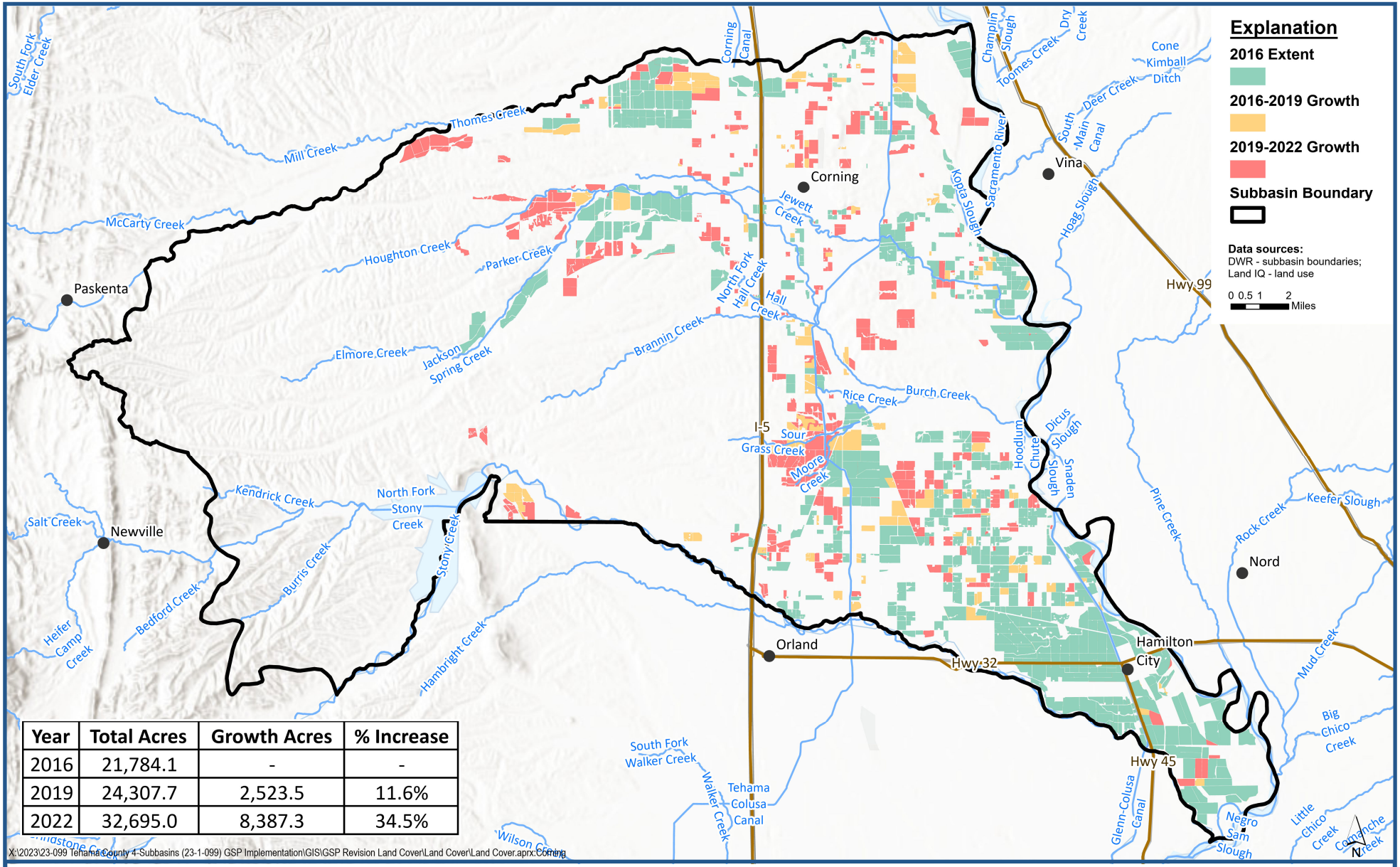
Area: Outside of Special Zone
Basis: 2020−2022 low −20 ft
GWE: 151 ft amsl
DTW: 89 ft bgs

SMC
IM (2027) = 183.3 ft amsl
MO = 183.3 ft amsl
Old MT = 160.9 ft amsl

Statistics of Spring WL
Past 8 years (2015 to 2023):
Change = 3 ft
Ave. change = 0.38 ft/yr
Ave. WL = 193.35 ft amsl



	All wells	Domestic	Agriculture	Industrial	Public	Unknown
Total Well Count	91	55	28	0	0	8
Number and Percent Impacted	17 (19%)	6 (7%)	8 (9%)	0 (0%)	0 (0%)	3 (3%)



Year	Total Acres	Growth Acres	% Increase
2016	21,784.1	-	-
2019	24,307.7	2,523.5	11.6%
2022	32,695.0	8,387.3	34.5%

X:\2023\23-099 Tehama County 4-Subbasins (23-1-099) GSP Implementation\GIS\GSP Revision Land Cover\Land Cover\Land Cover.aprx:Corning

Luhdorff & Scalmanini
Consulting Engineers

Almond and Walnut Areal Extent 2016-2022

Groundwater Sustainability Plan
Corning Subbasin

***** DRAFT FOR DISCUSSION *****

ESTABLISHING A DEMAND MANAGEMENT PROGRAM
FOR THE CORNING SUBBASIN

RECITALS

A. **WHEREAS**, groundwater and surface water resources within the Corning Subbasin are vitally important resources for all beneficial uses and users, and to maintain the economic viability, prosperity, and sustainability of the Subbasin; and

B. **WHEREAS**, in 2014 the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act, California Water Code § 10720-10737.8 (SGMA), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor on September 16, 2014. and went into effect on January 1, 2015; and

C. **WHEREAS**, the Subbasin has been designated by the California Department of Water Resources (DWR) as a high-priority subbasins and is subject to the requirements of SGMA; and

D. **WHEREAS**, SGMA requires that all medium and high priority groundwater basins in California be managed by a GSA and that such management be implemented pursuant to an approved Groundwater Sustainability Plan (GSP); and

E. **WHEREAS**, in January of 2022, the Corning Sub-basin GSA (CSGSA) and Tehama County Flood Control and Water Conservation District (the District), collectively the GSAs, submitted the Corning Subbasin GSP to DWR; and

F. **WHEREAS**, in October of 2023, DWR determined the GSP was incomplete and would require revisions prior to being determined as adequate under SGMA; and

G. **WHEREAS**, SGMA defines sustainability as the management of groundwater that can be maintained during the 20-year GSP Implementation Period without causing undesirable results; and

H. **WHEREAS,** under SGMA the GSAs are responsible for managing groundwater under the GSP to achieve and maintain sustainability according to conditions after SGMA was effective that are caused by groundwater management in the Subbasin; and

I. **WHEREAS,** it is acknowledged that sustainable management may result in some groundwater level decline during the GSP Implementation Period prior to achieving sustainable groundwater conditions by or before 2042 and this decline may give rise to adverse impacts to some wells; and

J. **WHEREAS**, the GSAs acknowledge that during the GSP Implementation Period it will be necessary to implement projects and management actions to achieve and maintain sustainable groundwater conditions in the Subbasins by or before 2042; and

K. **WHEREAS**, it is acknowledged that successful implementation of planned GSP projects to achieve their intended recharge benefits during the 20-year GSP Implementation Period

(prior to 2042) is dependent in part on uncertainties related to hydrologic conditions, including precipitation and snowpack, and available water supply during that time period; and

L. **WHEREAS**, the GSAs acknowledge that implementation of management actions will be necessary to offset these uncertainties related to project implementation and project benefits to ensure that sustainable groundwater conditions are achieved in the Subbasin by or before 2042; and

M. **WHEREAS**, it is acknowledged that wet hydrologic conditions and faster implementation of projects may result in diminished need for management actions, and

N. **WHEREAS**, the GSAs acknowledge that dry hydrologic conditions, prolonged drought, and delayed implementation of projects may result in an accelerated need for management actions; and

O. **WHEREAS**, the GSAs recognize that in order to obtain a determination that the GSPs are adequate, DWR is seeking a firm commitment from the GSAs for their consideration of management action(s) to address and mitigate overdraft and groundwater level decline during their management of the Subbasin; and

P. **WHEREAS**, the GSAs acknowledge that they cannot control groundwater conditions not caused by actions taken by the GSA; and

Q. **WHEREAS,** the GSAs acknowledge that SGMA requires sustainable groundwater management; however, SGMA does not make GSAs responsible for injury from overdraft; and

R. **WHEREAS**, the GSAs acknowledge that management action(s) to address and mitigate overdraft, groundwater level decline, and subsidence will be implemented in coordination with other related programs in the Subbasin and in the region, as applicable.

S. **NOW, THEREFORE**, in consideration of the conditions contained herein and these Recitals, which are hereby incorporated herein by this reference, the District or CSGSA has committed to review, consider, and undertake mitigation actions for demand management through development of a Demand Management Program (Program) as follows:

Commented [LH1]: One resolution for each agency; select the appropriate GSA

AGREEMENT

1. PROGRAM MEASURES

The Program is anticipated to include some subset of the following Program measures:

- Measures to be considered and moved forward for **immediate implementation (at the Program start date)**. Measures may include, but are not limited to, the following voluntary measures for reducing demand:
    - Best management practices (agronomic practices, soil moisture monitoring and management, delayed irrigation and/or regulated deficit irrigation, runoff capture, etc. to reduce groundwater extraction)

  - Water conservation (focusing on activities to reduce consumptive use and groundwater extraction)
  - Encouraging use of all available surface water in lieu of groundwater pumping
  - Multi-benefit land repurposing (e.g., recharge basins, renewable energy, habitat, recreational spaces)
  - Incentivized land use changes that provide net groundwater benefit
  - Dry farming
  - Fallowing (not associated with groundwater substitution transfers)

- Measures to be considered and moved forward for **phased adaptive implementation** (i.e., develop the actions further so that they are ready to implement in phases, commensurate with issues). Measures may include, but are not limited to:
  - Allocations, considering:
    - Well restrictions
    - Pumping restrictions
    - Water market/trading and/or fee structures

- Phased adaptive implementation measures are to be implemented commensurate with:
  - The amount of demand reduction required.
  - The issue(s) facing the area(s) where the measure(s) are to be implemented, considering, but not confined to:
    - Options for regional implementation of certain actions (around a "Special Zones" where undesirable results are occurring), and/or
    - Options for Subbasin-wide implementation of certain actions (equal treatment of the Subbasin as a whole).
    - Options for Management Area-wide implementation of certain actions (equal treatment for all subbasins within the Subbasin or the entirety of the Subbasin)

2. FUNDING AND FINANCING

The District and CSGSA will fund the Program through long term GSA funding mechanisms as determined by the District Board and CSGSA respectively.

Estimated expenses for the Program are difficult to ascertain due to the significant variables involved. However, budgetary numbers will range from $150,000 to $1,000,000 annually.

However, these numbers are only estimated for planning purposes and are subject to revision during Program development.

It is anticipated that the Program funding will come from one, or a combination, of the following sources established by the Parties:

- GSA fees and assessment
- Funds generated through implementation of other projects and management actions (e.g., fines and/or penalties)
- County/state/federal funding, as available
- Other sources, as identified

3. TERM

The Program shall be developed and implementation shall begin no later than January 1, 2027 (the Program start date). Upon implementation, the Program shall continue in perpetuity unless otherwise directed by the GSAs.

4. PROGRAM DEVELOPMENT

The GSAs shall, as part of Program development, define the Program's purpose, objectives, scope, roles and responsibilities, requirements, and potential outcomes.

The anticipated goal of the Program is to address and mitigate overdraft and groundwater level decline, and related undesirable results during the GSP Implementation Period, as defined in the Revised GSP, by reducing demand for groundwater.

Items for consideration during Program development include, but are not limited to:

- Definitions
- Program measures, including:
    - Measures for immediate implementation (i.e., measures that will move forward at the Program start date)
    - Measures for phased adaptive implementation (i.e., measures that will be developed further so that they are ready to implement in phases, commensurate with issues)
- Public outreach and engagement process
- Coordination of Program with other related programs in the region, as applicable
- Implementation considerations and protocol for phased adaptive implementation measures:
    - Identification of area(s) where measures are applicable
    - Determination of sustainable yield for those areas
    - Determination of an appropriate transition period from current to sustainable conditions (prior to 2042), considering uncertainties of the basin setting and of the timelines for other projects.
    - Process and timeline for implementing phased measures.
    - Process and timeline for evaluating and adapting measures to respond to changing conditions (in annual reports and periodic GSP evaluations).

- Considerations for allocation development and enforcement, as applicable, related to consumed versus extracted groundwater
- Monitoring and enforcement process
- Funding and financing, including the planned annual Program funding responsibilities.

5. PROGRAM IMPLEMENTATION AND MANAGEMENT

It is anticipated that a committee will be formed to create and set the final terms of the Program. The final implementation and management of the Program will be approved by the GSAs prior to the program start date.

6. ENVIRONMENTAL REVIEW

The GSAs will complete any environmental review as may be determined necessary for Program implementation.

***** DRAFT FOR DISCUSSION *****

ESTABLISHING A WELL MITIGATION PROGRAM
FOR THE CORNING SUBBASIN

RECITALS

A. **WHEREAS**, groundwater and surface water resources within the Corning Subbasin are vitally important resources for all beneficial uses and users, and to maintain the economic viability, prosperity, and sustainability of the Subbasin; and

B. **WHEREAS**, in 2014 the California Legislature passed a statewide framework for sustainable groundwater management, known as the Sustainable Groundwater Management Act, California Water Code § 10720-10737.8 (SGMA), pursuant to Senate Bill 1168, Senate Bill 1319, and Assembly Bill 1739, which was approved by the Governor on September 16, 2014. and went into effect on January 1, 2015; and

C. **WHEREAS**, the Subbasin have been designated by the California Department of Water Resources (DWR) as a high-priority subbasin and is subject to the requirements of SGMA; and

D. **WHEREAS**, SGMA requires that all medium and high priority groundwater basins in California be managed by a GSA and that such management be implemented pursuant to an approved Groundwater Sustainability Plan (GSP); and

E. **WHEREAS**, in January of 2022, the Corning Sub-basin Groundwater Sustainability Agency (CSGSA) and Tehama County Flood Control and Water Conservation District (the District), collectively GSAs, submitted the Corning Subbasin GSP to DWR; and

F. **WHEREAS**, in October of 2023, DWR determined the GSP was incomplete and would require revisions prior to being determined as adequate under SGMA; and

G. **WHEREAS**, SGMA defines sustainability as the management of groundwater that can be maintained during the 20-year GSP Implementation Period without causing undesirable results; and

H. **WHEREAS,** under SGMA the GSAs are responsible for managing groundwater under the GSP to achieve and maintain sustainability according to conditions after SGMA was effective that are caused by groundwater management in the Subbasin; and

I. **WHEREAS,** it is acknowledged that sustainable management may result in some groundwater level decline during the GSP Implementation Period prior to achieving sustainable groundwater conditions by or before 2042 and this decline may give rise to adverse impacts to some wells; and

J. **WHEREAS**, it is acknowledged that the number of wells that may be adversely impacted during the 20-year GSP Implementation Period (prior to 2042) is heavily dependent on hydrologic conditions, including precipitation and snowpack during that time period; and

K. **WHEREAS**, the GSAs acknowledges that the number of wells that may be adversely impacted during the 20-year GSP Implementation Period (prior to 2042) may be affected by implementing projects and management actions in the Subbasins; and

L. **WHEREAS**, the GSAs recognize that in order to obtain a determination that the GSPs are adequate, DWR is seeking a firm commitment from the GSAs to develop well mitigation and related actions to address impacts caused by their management of the Subbasins; and

M. **WHEREAS**, it is acknowledged that SGMA does not require GSAs to develop well mitigation programs; and

N. **WHEREAS,** the GSAs acknowledge that SGMA requires sustainable groundwater management; however, SGMA does not make GSAs responsible for injury from overdraft, nor does it require or assign any liability to GSAs to provide, ensure, or guarantee any level of water quality or access; and

O. **WHEREAS**, the GSAs acknowledge that the consideration, adoption, or implementation of any mitigation program will be limited to impacts related to GSA management, will not extend to mitigation issues related to the effects of normal wear and tear on wells and appurtenances, and will include express disclaimer that the GSAs cannot be held liable for any impacts from overdraft; and

P. **WHEREAS,** it is acknowledged that well mitigation and related actions will be implemented in coordination with other programs related to mitigating and resolving well issues and impacts, as applicable, including County-administered programs; and

Q. **NOW, THEREFORE**, in consideration of the conditions contained herein and these Recitals, which are hereby incorporated herein by this reference, the District or CSGSA has committed to review, consider, and undertake mitigation actions for water well impacts resulting from declining groundwater levels that occur from GSA management activities during the GSP Implementation Period, through development and implementation of a Well Mitigation Program (Program) as follows:

Commented [LH1]: One Resolution for each; select appropriate agency

1. PROGRAM ELIGIBILITY AND APPLICATION

Program eligibility criteria will be finalized, potentially including:

- Property eligibility
- Eligible mitigation versus non-eligible mitigation (what will and will not be covered) based on evaluation of whether issues are related to groundwater management, which may include evaluation of:
    - **a.** Groundwater levels
    - **b.** Timing of groundwater decline
    - **c.** Groundwater quality
    - **d.** Well casing
    - **e.** Well depth
    - **f.** Minimum threshold exceedances
    - **g.** Historical overdraft
    - **h.** Recent hydrology
    - **i.** Recharge programs
    - **j.** Age and condition of well

- Acute, short-term mitigation
- Chronic, long-term mitigation
- Identified areas of concern where minimum threshold exceedances and/or undesirable results have been documented.

Program application process (how property owners will apply to and be approved to participate in the Program):

- The District and/or CSGSA will draft an application, the purpose of which is to support determining eligibility, prioritization, well owner agreement, award, and implementation.

Prioritization (order in which applications are processed and funding is allocated)

- Initial applications will be prioritized based on the date of submittal.

The District and/or CSGSA will consider whether there are other reasons to consider prioritization of well-mitigation, including, but not limited to, groundwater quality, number of people served, availability of interim supplies, and office of emergency services service.

The District and/or CSGSA will also specify non-eligible services, potentially including, but not limited to:

- Ongoing maintenance
- Non-essential uses of water
- Repair or replacement of piping/infrastructure associated with moving water from the well itself to any other location.

2. PROGRAM MITIGATION MEASURES

Program mitigation measures may include, but are not limited to:

- Short-term solutions in emergencies, such as delivery of bottled water and/or water tanks. (Considered only for temporary mitigation while other actions are in progress.)
- Deepening existing water wells, or otherwise rehabilitating or replacing such wells (including abandonment of existing wells).
- Drinking water well consolidation (many-to-one).
- Connection to or development of public water systems to serve impacted communities.
- Connection to municipal water systems.

The appropriate Program mitigation measures for each mitigated well will be informed by and determined following a structured, programmatic initial well evaluation process involving (but not limited to):

- Inspection of the conditions of the well, including assessment of the current or anticipated operational issue(s) associated with the well and underlying causes of those impacts.
- Determination that the well impacts are related to groundwater management during the GSP Implementation Period (e.g., not related to effects of normal wear and tear on drinking water wells)
- Determination and recommendation of an appropriate mitigation strategy (i.e., one of the potential Program mitigation measures above).

The Program is considered a temporary solution to mitigating well impacts before achieving and maintaining sustainable groundwater conditions (by 2042).

The Program and implementation of program mitigation measures will be coordinated with other applicable programs in the Subbasin, including County-administered programs.

The parties anticipate that mitigation will occur only once for each well, and will be appropriate to and commensurate with the actual or anticipated well impacts resulting from groundwater management during the GSP Implementation Period. By way of example only, if a well is dry due to groundwater level decline, and deepening that well is the appropriate Program mitigation measure, the well will be deepened below the minimum threshold of the associated representative monitoring site well to reduce the likelihood that the same well impacts will not occur again during GSP implementation.

It is also anticipated that potential Program measures may include, but will not be limited to, well permitting or ordinances to spatially and vertically isolate new wells to minimize adverse impacts on existing water wells. The design and implementation of such measures would be coordinated with existing and/or new County well permitting processes and ordinances.

3. FUNDING AND FINANCING

The District and CSGSA will fund the Program through long term GSA funding mechanisms as determined by the District Board and CSGSA respectively.

Estimated expenses for the Program are anticipated to range between:

- $300,000 for Program startup (years 1-2), and $75,000 for Program administration thereafter (years 3+)
- $3,000,000 for Program mitigation measures, assuming (for planning purposes), that approximately 150 wells may require mitigation and that the cost of mitigation per well is approximately $20,000, on average, although the precise number and costs of mitigation are subject to refinement during Program development.

However, these numbers are only estimated for planning purposes and are subject to revision during Program development.

It is anticipated that the Program funding will come from one, or a combination, of the following sources established by the Parties:

- GSA fees and assessment
- Funds generated through implementation of other projects and management actions (e.g., fines and/or penalties)
- County/state/federal funding, as available
- Other sources, as identified

4. TERM

The Program shall be developed, and implementation shall begin no later than January 1, 2026 (the Program start date). The Program shall cover eligible mitigation as of the Program start date and shall continue thereafter until groundwater sustainability is achieved during the GSP Implementation Period, or as otherwise directed by the GSAs.

5. PROGRAM IMPLEMENTATION AND MANAGEMENT

It is anticipated that a committee will be formed to create and set the final terms of the Program. A draft implementation flow chart is attached, as **Exhibit A** for reference however the final implementation and management of the Program will be approved by the GSAs prior to the program start date.

6. WELL OWNER AGREEMENTS

After application, eligibility, and mitigation development, mitigation will need to be accompanied by a well owner agreement that includes several components, including but not limited to the following:

- Mitigation award (how will the costs of mitigation be reviewed and approved);
- Recordation of mitigation award;
- Post-mitigation responsibility (property owner to be responsible for operations, maintenance and repair of water well);
- Indemnification of the GSA;
- Easement or land use permissions

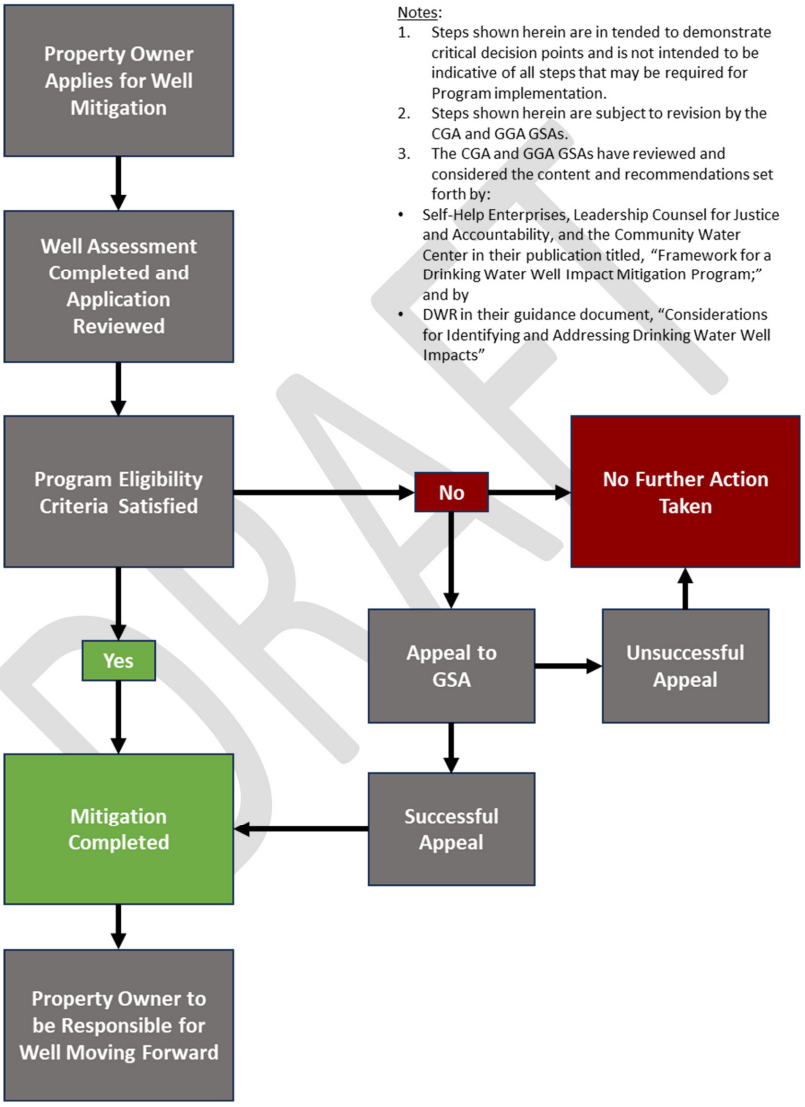
7. ENVIRONMENTAL REVIEW

The GSAs will complete any environmental review as may be determined necessary for Program implementation.

*** DRAFT FOR DISCUSSION ***

Exhibit A.

Well Mitigation Program
DRAFT Implementation Flowchart.



Notes:

1. Steps shown herein are in tended to demonstrate critical decision points and is not intended to be indicative of all steps that may be required for Program implementation.
2. Steps shown herein are subject to revision by the CGA and GGA GSAs.
3. The CGA and GGA GSAs have reviewed and considered the content and recommendations set forth by:

- Self-Help Enterprises, Leadership Counsel for Justice and Accountability, and the Community Water Center in their publication titled, "Framework for a Drinking Water Well Impact Mitigation Program;" and by
- DWR in their guidance document, "Considerations for Identifying and Addressing Drinking Water Well Impacts"

10. Committee Reports

a. Corning Subbasin Advisory Board

b. Corning Subbasin GSP Determination Response Ad Hoc Committee

Corning Subbasin Advisory Board

The Corning Subbasin Advisory Board (CSAB) met on March 6, 2024 and March 27, 2024. At the March 6, 2024 meeting, the CSAB received an update on GSA activities and received a presentation providing an update on the GSP Implementation grant, Water Year 2023 Annual Report development, and activities relating to the "incomplete" determination of the Corning Subbasin GSP including potential revisions. The CSAB made recommendations to the GSAs to develop a Resolution committing to a well mitigation program and a Resolution committing to a demand management program. A recommendation was also made to set the Groundwater Level Minimum Thresholds at the 2020-2022 low in "special zones" and 2020-2022 low minus a 20-foot margin outside of special zones.

At the March 27, 2024 meeting, the CSAB focused efforts on recommendations relating to the GSP revision process, particularly related to refining the Groundwater Level Sustainable Management Criteria and the Resolutions relating to the domestic well mitigation program and demand management program. Outcomes from this meeting will be reported.

The next CSAB meeting is scheduled to take place April 3, 2024 at 1:30 p.m. CSAB meeting materials, including presentations, agendas, and meeting summaries are available on the website at: www.corningsubbasingsp.org and https://tehamacountyca.iqm2.com/Citizens/Default.aspx

Members: John Amaro, Brian Mori, Julia Violich, Grant Carmon (Alternate)

Corning Subbasin GSP Determination Response Ad Hoc Committee

The CSGSA and Tehama County Flood Control and Water Conservation District GSA each formed an ad hoc committee that will participate in meetings with GSA staff, LSCE, and DWR to clarify and discuss the incomplete determination and understanding of the deficiencies.

The ad hoc committees have not met since the January 25, 2024 CSGSA meeting; however, they have participated in DWR consultation meetings.

Members: Tom Arnold, Brian Mori

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11. Corning Sub-basin GSA Committee Member Reports and Comments

Members of the CSGSA Committee are encouraged to share information, reports, comments, and suggest future agenda items. Action cannot be taken on matters brought

up under this item.

12. Next Meeting

A special meeting is scheduled for April 4, 2024 to be held jointly with the Tehama County Flood Control and Water Conservation District GSA. The next regular meeting is scheduled for April 11, 2024 at 2:00 p.m.

13. Adjourn

The meeting will be adjourned.