Stanislaus & Tuolumne Rivers Groundwater Basin Association
Groundwater Sustainability Agency
1231 11th Street | Modesto, CA 95354
Email: strgba@mid.org

AGENDA

Wednesday, August 13, 2025, 1:30 p.m.
https://us02web.zoom.us/j/82844864384
By phone: 1-669-900-9128
Webinar ID: 828 4486 4384

PUBLIC PARTICIPATION
The public may participate in this meeting in the three ways described below.

Instructions for Participating in the Workshop via Zoom Webinar or Phone

On your desktop/iPad or tablet/laptop:

1. To join the webinar, click the link published in the agenda for the current meeting about 5 minutes before the webinar begins.
2. Follow the on-screen instructions to install and/or launch the Zoom application.
3. If prompted, enter the webinar ID published on the agenda.
4. All public attendees will enter the meeting muted.
5. If you wish to speak under Business from the Public, or after the Chairman calls for public comment, click on the "Raise Hand" button to request to speak.

On your phone:

1. To attend the meeting by phone, call the number published in the agenda for the meeting.
2. Enter the webinar ID published in the agenda, then hit the # symbol.
3. All public attendees will enter the meeting muted.
4. If you wish to speak under Business from the Public, or after the Chairman calls for public comment, press *9 on your phone to "Raise Hand" or simply request to speak.

In person: Oakdale Irrigation District, 1205 East F Street, Oakdale

To view a physical copy of the agenda, please visit the Oakdale Irrigation District office at 1205 East F Street, Oakdale. A complete copy of the agenda packet is also available on www.strgba.org

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1. Call to Order/Welcome and Introductions
   (Four agencies are needed for a quorum)

2. Business from the Public
   Who: Public
   Expected Outcome: Interested persons are welcome to introduce any topic within the GSA's jurisdiction. Matters presented under this heading may be discussed but no action will be taken by the GSA at this meeting. It is not required, but speakers may provide their name and address. Public Comments will be limited to five minutes per speaker.

3. Topic: Approve May 21, 2025, Meeting Minutes [Action item]
   Who: Eric Thorburn, Committee
   Expected Outcome: Approval

4. Topic: Approve July 9, 2025, GSA Meeting Minutes [Action item]
   Who: Eric Thorburn, Committee
   Expected Outcome: Approval

5. Topic: Approve Draft 2026 Budget [Action item]
   Who: Eric Thornburn, Committee
   Expected Outcome: Approval

6. Topic: Spring 2025 Groundwater Level Analysis
   Who: Todd Groundwater
   Expected Outcome: Discussion

7. Next meeting
   September 10, 2025, STRGBA GSA Meeting at 1:30 p.m. Virtual or In-person at Oakdale Irrigation District

8. Committee Comments/Reports

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MEETING MINUTES

May 21, 2025 (2:30 p.m. – 4:00 p.m.)

The meeting was called to order at 1:31 p.m.

1. **Welcome and Introductions**

   The following members of the Stanislaus and Tuolumne Rivers Groundwater Basin Association Groundwater Sustainability Agency (STRGBA GSA) attended either in-person or via Zoom.

   In-Person Member Agency Attendees:

Oakdale Irrigation District (OID):	Eric Thorburn
Modesto Irrigation District (MID):	Paul Peschel
Stanislaus County:	Christy McKinnon
City of Oakdale:	Jeff Roberts
City of Modesto:	Tim Barahona
City of Waterford:	Mike Pitcock

   Other Attendees:

Brandon Herreman	Brian Underwood
Dimitri Lee	Emily Sheldon
Janice Keating	Julia Berry
Scot Moody	Tim Gobler
Paul Van Konynenburg	Larry Byrd
Robert Frobose	Alexandra Duarte
John Duarte	Anthony Ratto

2. **Business from the Public**
   N/A

3. **Approve 3/26/2025 Meeting Minutes [Action item]**
   Peschel moved, seconded by Pitcock to approve the 3/26/2025 meeting minutes.

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4. **Modesto Subbasin Fall 2024 Water Level Analysis**
   Elliott provided an update on the 2024 Fall Water Level Analysis. The presentation and accompanying comments can be viewed by clicking the following link: https://youtu.be/z0qQS8ukQ4E

5. **Next Meeting**
   June 11, 2025, at 1:30 p.m.

6. **Committee Comments/Reports**
   Thorburn announced the next STRGBA GSA workshop on May 28 at 1:30 p.m. at Modesto Irrigation District. The topic will focus on the Well Mitigation Plan.

7. **Closed Session**
   There was no reportable action taken during the closed session.

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MEETING MINUTES

July 9, 2025 (1:30 p.m. – 3:00 p.m.)

The meeting was called to order at 1:31 p.m.

1. Welcome and Introductions

The following members of the Stanislaus and Tuolumne Rivers Groundwater Basin Association Groundwater Sustainability Agency (STRGBA GSA) attended either in-person or via Zoom.

In-Person Member Agency Attendees:

Modesto Irrigation District (MID):	Jesse Franco
Oakdale Irrigation District (OID):	Eric Thorburn
Stanislaus County:	Christy McKinnon
City of Oakdale:	Jeff Roberts
City of Modesto:	Tim Barahona
City of Riverbank:	Darin Smallen
City of Waterford:	Mike Pitcock

Other Attendees:

Dominick Amador	Jarin Tasnim Anika
Ethan Andrews	Melissa Williams
Stacy Henderson	Tara Khan
Tim Gobler	Tom Orvis

2. Business from the Public

N/A

3. Approve 05/21/2025 Meeting Minutes [Action item]

Due to the agenda not being posted online before the meeting, no action was taken during this meeting.

4. Draft 2026 Budget [Action item]

Thorburn indicated that as per the STRGBA GSA MOU, the budget is expected to be finalized and approved by September 1st each year. This draft 2026 budget will be brought back to the next STRGBA GSA meeting for further discussion and potential approval.

5. **Next Meeting**
   July 16, 2025, Management Actions Workshop at 1:30 p.m.
   Virtual or In-person at Modesto Irrigation District Board Room

   August 13, 2025, STRGBA GSA Meeting at 1:30 p.m.
   Virtual or In-person at Oakdale Irrigation District

6. **Committee Comments/Reports**
   No matters were raised.

The meeting was adjourned at 2:07 p.m.

Stanislaus & Tuolumne Rivers Groundwater Basin Association
Groundwater Sustainability Agency
Annual Operating Budget
(As of June 30, 2025)

	2025 Budget	2025 Actuals to Date	2025 Projected	2026 Proposed
STRGBA GSA (MID Account)				
Operating Expenses				
Minimum Cash On-Hand for Misc. Unanticipated Expenses				$ 200,000.00
Administration	$ 5,000.00	$ 789.67	$ 1,579.34	$ 5,000.00
Grant Preparation	$ 25,000.00	$ -	$ -	$ 25,000.00
Insurance	$ 1,500.00	$ 1,083.39	$ 1,083.39	$ 1,500.00
Legal	$ 20,000.00	$ 1,250.00	$ 2,500.00	$ 30,000.00
Model Update	$ 50,000.00	$ -	$ -	$ -
Monitoring Wells	$ -	$ -	$ -	$ 350,000.00
Public Outreach	$ 10,000.00	$ 1,344.00	$ 5,000.00	$ 10,000.00
Website Rebuild & Maintenance	$ 10,000.00	$ 4,396.00	$ 8,792.00	$ 5,000.00
Data Management Systems	$ -	$ -	$ -	$ -
As-Needed Consultant Support	$ -	$ -	$ -	$ 75,000.00
MAs & Well Mitigation Consultant	$ 200,000.00	$ 126,892.20	$ 350,000.00	$ 100,000.00
Well Mitigation Plan & MA Implementation	$ 300,000.00	$ -	$ -	$ 300,000.00
Subtotal	**$ 621,500.00**	**$ 135,755.26**	**$ 368,954.73**	**$ 1,101,500.00**
Operating Revenue				
Invoiced from MID				
City of Modesto	$ 88,785.71	$ 88,785.71	$ 88,785.71	$ 88,888.11
City of Oakdale	$ 88,785.71	$ 88,785.71	$ 88,785.71	$ 88,888.11
City of Riverbank	$ 88,785.71	$ 88,785.71	$ 88,785.71	$ 88,888.11
City of Waterford	$ 88,785.71	$ 88,785.71	$ 88,785.71	$ 88,888.11
Modesto Irrigation District	$ 88,785.71	$ 88,785.71	$ 88,785.71	$ 88,888.11
Oakdale Irrigation District	$ 88,785.71	$ 88,785.71	$ 88,785.71	$ 88,888.11
Stanislaus County	$ 88,785.71	$ 88,785.71	$ 88,785.71	$ 88,888.11
Subtotal	$ 621,500.00	$ 621,500.00	$ 621,500.00	$ 622,216.76
			Projected 2025 Budget Year Carryover	$ 252,545.27
			STRGBA GSA MID Account Fund Carryover	$ 226,737.97
			Total	$ 1,101,500.00
STRGBA GSA (City of Modesto Account)				
Operating Expenses				
2027 GSP Update	$ -	$ -	$ -	$ 431,355.00
Annual Report	$ 161,084.00	$ 124,561.25	$ 161,084.00	$ 141,708.00
Contingency	$ 30,221.22	$ -	$ -	$ 30,221.22
Subtotal	**$ 191,305.22**	**$ 124,561.25**	**$ 161,084.00**	**$ 603,284.22**
Operating Revenue				
Invoiced from City of Modesto				
City of Modesto	$ 23,913.15	$ 23,913.15	$ 23,913.15	$ 75,410.53
City of Oakdale	$ 23,913.15	$ 23,913.15	$ 23,913.15	$ 75,410.53
City of Riverbank	$ 23,913.15	$ 23,913.15	$ 23,913.15	$ 75,410.53
City of Waterford	$ 23,913.15	$ 23,913.15	$ 23,913.15	$ 75,410.53
Modesto Irrigation District	$ 23,913.15	$ 23,913.15	$ 23,913.15	$ 75,410.53
Oakdale Irrigation District	$ 23,913.15	$ 23,913.15	$ 23,913.15	$ 75,410.53
Stanislaus County	$ 47,826.30	$ 47,826.30	$ 47,826.30	$ 150,821.06
Subtotal	$ 191,305.22	$ 191,305.22	$ 191,305.22	$ 603,284.22
			2025 Budget Year Carryover	$ 30,221.22
		STRGBA GSA City of Modesto Account Fund Carryover		$ 30,267.27
			Total	$ 663,772.71

City of Modesto Agreement with Todd Groundwater on Behalf of the STRGBA GSA for the Modesto Subbasin 2023-2028 Annual Reports and 2027 GSP Updates

Annual Cost Breakdown per TGW Task Schedule Estimates

Annual Budget	Annual Report Annual Cost	GSP Annual Cost	Contingency Amount	Total Annual Cost	Annual Payment Per Member Agency (12.5% of annual cost)
2023	$157,925	0	$30,221	$188,146	$23,518
2024	$161,084	0	$30,221	$191,305	$23,913
2025	$141,708	431,355	$30,221	$603,284	$75,411
2026	$144,542	431,355	$30,221	$606,118	$75,765
2027	$170,943	0	$30,221	$201,164	$25,146
2028	$174,362	0	$30,221	$204,583	$25,573
Total Over Six Payments w/ 10% Contingency Per Member				$1,994,601	**$249,325**
Joint Total Over Six Payments for STRGBA GSA					**$1,994,601**

Modesto Subbasin
GSP Periodic Evaluation & Plan Amendment

STRGBA GSA Meeting
August 13, 2025

WOODARD &CURRAN
TODD GROUNDWATER

Agenda

- GSP Periodic Evaluation and Plan Amendment overview
- DWR Recommended Corrective Actions
- DWR Recommendations
- Budget
- Schedule

GSP Periodic Evaluation

- GSP Periodic Evaluation due January 2027
- Recommended schedule: begin Summer 2025
- Period Evaluation should address:
  - DWR Recommended Corrective Actions (6)
  - DWR Recommendations (in Staff Report)
- Period Evaluation will indicate Plan Amendments that require Plan Adoption after a 90-day notice period

GSP Plan Amendment

- Plan Amendment will be required because SMCs will be revised
- Also required for major changes:
  - Overall management is changed (e.g., sustainability goal, management areas, or wholesale modifications to representative monitoring network)
  - Projects and management actions are changed substantially
  - Administrative management of the basin is changed (e.g., addition or removal of GSAs)
- GSP Amendment and Periodic Evaluation are separate documents
  - An Evaluation is required with an Amendment
  - Amendment requires Plan Adoption after a 90-day notice period
  - GSA should time GSP Amendment to align with due date of Periodic Evaluation

DWR Recommended Corrective Actions

1. Address chronic lowering of groundwater levels sustainability indicator:
   - Refine well impact analysis to assess impacts to all water well types.
   - Discuss potential effects on environmental users of lowering groundwater levels below MTs and consider GDEs.

2. Report on implementation of Projects and Management Actions:
   - Include details on water deliveries or demand reduction efforts in Non-District East.
   - Provide updates on Pumping Management Framework and Demand Reduction Strategies.

DWR Recommended Corrective Actions

3. Address the Hydrogeologic Conceptual Model

- Identify primary use of each Principal Aquifer
- Discuss implementation schedule for addressing data gaps, in particular Eastern Principal Aquifer, top of Mehrten Formation, Western Lower Principal Aquifer, base of fresh water.

4. Address the Degraded Water Quality Sustainability Indicator

- Revise definition of undesirable results to include groundwater extraction due to action or inaction of the GSAs or explain why unmanaged pumping is excluded.
- Identify a baseline number of exceedances for each constituent of concern from which new exceedances can be tracked.

DWR Recommended Corrective Actions

5. Interconnected Surface Water analysis

- Relate depletions of ISW undesirable results quantitative criteria to beneficial uses of surface water.
- Use ISW guidance to establish quantifiable MTs, MOs, and management actions.
- Continue to fill data gaps in monitoring network.
- Collaborate with local, state, federal agencies, and interested parties to understand beneficial uses.

6. Degraded Water Quality Monitoring Network improvements

- Provide location and monitoring frequency of each monitoring site and include targeted principal aquifer and constituents of concern.

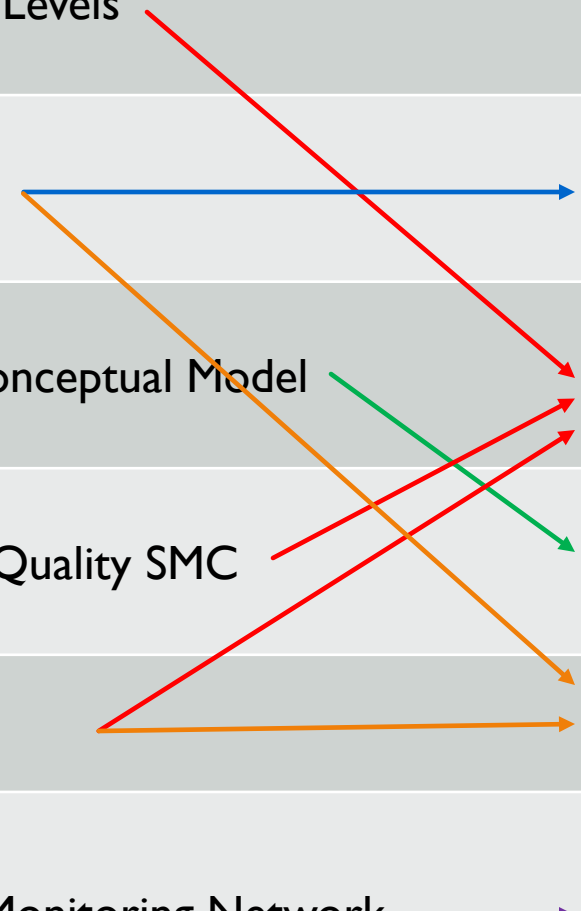
DWR Recommendations (in Staff Report)

DWR recommends and requests improvements in their Staff Report that are not official "Corrective Actions."

Some examples:

- Subsidence: Specify how subsidence SMC criteria may be adjusted if increasing rates of subsidence are indicated by InSAR. (page 57)
- Monitoring Network: Include a description of associated costs, available funding and schedule for monitoring well installation as part of annual reports and the next periodic evaluation. (page 62)
- ISW: Provide the steps that will be taken to fill data gaps before the next five-year assessment and recommend that the GSAs provide an update to demonstrate progress to fill the data gaps for interconnected surface water by the next periodic evaluation. (page 65)

DWR's Corrective Actions	Proposed Scope of Work (Technical Tasks)
1. Chronic Lowering of GW Levels	1. GW Conditions
2. Report on PMAs	2. Implementation Assessment
3. Address Hydrogeologic Conceptual Model	3. SMC Evaluation
4. Address Degraded Water Quality SMC	4. Hydrogeologic Conceptual Model
5. ISW Analysis	5. Model Upgrade
6. Degraded Water Quality Monitoring Network	6. Monitoring Network Evaluation



BUDGET (2023)

Task	Todd Groundwater	Woodard & Curran	Total
Task 2: Five Year Update			
Task 2.1: Groundwater Condition Update	$ 35,400	$ -	$ 35,400
Task 2.2: GSP Implementation Assessment	$ 20,100	$ -	$ 20,100
Task 2.3: Sustainable Management Criteria Evaluation	$ 47,100	$ -	$ 47,100
Task 2.4: Hydrogeologic Conceptual Model Update	$ 55,700	$ 15,220	$ 70,920
Task 2.5: C2VSimTM Model Upgrade	$ -	$ 250,980	$ 250,980
Task 2.6: Monitoring Network Evaluation	$ 26,300	$ -	$ 26,300
Task 2.7: Stakeholder Outreach	$ 80,660	$ 44,550	$ 125,210
Task 2.8: Prepare Five-Year Update Report	$ 117,240	$ 85,620	$ 202,860
Task 2.9: Project Management	$ 43,320	$ 40,520	$ 83,840
Task 2: Total Estimated Cost	**$ 425,820**	**$ 436,890**	**$ 862,710**

- Total budget = $862,710
- May need to shift budget between tasks to address DWR's Corrective Actions.
- Note: some uncertainty with regard to future DWR guidance document on ISW.

SCHEDULE

	TASK	DATES	2025					2026											2027
			Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan
	Project Begins	August 2025	●																	
1	Groundwater Condition Update	August 2025 - December 2025	■	■	■	■	■													
2	GSP Implementation Assessment	November 2025 - March 2025				■	■	■	■	■	■	■	■	■	■					
3	Sustainable Management Criteria Evaluation	November 2025 - March 2026				■	■	■	■	■	■	■	■	■	■					
4	Hydrogeologic Conceptual Model Update	September 2025 - January 2026		■	■	■	■	■												
5	C2VSimTM Model Update	October 2025 - August 2026			■	■	■	■	■	■	■	■	■	■	■					
6	Monitoring Network Evaluation	January 2026 - June 2026						■	■	■	■	■	■							
7	Stakeholder Outreach	August 2025 - January 2027	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
8	Prepare GSP Evaluation and GSP Amendment	April 2026 - January 2027									■	■	■	■	■	■	★			★
9	Project Management	August 2025 - January 2027	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

Note: Task 7 includes monthly TAC Planning Group meetings, monthly STRGBA GSA meetings and interbasin coordination meetings.

● Project begins

★ Draft GSP Amendment for Adoption (begin 90-day adoption period) and Draft GSP Evaluation (adoption not required)

★ GSP Amendment and GSP Evaluation Submitted to DWR

QUESTIONS?

Modesto Subbasin GSP

Spring 2025 Groundwater Level Analysis

STRGBA GSA Meeting
August 13, 2025

Agenda

- Spring 2025 GSP Monitoring Event
- Water Level Analysis – Draft Results
  - Sustainable Management Criteria
  - Hydrographs
- Summary and perspective

Monitoring Well MW-9

TODD GROUNDWATER

DRAFT

Definition of Undesirable Results

Chronic Lowering of Groundwater Levels 

An undesirable result will occur when at least 33% of representative monitoring wells exceed the MT for a principal aquifer in three (3) consecutive Fall monitoring events.

Interconnected Surface Water 

An undesirable result will occur on one of the rivers when 33% to 50% of the representative monitoring wells for that river exceed the MT in three (3) consecutive Fall monitoring events.
(33% on Stanislaus and Tuolumne rivers, 50% on San Joaquin River)

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Spring 2025 GSP Monitoring Event

- Seventh GSP Monitoring Event
- Groundwater elevations measured in late February to early March 2025 in 59 representative monitoring wells (RMWs)
- 2 RMWs not measured due to casing obstructions (Wood and Quesenberry)

TODD GROUNDWATER

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Water Year 2025 Minimum Thresholds (MTs)

Chronic Lowering of Water Levels

	Fall 2024	Spring 2025
Western Upper Principal Aquifer		
Above	17	17
Below	0	0
Not Measured	0	0
% Below (includes measured wells)	0%	0%
Western Lower Principal Aquifer		
Above	5	5
Below	0	0
Not Measured	0	0
% Below (includes measured wells)	0%	0%
Eastern Principal Aquifer		
Above	27	27
Below	10	10
Not Measured	2	2
% Below (includes measured wells)	27%	27%

Interconnected Surface Water

	Fall 2024	Spring 2025
San Joaquin River		
Above	2	2
Below	0	0
Not Measured	0	0
% Below (includes measured wells)	0%	0%
Stanislaus River		
Above	6	8
Below	2	0
Not Measured	0	0
% Below (includes measured wells)	25%	0%
Tuolumne River		
Above	8	7
Below	1	2
Not Measured	1	1
% Below (includes measured wells)	11%	22%

Summary of GSP Monitoring Events

Undesirable Results Definition	Principal Aquifer/River	Percent of Measured RMWs Below MT						
		WY 2022	WY 2023		WY 2024		WY 2025	
		Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024	Fall 2024	Spring 2025
Chronic Lowering of Groundwater Levels								
At least **33%** of RMWs exceed the MT for that Principal Aquifer in **three (3)** consecutive **Fall** monitoring events.	**Western Upper**	0%	**6%**	0%	**0%**	0%	**0%**	0%
	Western Lower	20%	**20%**	0%	**20%**	0%	**0%**	0%
	Eastern	28%	**57%**	32%	**30%**	19%	**27%**	27%
Interconnected Surface Waters								
At least **33%** (Stanislaus and Tuolumne) or **50%** (San Joaquin) of RMWs for a river exceed the MT in **three (3)** consecutive **Fall** monitoring events	**San Joaquin River**	0%	**50%**	0%	**0%**	0%	**0%**	0%
	Stanislaus River	25%	**75%**	25%	**25%**	13%	**25%**	0%
	Tuolumne River	11%	**56%**	22%	**11%**	0%	**11%**	22%

Fall GSP Monitoring Event - below threshold

Fall GSP Monitoring Event - above threshold

TODD GROUNDWATER

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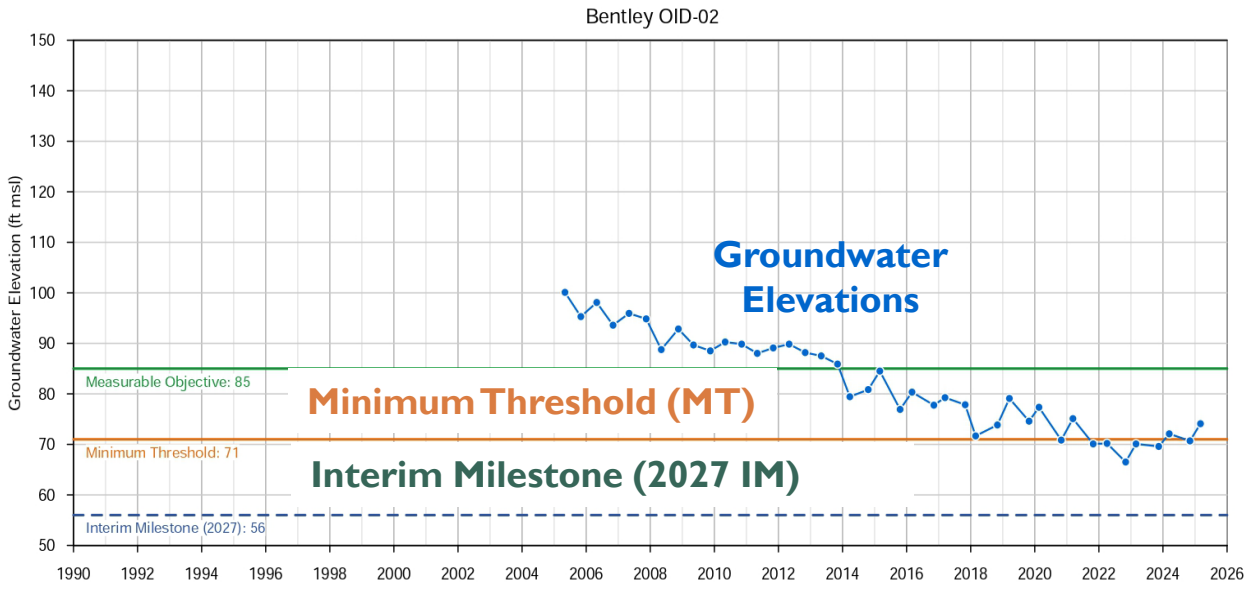
Interim Milestones (IMs)

- Chronic Lowering of Water Levels
  - 14 wells with IMs
  - No wells exceeded their IM during Spring 2025
  - 1 well with IM (Quesenberry) had no measurement
- Interconnected Surface Water
  - 5 wells with IMs
  - No wells exceeded their IM during Spring 2025
  - 1 well with IM (Quesenberry) had no measurement



TODD GROUNDWATER

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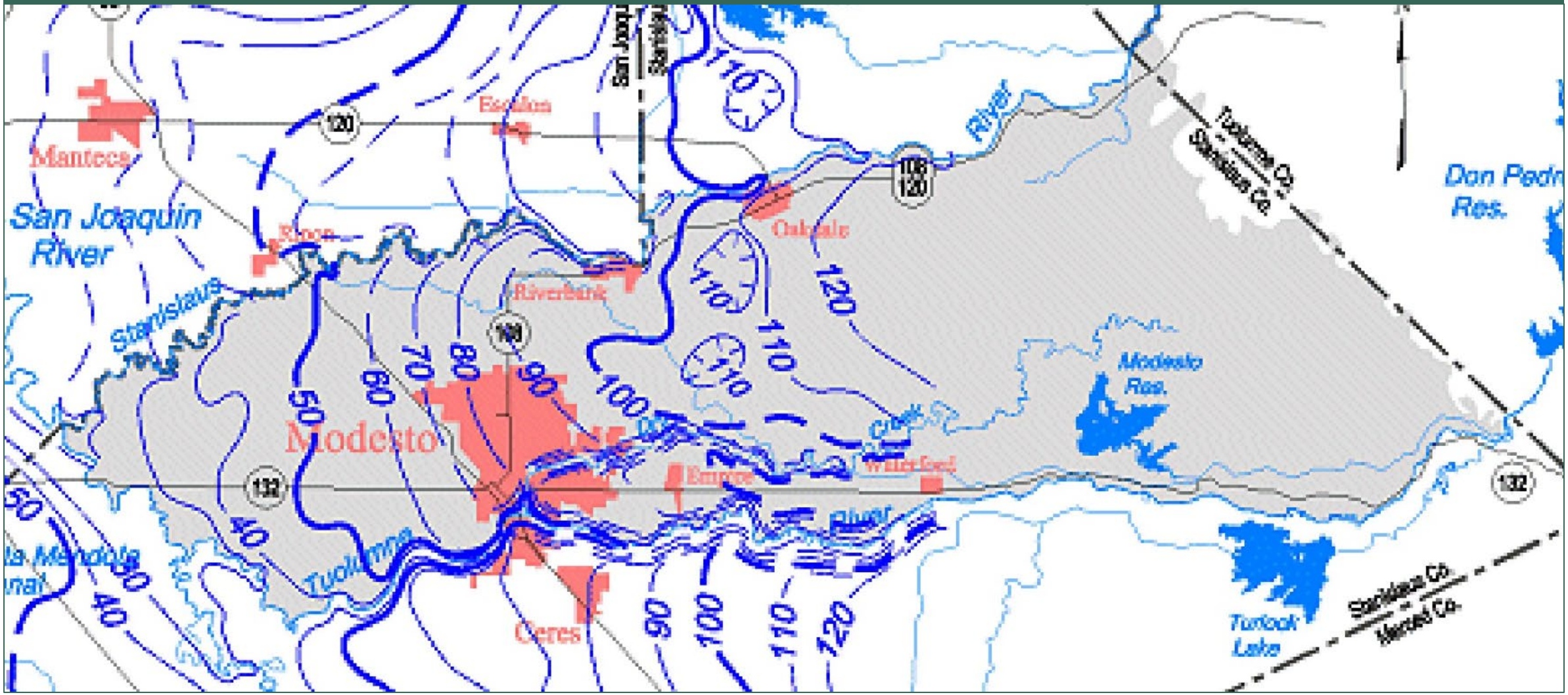
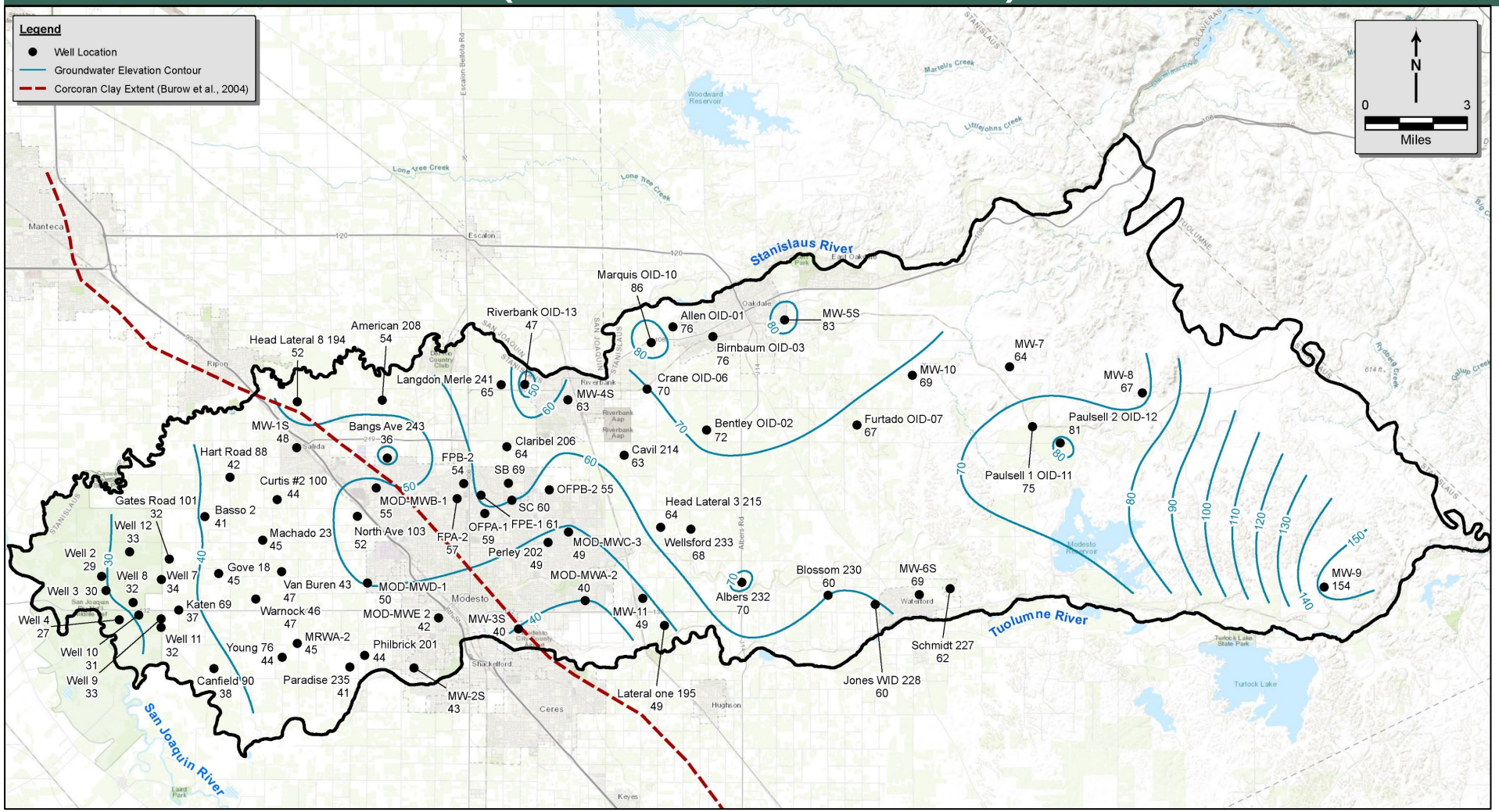
Groundwater Elevation Contours Spring 1958



Groundwater Elevation Contours Spring 2024 (66 years later)



TODD GROUNDWATER

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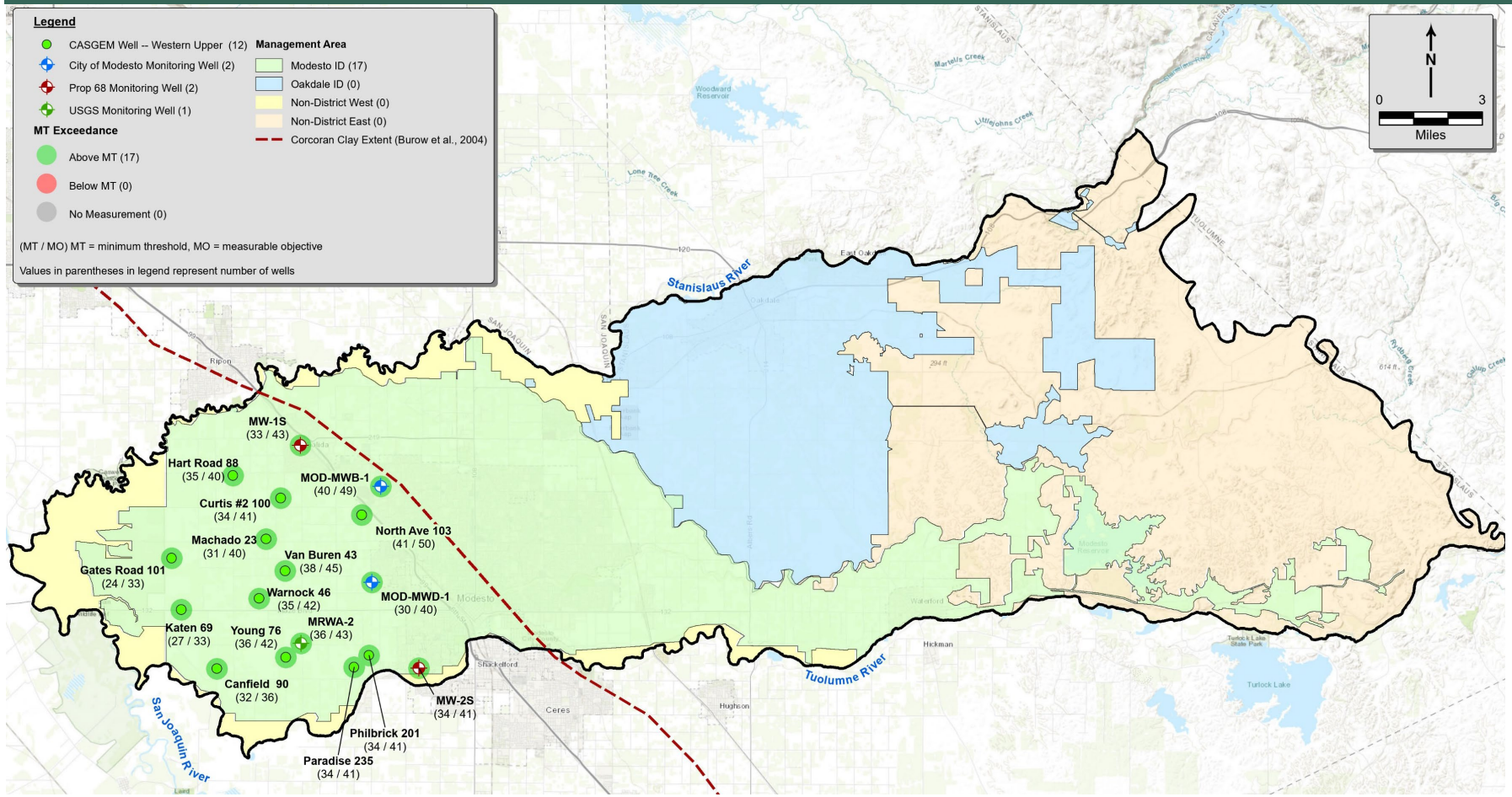
Spring 2025
Western Upper Principal Aquifer



- No RMWs below MT
- Many wells over MOs
- Spring 2024:
  No RMWs below MT

TODD GROUNDWATER

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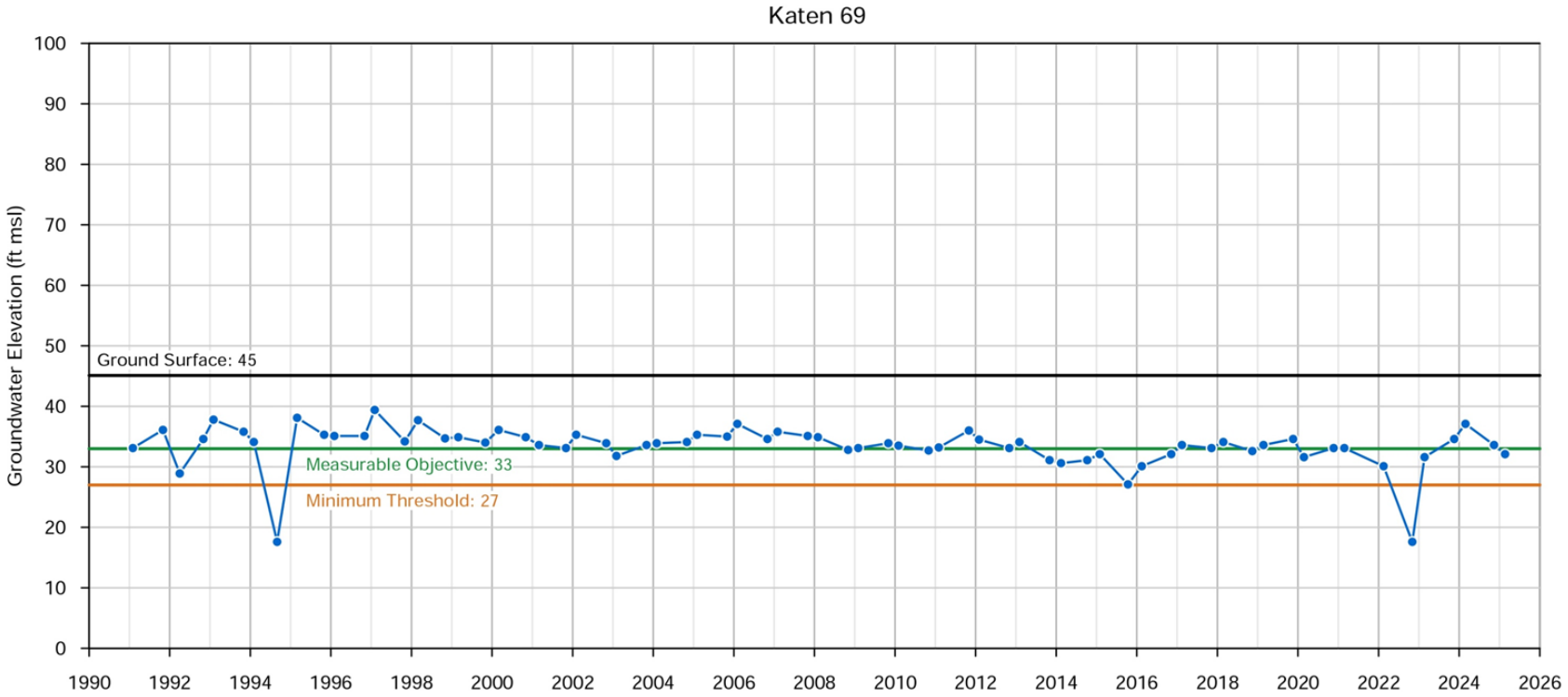
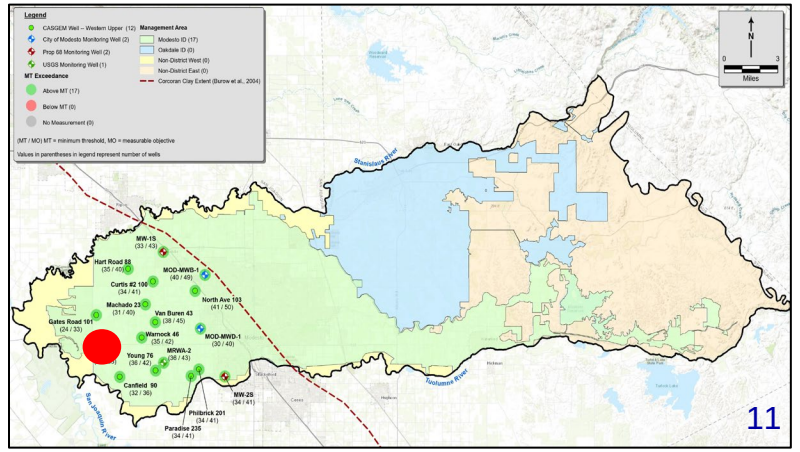
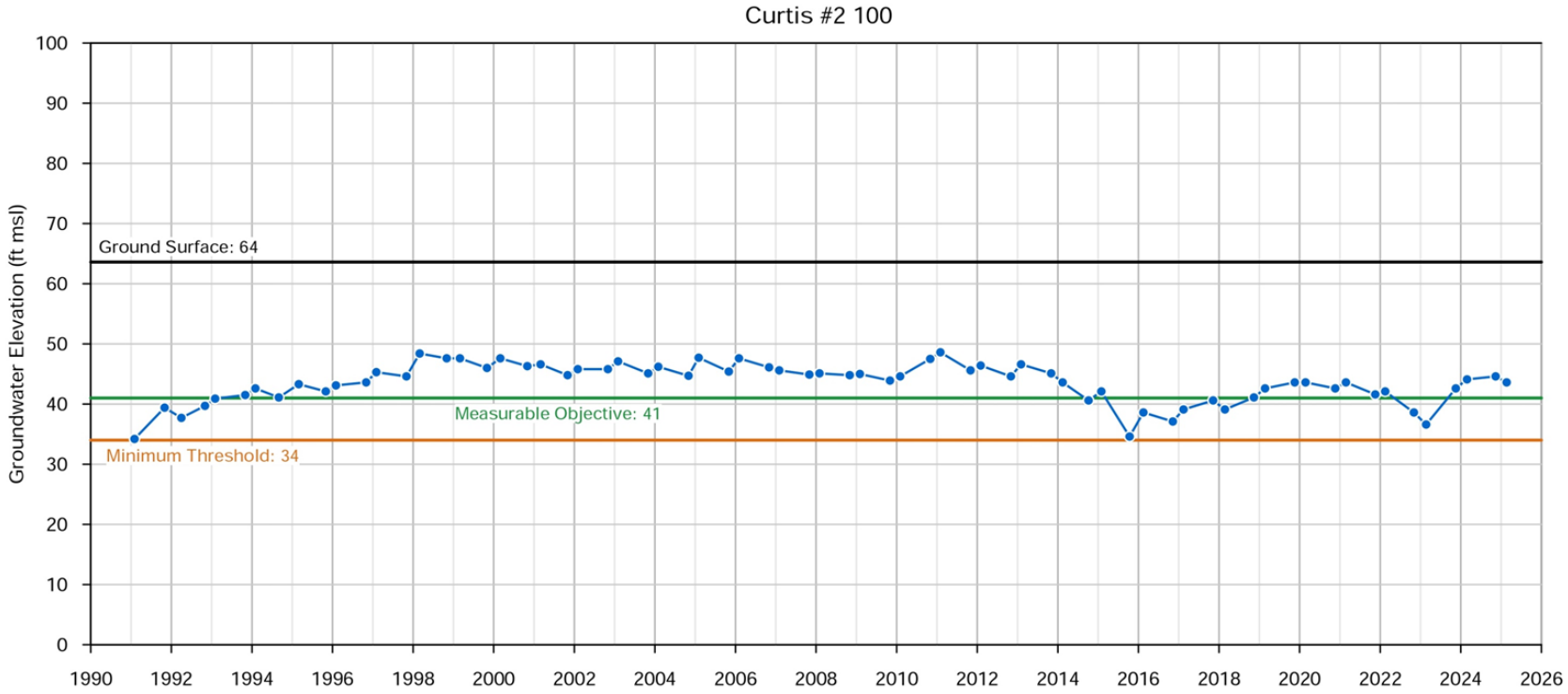
Hydrographs
Western Upper Principal Aquifer



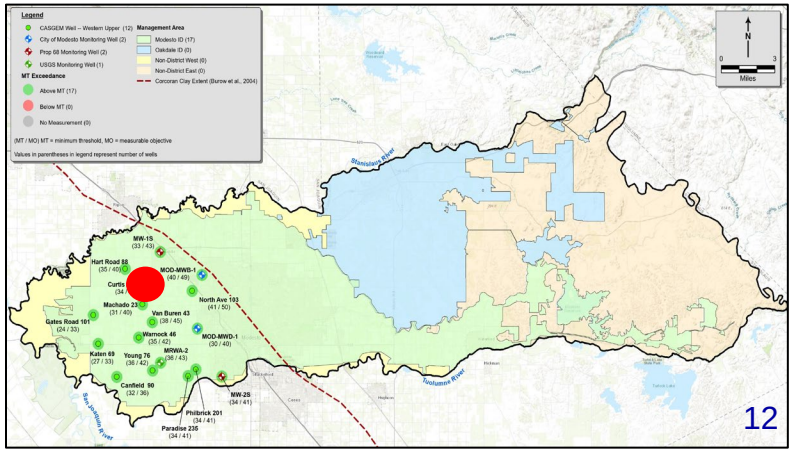
- Water level has recovered since Fall 2022 and is relatively stable over the last two years.



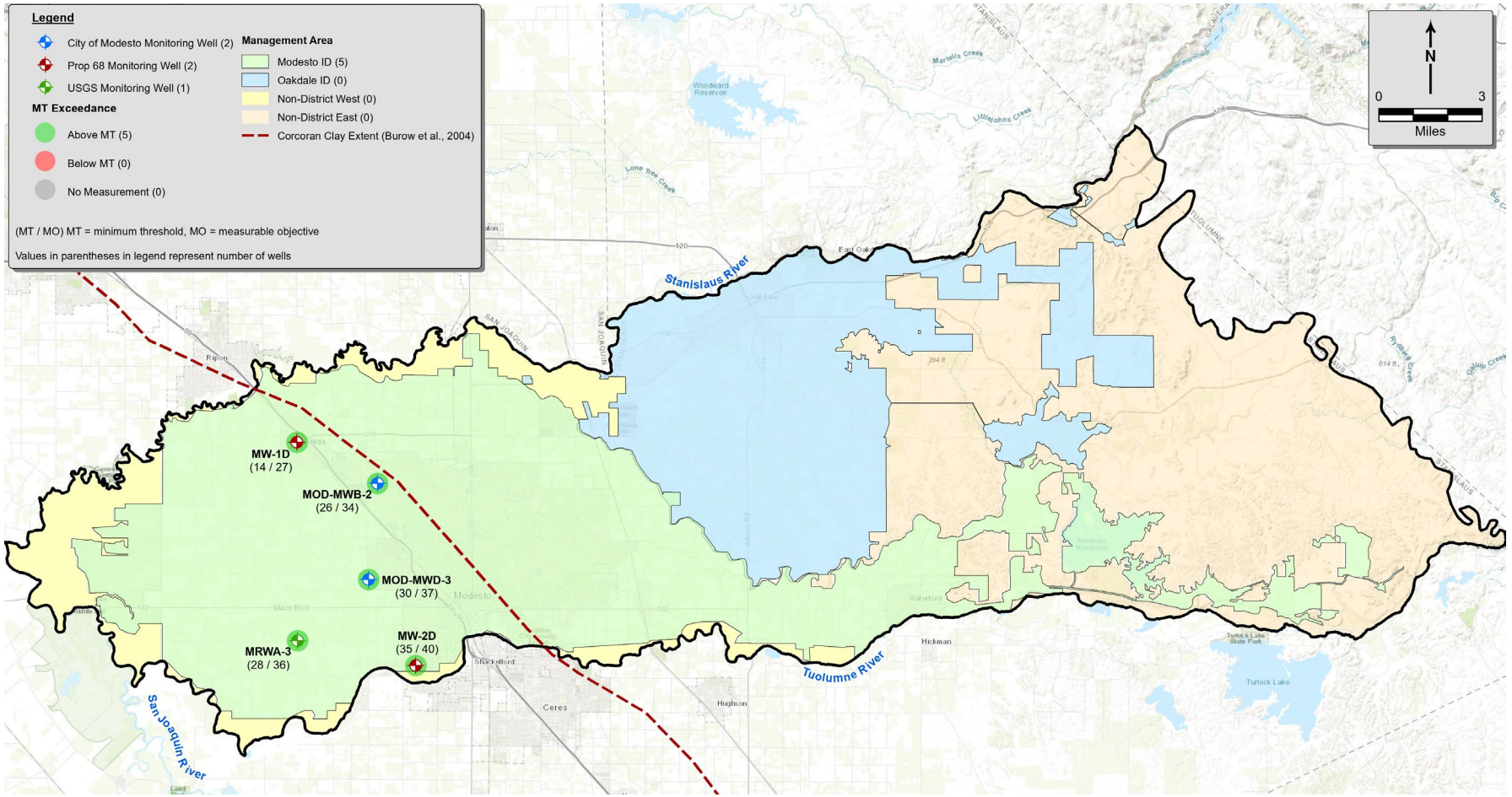
Hydrographs
Western Upper Principal Aquifer



- Water levels are above the MO.
- Water level recovered and is stable in 2024 and early 2025.



Spring 2025
Western Lower Principal Aquifer

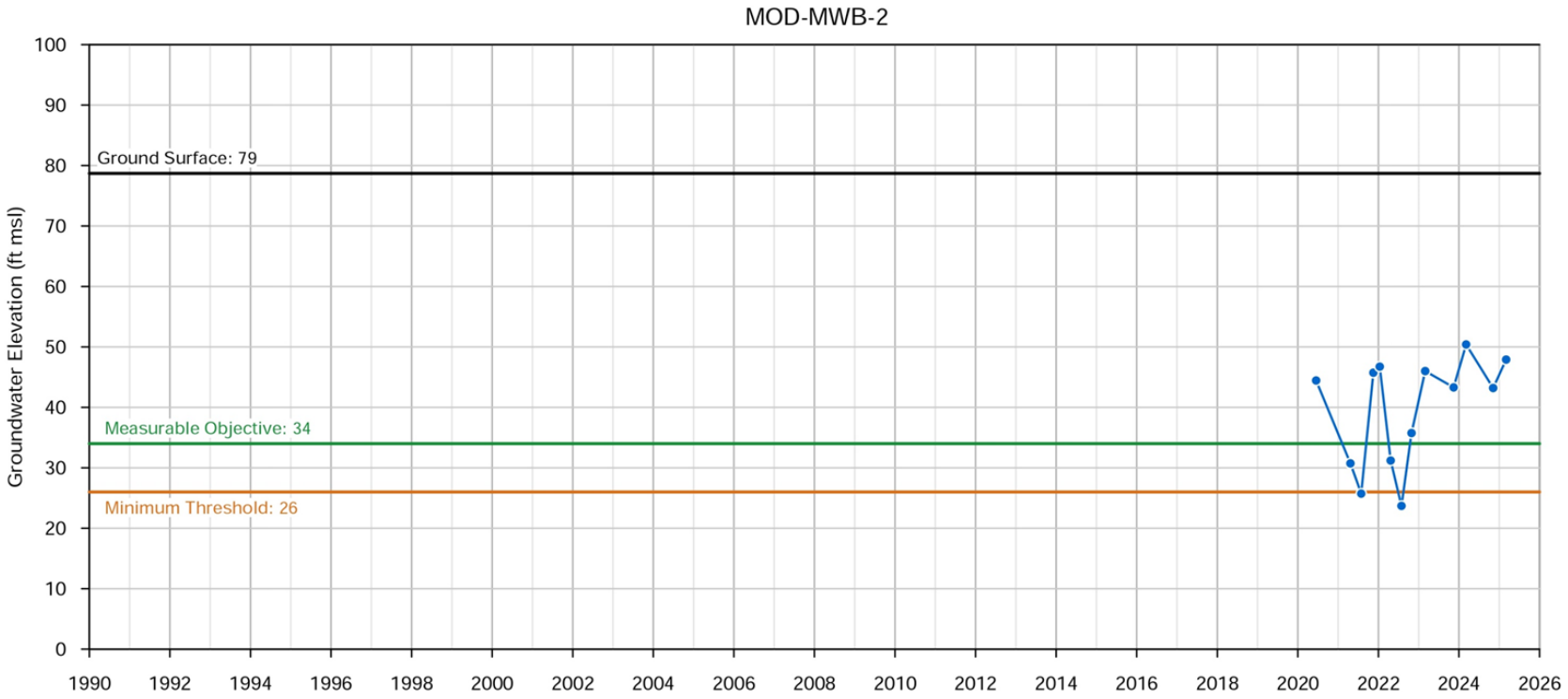


- No RMWs below MT
- Spring 2024: No RMWs below MT

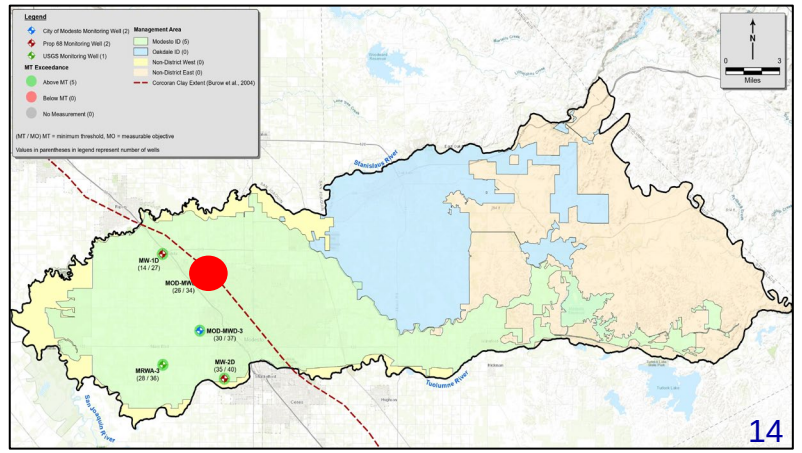
TODD GROUNDWATER

DRAFT

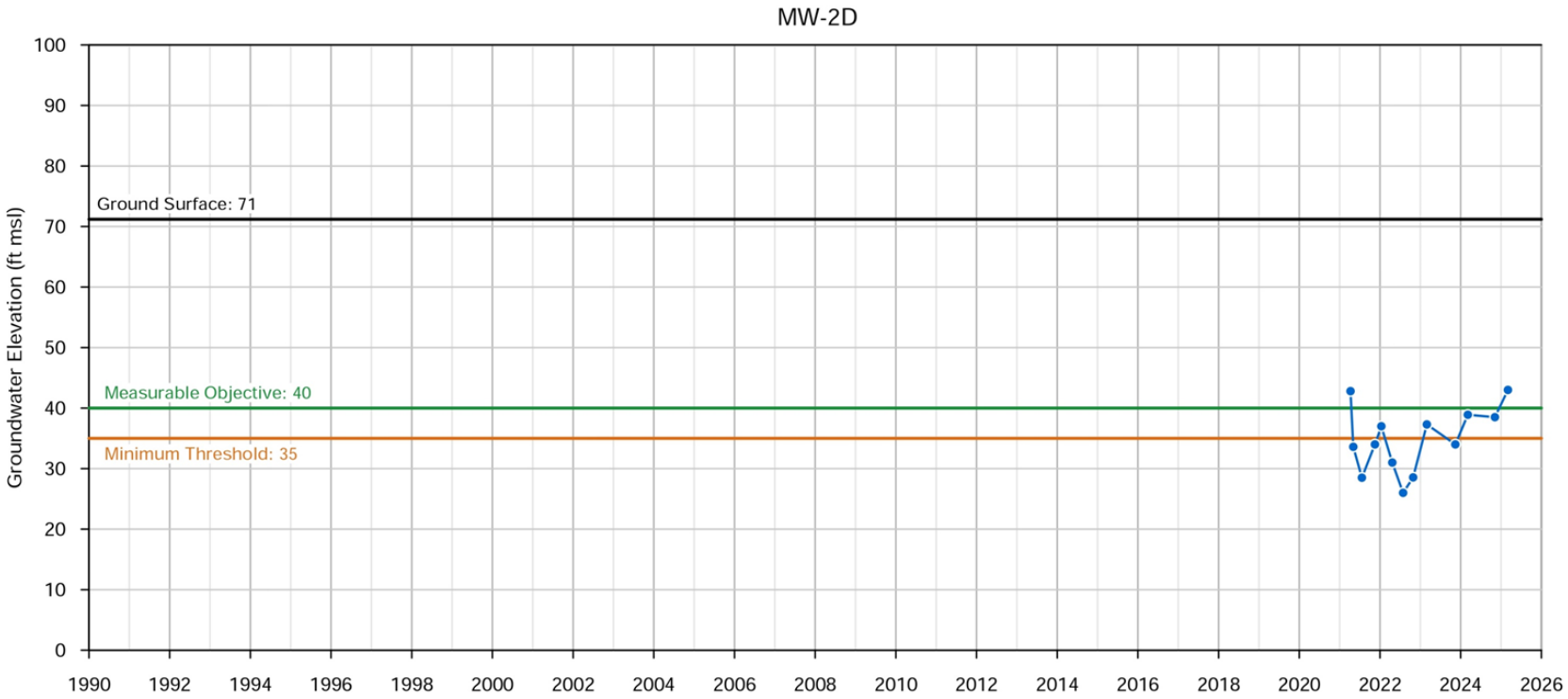
Hydrographs
Western Lower Principal Aquifer



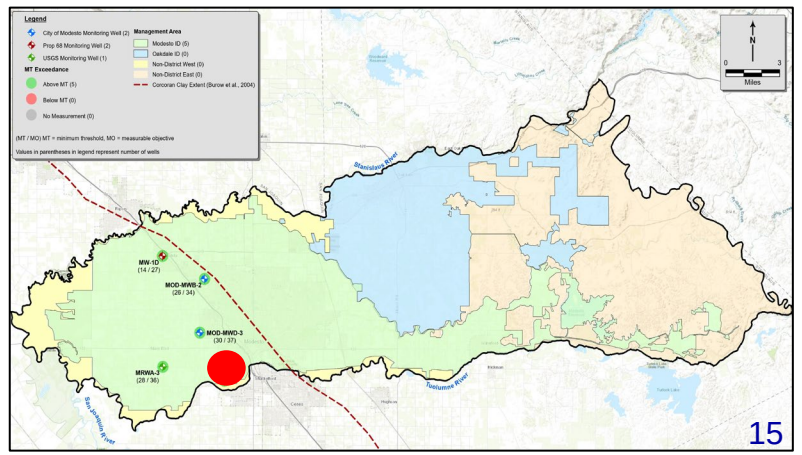
- Water levels are above the MO
- Seasonal fluctuations less pronounced since 2023



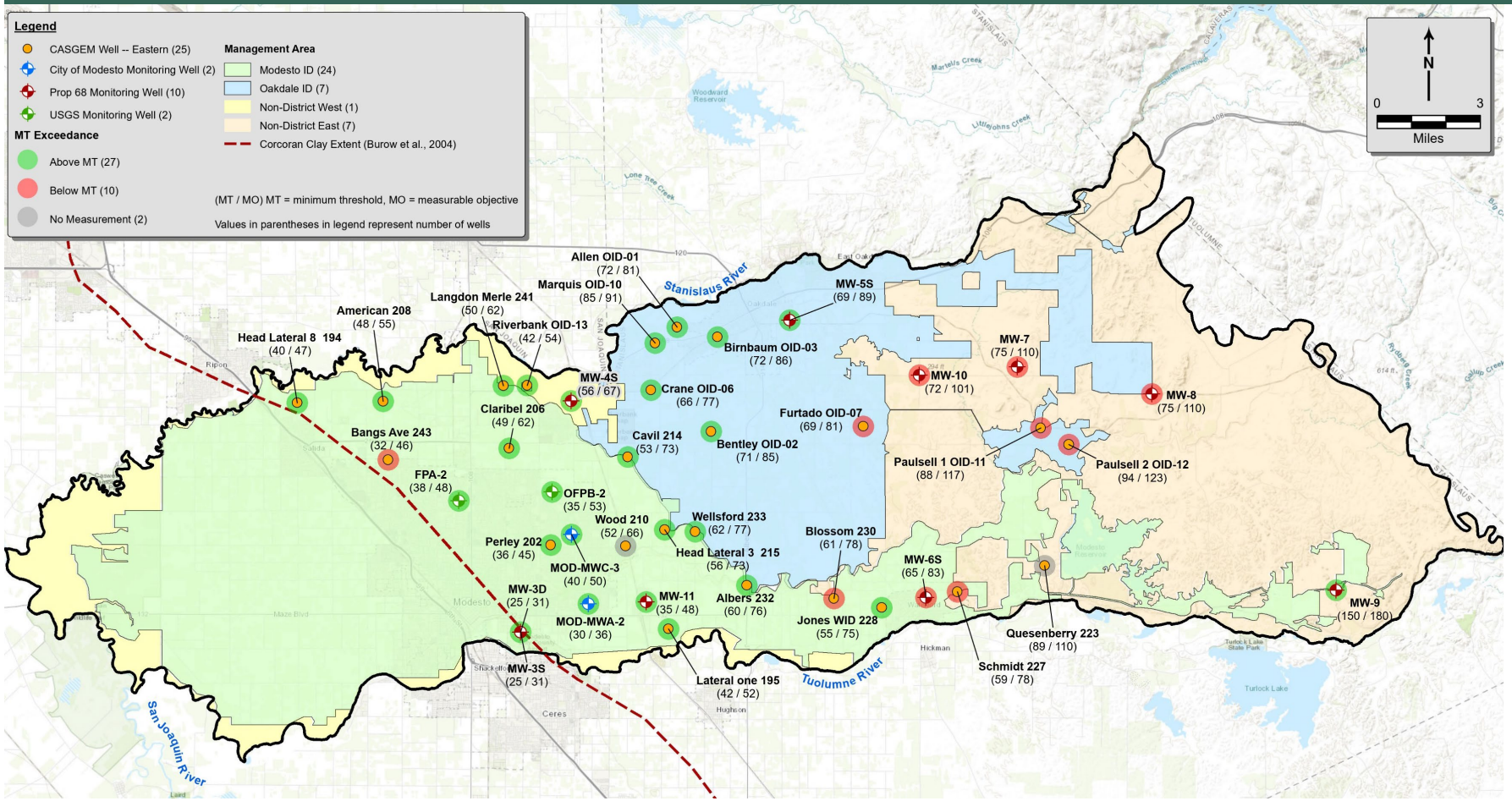
Hydrographs
Western Lower Principal Aquifer



- Since 2024, water level is above the MT and continuing to rise
- Seasonal fluctuations less pronounced during last two years

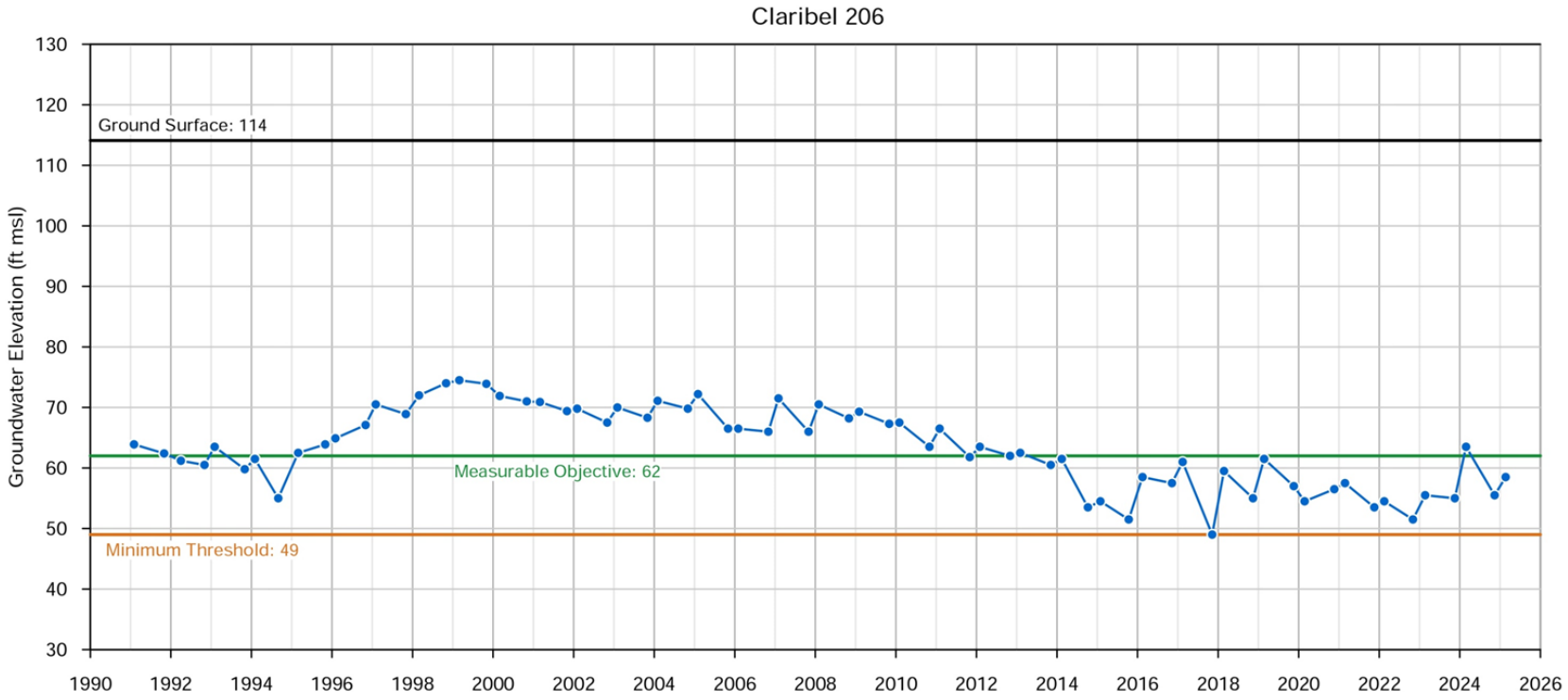


Spring 2025
Eastern Principal Aquifer

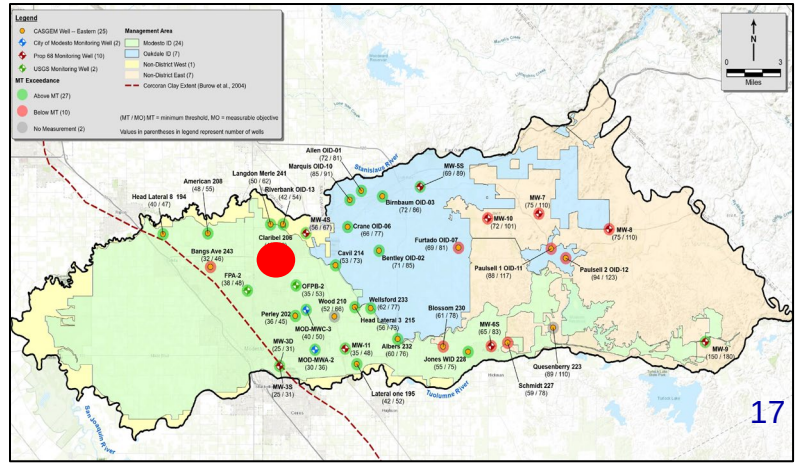


- 27% of RMWs below MT
  - 27 wells > MT
  - 10 wells < MT
  - 2 wells not measured
- 14 RMWs have IMs (13 above and 1 NM)
- Spring 2024: 7 wells (19%) were below MT

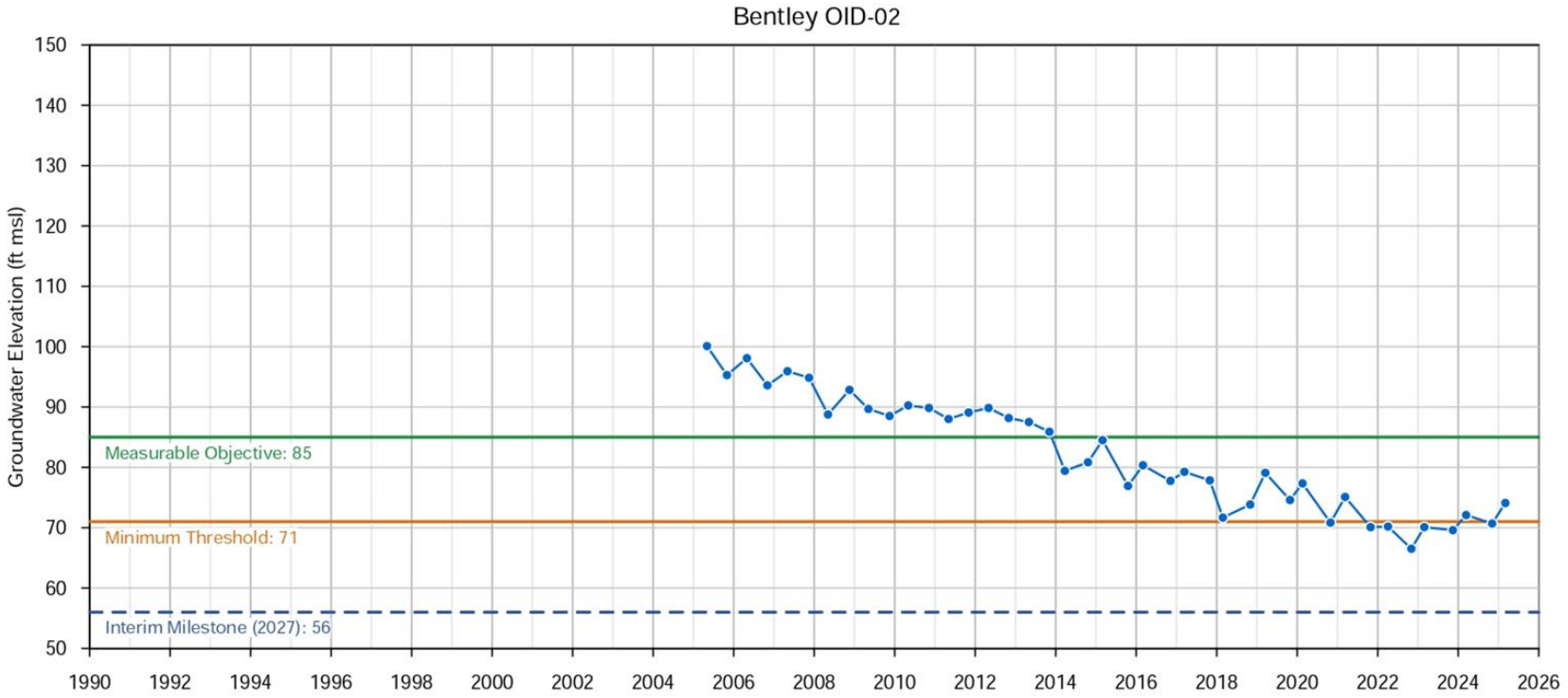
Hydrographs
Eastern Principal Aquifer



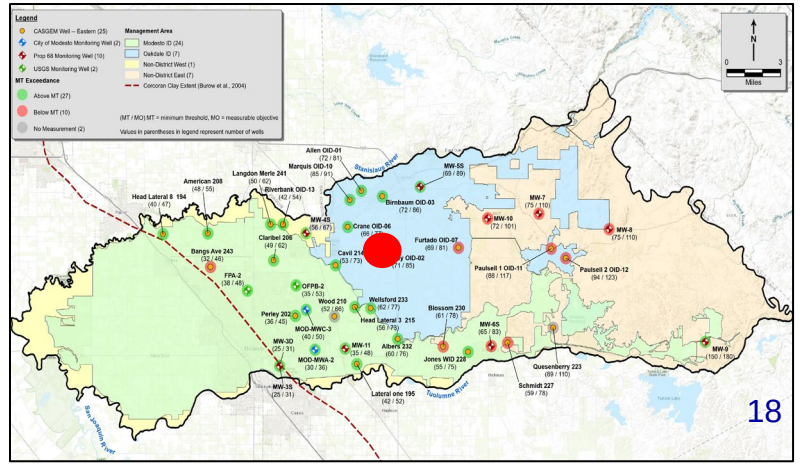
- Water levels are above the MT
- Seasonal fluctuations, but relatively stable since Fall 2014



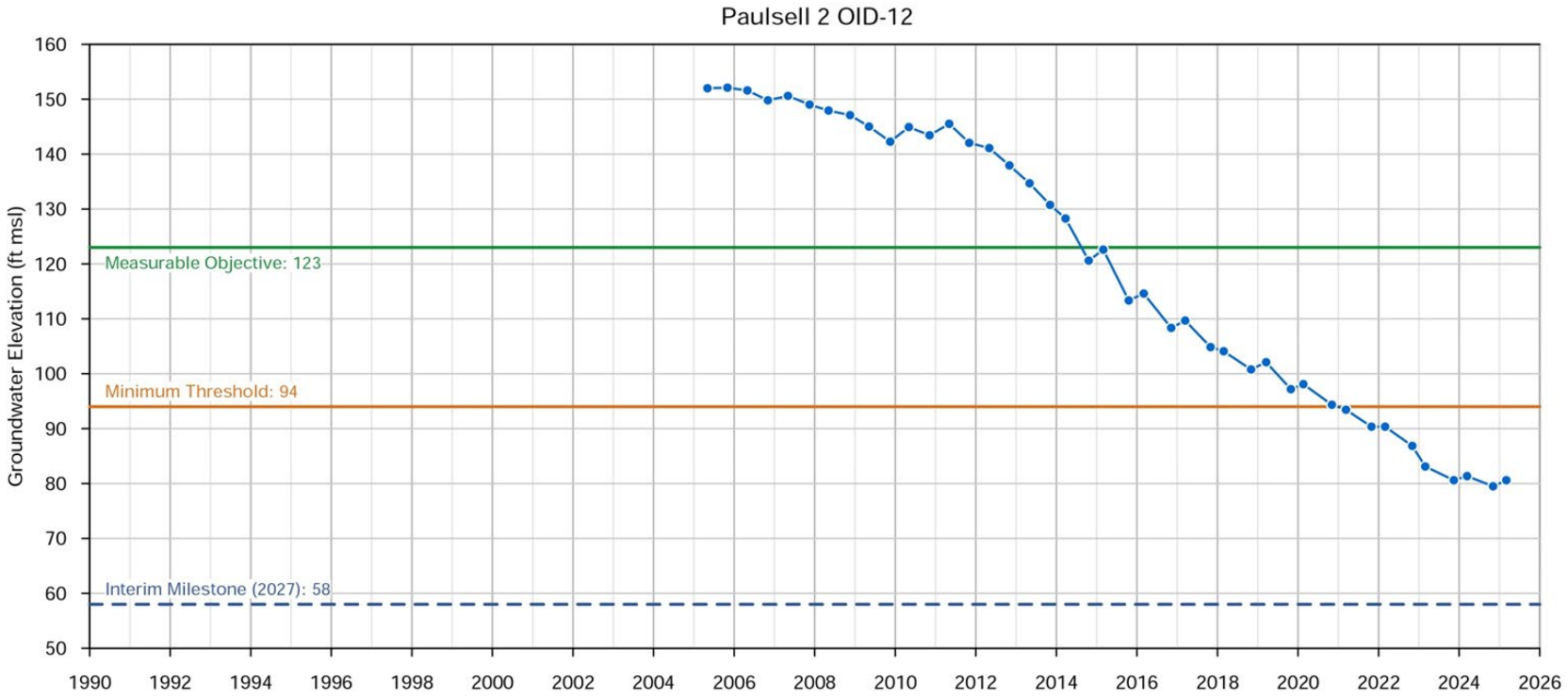
Hydrographs
Eastern Principal Aquifer



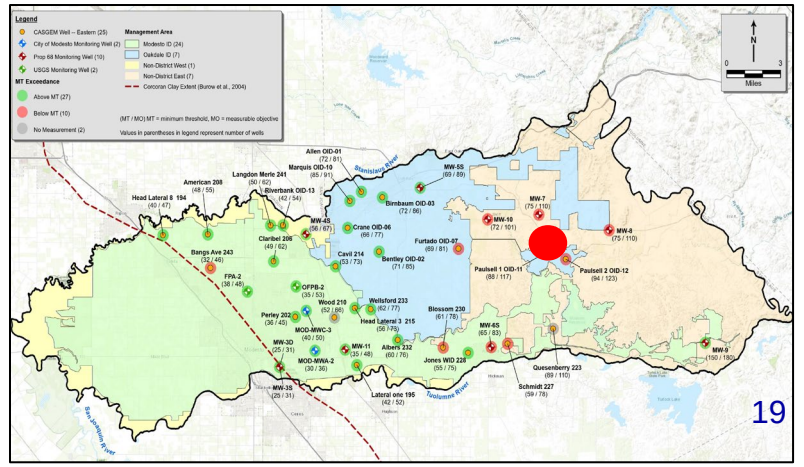
- Water level in Spring 2025 is above the MT.
- Overall declining trend, but relatively stable and rising over the last two years.



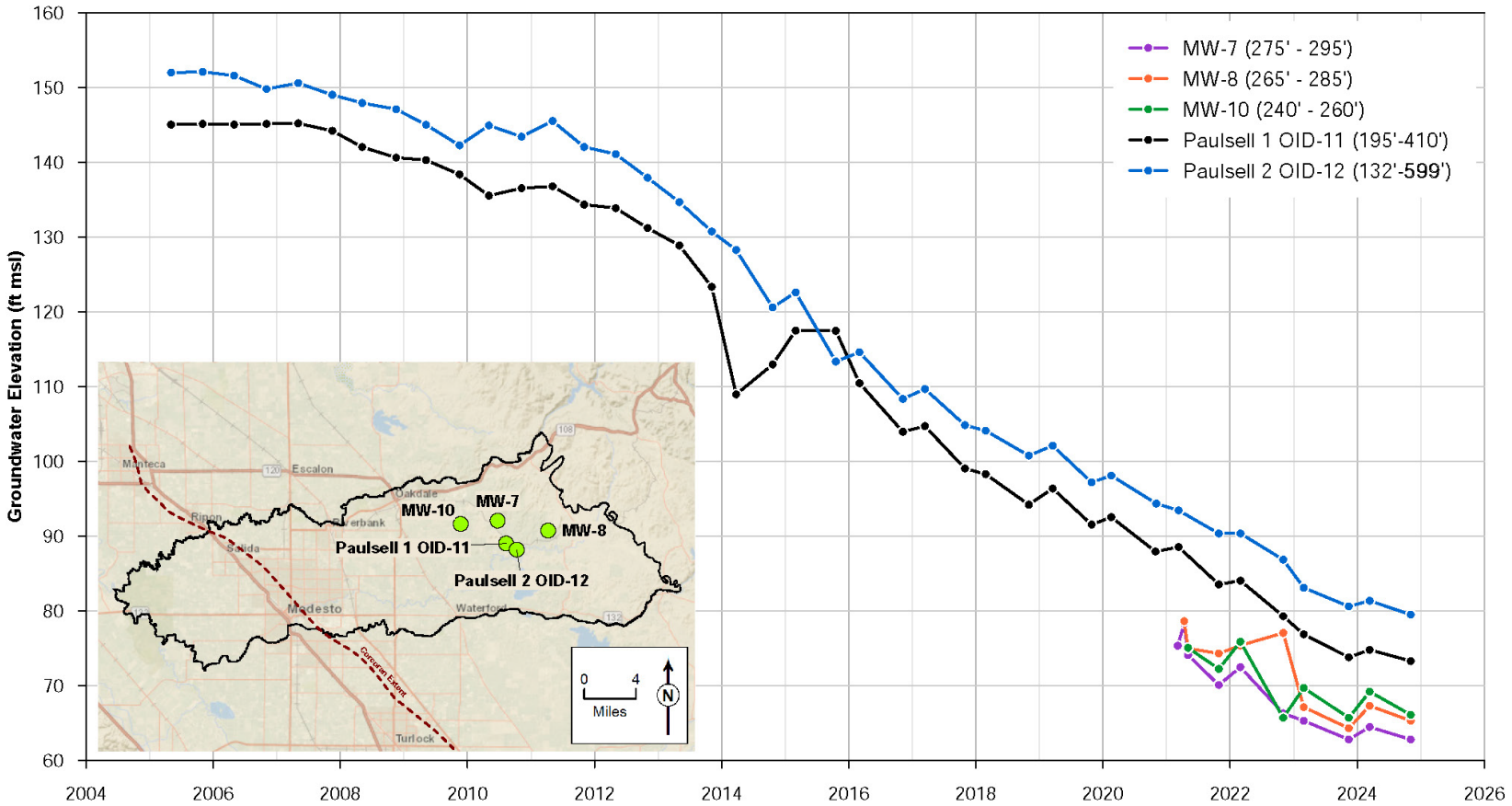
Hydrographs
Eastern Principal Aquifer



- Water level is below the MT in Spring 2025
- Eastern wells have highest rates of water level declines
- Are water level declines beginning to stabilize?



Hydrographs
Eastern Principal Aquifer



- Spring 2021 to Spring 2025: water levels declined between 10 and 13.5 feet at Paulsell wells, MW-7, and MW-8.
- MW-10, westernmost monitoring well shown, has decline of 5.4 feet during this four-year period.
- Water level trends at Paulsell wells and monitoring wells are consistent.
- More variability in monitoring wells due to shorter screened intervals.

TODD GROUNDWATER

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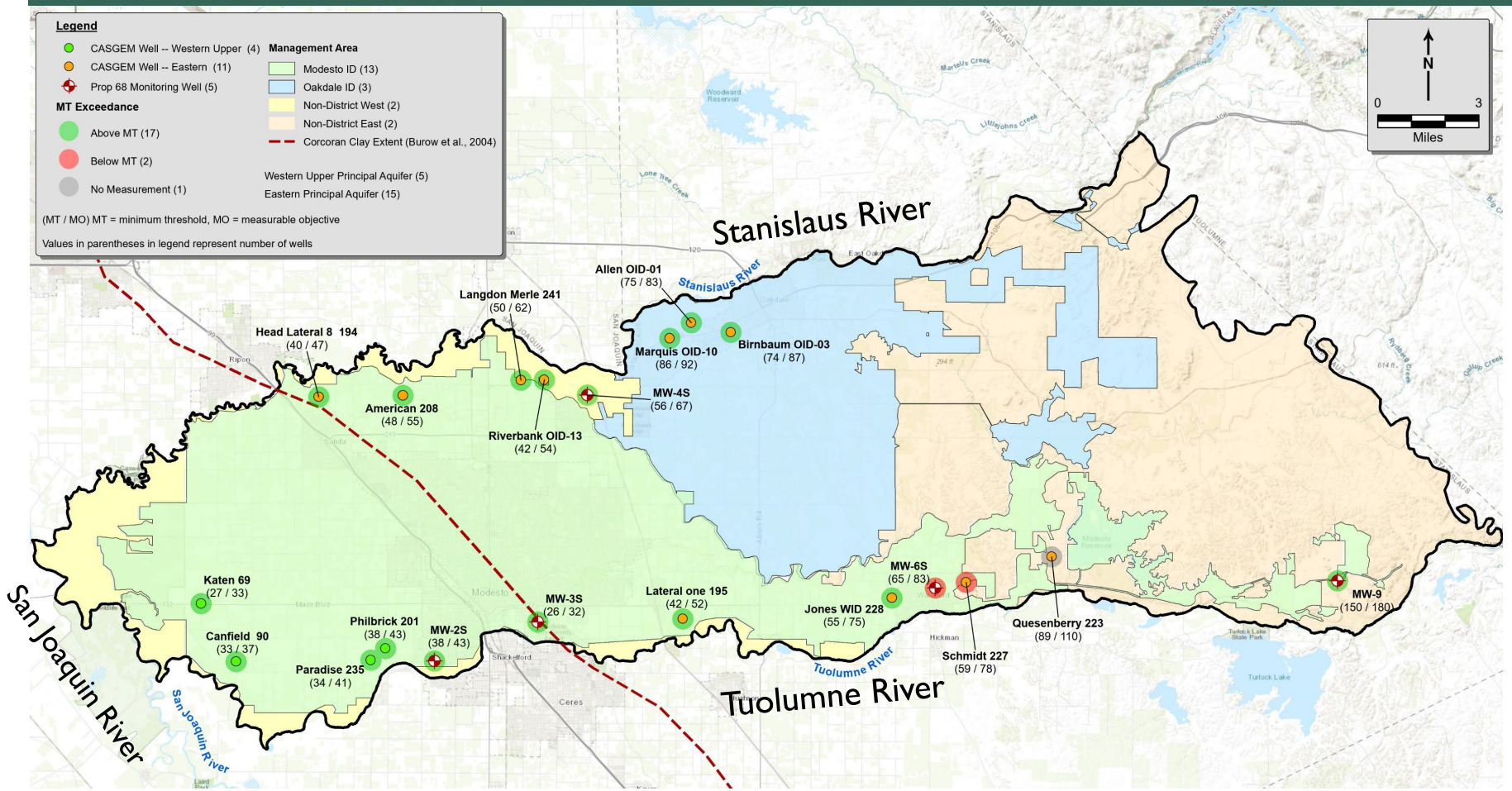
Spring 2025 Interconnected Surface Water



San Joaquin River

- 0 of 2 below MT (0% below MT)

Stanislaus River

- 0 of 8 below MT (0% below MT)

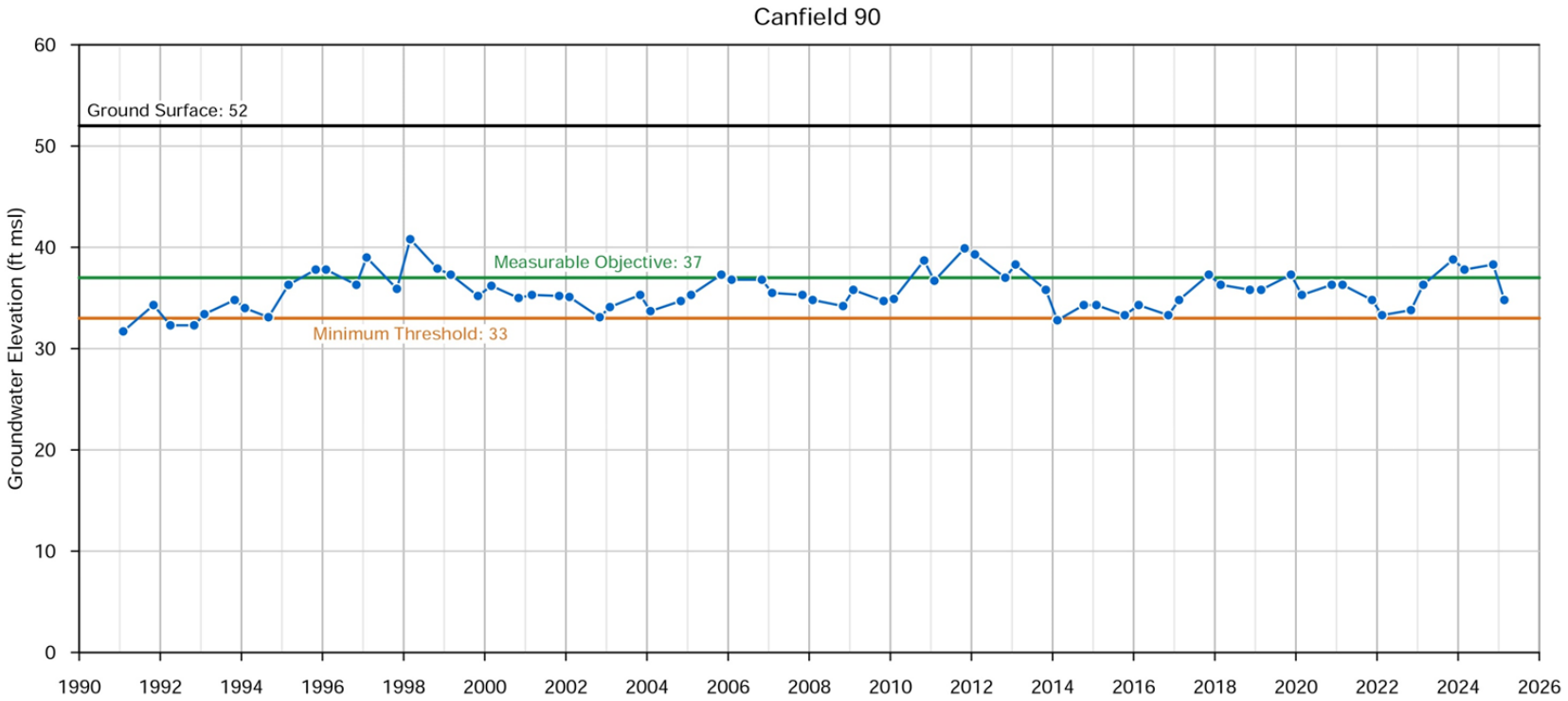
Tuolumne River

- 2 of 8 below MT, 1 NM (22% below MT)

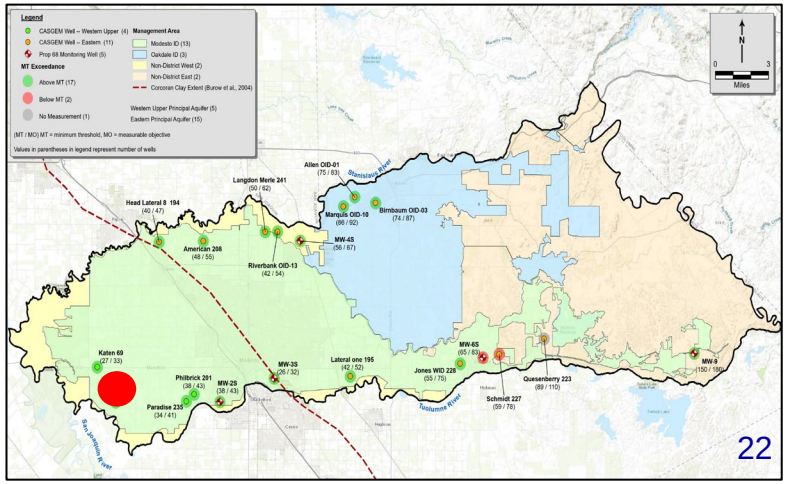
TODD GROUNDWATER

DRAFT

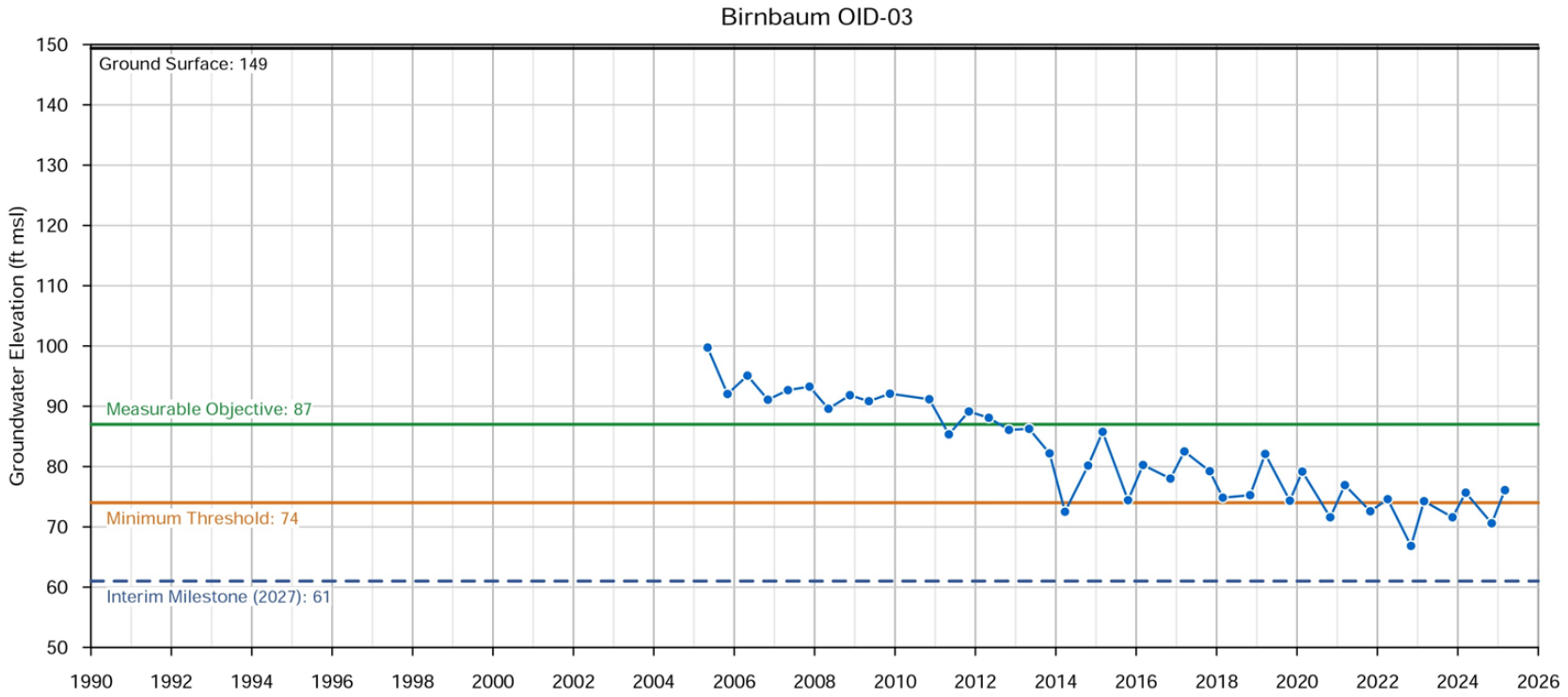
Hydrographs
Interconnected Surface Water



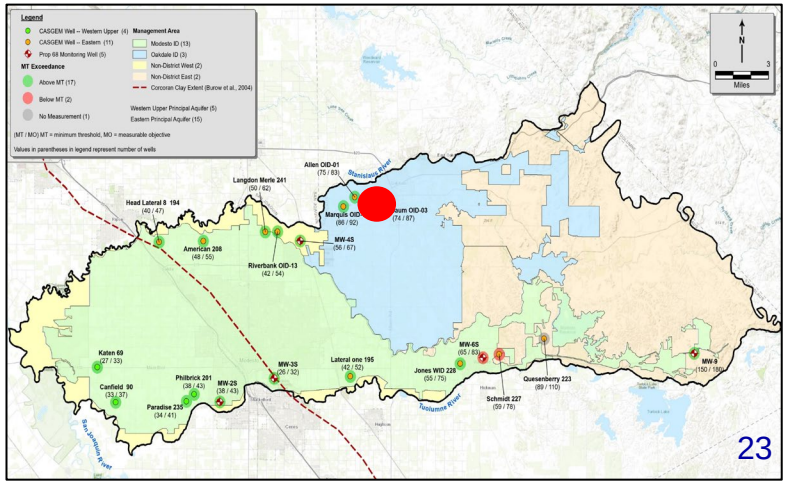
- Water level decreased from Fall 2024 to Spring 2025, but still above MT
- Water level is between the MT and the MO



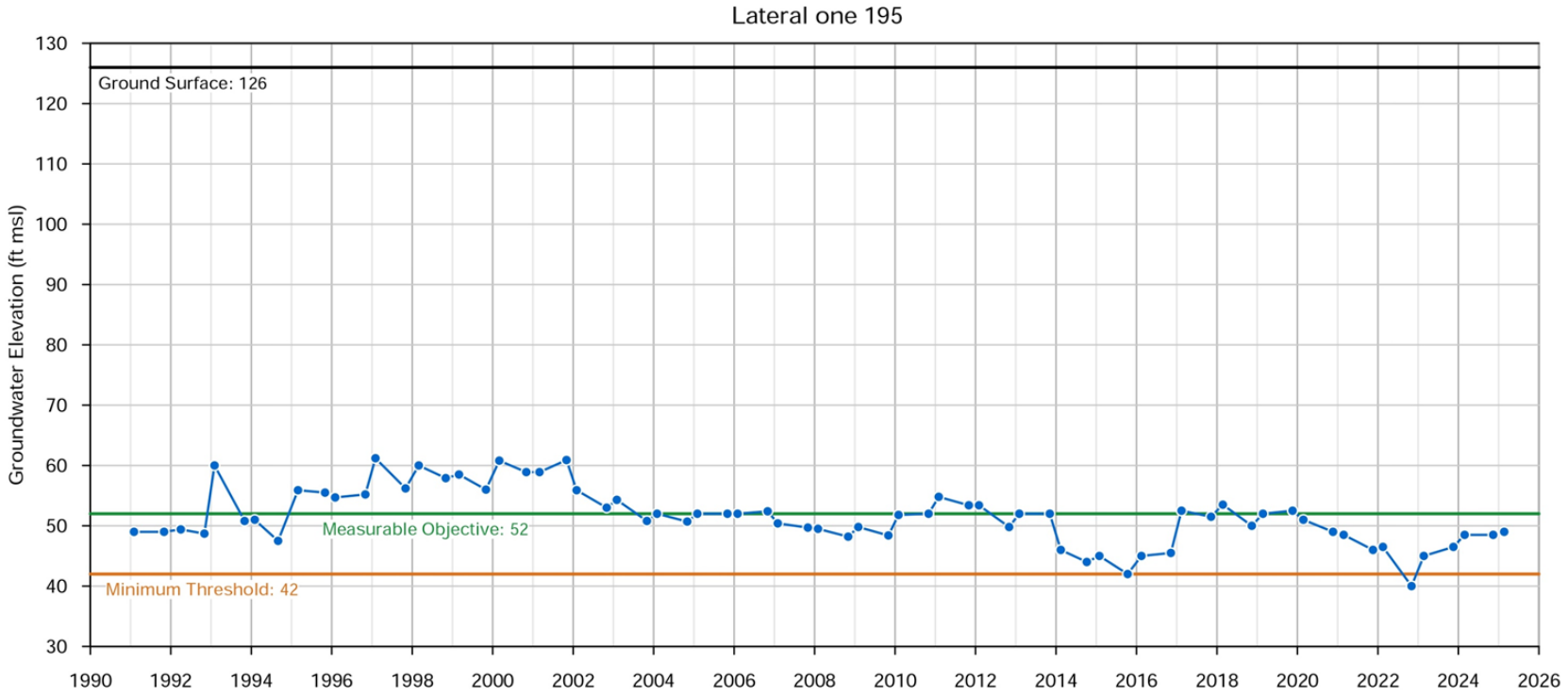
Hydrographs
Interconnected Surface Water



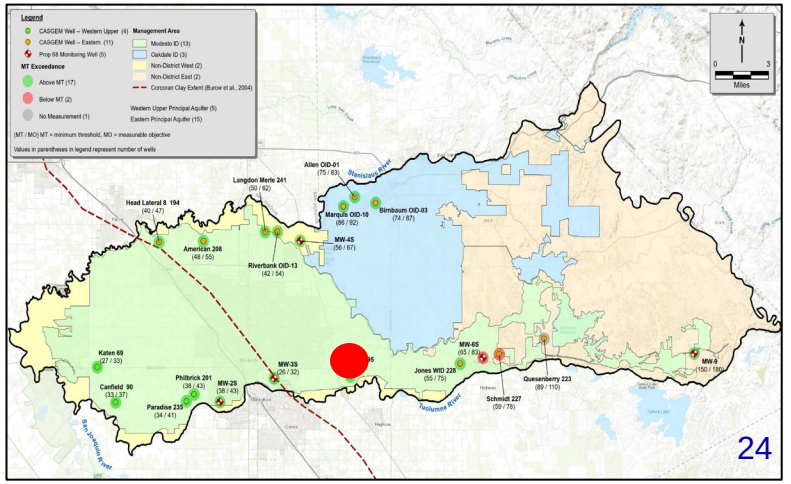
- Water level is slightly above the MT
- Seasonal fluctuations over the last two years are similar



Hydrographs
Interconnected Surface Water



- Water level is above the MT
- Stable water levels since Fall 2023



Summary of Spring 2025 Monitoring Event

- Spring 2025 monitoring event showed relatively stable groundwater levels throughout most of the Subbasin after two consecutive wet years. (WY 2024 = Above Normal, WY 2023 = Wet)
- DWR's 'California Hydrology Update' July 2025 early projections for WY 2025 indicate a return to drier conditions.
- No wells are below IMs.
- Are groundwater level declines in easternmost Subbasin beginning to stabilize?

TODD GROUNDWATER

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A Broader Perspective

- Long-term groundwater level declines have occurred in the Non-District East Management Area and have expanded into the Oakdale Irrigation District Management Area.
- 2027 Interim Milestones below the Minimum Threshold were developed for monitoring network wells within these two management areas
- Groundwater levels in the eastern Subbasin, particularly in the Non-District East Management Area, have continued to decline but might be stabilizing.
- The STRGBA GSA committed to developing management actions by January 31, 2026, and implementing these management actions by January 31, 2027, to arrest groundwater level declines.

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QUESTIONS?