



YSGA BOARD OF DIRECTORS MEETING

June 21, 2021

Agenda

- Consideration: Consent Items
- Consideration: FY 2020-2021 & 2021-2022 Budgets and Administrative and Technical Support Services Agreements
- Update on Water Legislation, Regulatory, and Delta Issues (Gary Link, NCWA)
- Water Conditions Update
 - Matt Cohen, City of Woodland
 - Roger Cornwell, RD 787 (RGF)
 - Bill Vanderwaal, Dunnigan Water District
 - Kristin Sicke, YCFC&WCD
 - Leo Refsland, Madison/Knights Landing/Cacheville CSDs
 - Charlie Schaupp, Esparto CSD
- Report of the Chair and Executive Officer
- Presentation: Areas of Special Concern
- Update on Groundwater Sustainability Plan Development
- Members' Reports and Future Agenda Items

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Consideration: Consent Items

- Approve March 15, 2021 Board of Directors' Meeting Minutes
- Receive Fiscal Year 2020-2021 Financial Statements: April-May, 2021
- Receive minutes of Executive Committee: 2/10, 4/13, and 5/11/21

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Consideration: FY 2020-2021 & 2021-2022 Budgets and Admin/Tech Support Agreements

- **Adopt Fiscal Year 2020-2021 Budget Amendment #4**
- Approve Amendment to Administrative and Technical Support Services Agreement with YCFC&WCD
- Adopt Fiscal Year 2021-2022 Operating Budget
- Approve Renewal of Administrative and Technical Support Services Agreement with YCFC&WCD for 2021-2023

Yolo Subbasin Groundwater Agency
 July 1, 2019 to June 30, 2021
 Annual Budget for Fiscal Years 2019-20 and 2020-21
 FY2020-21 Amendment #4 Proposed on 6/21/21

	FY 2020-2021 Adopted Amend #2 6/15/20	FY 2020-2021 Adopted Amend #3 1/11/21	FY 2020-2021 Proposed Amend #4 6/21/21
	FY2020-2021	FY2020-2021	FY2020-2021
Revenue			
City of Davis	40,000	40,000	40,000
City of West Sacramento	40,000	40,000	40,000
City of Woodland	40,000	40,000	40,000
City of Winters	20,000	20,000	20,000
Yocha Dehe Wintun Nation	10,000	10,000	10,000
Esparto Community Services District	5,000	5,000	5,000
Madison Community Services District	5,000	5,000	5,000
Subtotal Municipal Agencies Revenue	\$160,000	\$160,000	\$160,000
Yolo County Flood Control & WCD (200,000 acres)	100,000	100,000	100,000
Yolo County (White Areas) (160,000 acres)	40,000	40,000	40,000
Direct Contributions (White Areas) (40,000 acres)	20,000	20,000	20,000
Other Contributions from Rural Agencies ¹	40,000	40,000	40,000
Dunnigan Water District (10,700 acres)	5,350	5,350	5,350
Reclamation District 108 (23,200 acres)	11,600	11,600	11,600
Reclamation District 150 (4,293 acres)	2,147	2,147	2,147
Reclamation District 307 (5,941 acres)	2,971	2,971	2,971
Reclamation District 537 (6,077 acres) ⁵	3,039	3,039	3,039
Reclamation District 730 (4,498 acres)	2,249	2,249	2,249
Reclamation District 765 (1,400 acres)	700	700	700
Reclamation District 785 (3,200 acres) ⁵	0	0	0
Reclamation District 787 (9,400 acres)	4,700	4,700	4,700
Reclamation District 827 (1,225 acres) ⁵	0	0	0
Reclamation District 999 (25,250 acres)	12,625	12,625	12,625
Reclamation District 1600 (6,924 acres)	3,462	3,462	3,462
Reclamation District 2035 (18,000 acres)	9,000	9,000	9,000
Subtotal Rural Agencies Revenue	\$257,842	\$257,842	\$257,842
University of California, Davis	40,000	40,000	40,000
Colusa Drain Mutual Water Company	10,000	10,000	10,000
California American Water Company - Dunnigan	5,000	5,000	5,000
Yolo County Farm Bureau (private pumpers)	10,000	10,000	10,000
Environmental Party Representative (Ann Brice)	0	0	0
Subtotal Affiliated Parties Revenue	\$65,000	\$65,000	\$65,000
Interest Income	5,000	5,000	5,000
Subtotal Other Revenue	\$5,000	\$5,000	\$5,000
Retained earnings (QuickBooks)		\$743,404	\$882,462
TOTAL REVENUE	\$487,842	\$1,231,246	\$1,370,304

Yolo Subbasin Groundwater Agency
July 1, 2019 to June 30, 2021
Annual Budget for Fiscal Years 2019-20 and 2020-21
FY2020-21 Amendment #4 Proposed on 6/21/21

38 EXPENDITURES	FY2020-2021	FY2020-2021	FY2020-2021
39 Bank & Other Fees	500	500	500
40 Insurance - General & Auto	2,000	2,000	2,000
41 Membership Dues	3,000	3,000	3,000
42 Administrative Services/Expenses (WRA) ³	121,500	85,000	85,000
43 Project Management, SGMA Implementation (YCFCWCD) ⁶	110,000	210,000	245,000
44 Consultant Services	20,000	20,000	20,000
45 GSP-Related Consultant costs ⁷	0	150,000	150,000
46 Legal Services	20,000	20,000	20,000
47 Audit Service - Financial ⁴	7,050	7,050	7,050
48 Real-time Groundwater Monitoring Sensors (x6) ⁸	80,000	0	0
49 Yolo County Groundwater Monitoring Program (administrator-YCFCWCD) ²	42,064	42,064	42,064
TOTAL EXPENDITURES	\$406,114	\$539,614	\$574,614
Net Income (Estimated)	\$81,728	\$691,632	\$795,690

→ \$90,000

- 53 1 - RD 108, RD 787, RD 2035, and YCFC&WCD (\$10,000 each)
- 54 2 - The historical cost of the Program was \$89,000 with the YCFC&WCD providing \$46,936/year in cost share. For the first two years of the YSGA, the YCFC&WCD continued to provide \$46,936/year in cost share towards the Program. Program was historically funded by WRA Member Agencies from July 2009 to June 2017.
- 55 3 - WRA Budget changes for FY20-21: Deducted \$6,000 for 2-year audit expense. Audit completed in FY19-20.
- 56 4 - Quoted fees per auditor's agreement: FY17-18 \$8,900; FY18-19 \$7,000; FY19-20 \$7,050
- 57 5 - Consolidation of RD 785 and RD 827 into RD 537's jurisdiction effective July 1, 2020. Proposed total new acreage for RD537 is 6,077 pending verification for final membership dues.
- 58 6 - YCFC&WCD Project Management, SGMA Implementation amendment #3 changes include consultant reimbursement charges of approximately \$100,000 for July-December 2020 (an additional amendment may be needed before 6/30/21 to amend the administrative expenses from resuming Donna's duties).
- 59 7 - This line item was added to cover GSP-related consultant costs that will be billed directly to the YSGA.
- 60 8 - The real-time groundwater monitoring sensors have been paid for by the Proposition 1 GSP Grant from DWR.

Budget Amendment #4 (FY 20/21)

- Budget Amendment #3: \$110k → \$210k
 - YCFC&WCD Reimbursement of GSP Contract Expenses (outside of Prop. 1 Grant budget)
 - Increase in YCFC&WCD staff time because of WRA transition
 - YCFC&WCD Contract = \$110k
 - WRA Contract = \$120k (\$21.5k for IRWMP) was only \$85k for FY 20/21
- Budget Amendment #4: \$210k → \$245k
 - Estimated YCFC&WCD Staff = \$145,000
 - Consultant Staff = \$95,000
 - Materials = \$5,000

Consideration: FY 2020-2021 & 2021-2022 Budgets and Admin/Tech Support Agreements

- Adopt Fiscal Year 2020-2021 Budget Amendment #4
- **Approve Amendment to Administrative and Technical Support Services Agreement with YCFC&WCD**
- Adopt Fiscal Year 2021-2022 Operating Budget
- Approve Renewal of Administrative and Technical Support Services Agreement with YCFC&WCD for 2021-2023

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Yolo Subbasin Groundwater Agency
July 1, 2021 to June 30, 2022
Proposed Annual Fiscal Year Budget for Fiscal Years 2021-22 and 2022-23
for Board Adoption on 6/21/21

	FY 2020-2021 Adopted Amend #4 6/21/21	FY 2021-2022 Proposed 6/21/21
1 Revenue	FY2020-2021	FY2021-2022
2 City of Davis	40,000	40,000
3 City of West Sacramento	40,000	40,000
4 City of Woodland	40,000	40,000
5 City of Winters	20,000	20,000
6 Yocha Dehe Wintun Nation	10,000	10,000
7 Esparto Community Services District	5,000	5,000
8 Madison Community Services District	5,000	5,000
9 Subtotal Municipal Agencies Revenue	\$160,000	\$160,000
10 Yolo County Flood Control & WCD (200,000 acres)	100,000	100,000
11 Yolo County (White Areas) (160,000 acres)	40,000	40,000
12 Direct Contributions (White Areas) (40,000 acres)	20,000	20,000
13 Other Contributions from Rural Agencies ¹	40,000	40,000
14 Dunnigan Water District (10,700 acres)	5,350	5,350
15 Reclamation District 108 (23,200 acres)	11,600	11,600
16 Reclamation District 150 (4,293 acres)	2,147	2,147
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18 Reclamation District 537 (6,077 acres)	3,039	3,039
19 Reclamation District 730 (4,498 acres)	2,249	2,249
20 Reclamation District 765 (1,400 acres)	700	700
22 Reclamation District 787 (9,400 acres)	4,700	4,700
24 Reclamation District 999 (25,250 acres)	12,625	12,625
25 Reclamation District 1600 (6,924 acres)	3,462	3,462
26 Reclamation District 2035 (18,000 acres)	9,000	9,000
27 Subtotal Rural Agencies Revenue	\$257,842	\$257,842
28 University of California, Davis	40,000	40,000
29 Colusa Drain Mutual Water Company	10,000	10,000
30 California American Water Company - Dunnigan	5,000	5,000
31 Yolo County Farm Bureau (private pumpers)	10,000	10,000
32 Environmental Party Representative (Ann Brice)	0	0
33 Subtotal Affiliated Parties Revenue	\$65,000	\$65,000
34 Interest Income	5,000	5,000
35 Subtotal Other Revenue	\$5,000	\$5,000
36 Retained earnings (QuickBooks) ²	\$882,462	\$795,690
37 TOTAL REVENUE	\$1,370,304	\$1,283,532

Yolo Subbasin Groundwater Agency
July 1, 2021 to June 30, 2022
Proposed Annual Fiscal Year Budget for Fiscal Years 2021-22 and 2022-23
for Board Adoption on 6/21/21

38 EXPENDITURES	FY2020-2021	FY2021-2022
39 Bank & Other Fees	500	500
40 Insurance - General & Auto	2,000	2,000
41 Membership Dues	3,000	3,000
42 Administrative Services/Expenses (WRA) ³	85,000	0
43 Project Management, SGMA Implementation (YCFCWCD) ⁵	245,000	250,000
44 Consultant Services	20,000	20,000
45 GSP-Related Consultant costs ⁶	150,000	60,000
46 Legal Services	20,000	20,000
47 Audit Service - Financial ⁴	7,050	8,500
48 Real-time Groundwater Monitoring Sensors (x6)	0	40,000
49 Yolo County Groundwater Monitoring Program (administrator-YCFCWCD) ²	42,064	42,064
50 TOTAL EXPENDITURES	\$574,614	\$446,064
51		
52 Net Income (Estimated)	\$795,690	\$837,468

53 1 - RD 108, RD 787, RD 2035, and YCFC&WCD (\$10,000 each)

54 2 - Retained earnings for 6/21/21 in first column; second column is estimated net income.

55 3 - The historical cost of the Program was \$89,000 with the YCFC&WCD providing \$46,936/year in cost share. For the first two years of the YSGA, the YCFC&WCD continued to provide \$46,936/year in cost share towards the Program. Program was historically funded by WRA Member Agencies from July 2009 to June 2017.

56 4 - WRA Budget changes for FY21-22: No longer WRA Admin and IRWM expenses will be paid by WRA reserves.

57 5 - Estimated fees from previous auditor's fee schedule.

58 6 - YCFC&WCD Project Management, SGMA Implementation - Technical and Administrative Services.

59 7 - This line item was added in FY2020-21 Budget to cover GSP-related consultant costs that billed directly to the YSGA. The funds were expected to be billed through June 2021; however, they will now be billed through September 2021.

Consideration: FY 2020-2021 & 2021-2022 Budgets and Admin/Tech Support Agreements

- Adopt Fiscal Year 2020-2021 Budget Amendment #4
- Approve Amendment to Administrative and Technical Support Services Agreement with YCFC&WCD
- Adopt Fiscal Year 2021-2022 Operating Budget
- **Approve Renewal of Administrative and Technical Support Services Agreement with YCFC&WCD for 2021-2023**

Exhibit B

Services to be provided by District staff under the terms of this Agreement include:

- a. Communicate with the YSGA board of directors on all matters within the purpose and authority of YSGA;
- b. Oversee and engage in outreach and communication for activities and programs undertaken by YSGA;
- c. Provide oversight for the development and implementation of a Groundwater Sustainability Plan in accordance with SGMA;
- d. Manage and administer grants including, without limitation, preparation of grant proposals and administration of grants;
- e. Manage the groundwater monitoring network for the Subbasin;
- f. Direct and oversee staff of the Water Resources Association of Yolo County (WRA) for the provision of administrative services to YSGA;
- g. Oversee and develop YSGA Board agenda reports;
- h. Determine website content;
- i. Interface with management and staff of the California Department of Water Resources;
- j. Facilitate the management of "white areas;"
- k. Perform other non-specified, technical work; and
- l. Other duties as needed.

Management

- a. Meet with the YSGA Executive Officer and Executive Committee to review financials
- b. Coordinate with Treasurer regarding financial statements
- c. Manage and administer operating budget
- d. Maintain general liability insurance
- e. Manage contractual agreements with affiliated parties and project consultants
- f. Maintain manual of YSGA operations, procedures, and policies (as they are established)
- g. Provide cost-conscious management of YSGA expenses
- h. Arrange speakers, presentations, and special meetings as requested by the Executive Officer and Board officers
- i. Establish and maintain cooperative, effective work relationships with Board members and affiliated parties
- j. Interface with community groups and the general public

Board Secretary

- a. Prepare and post agenda materials for the YSGA Board meetings and subcommittees
- b. Transcribe and proofread YSGA Board and subcommittee meeting minutes for review by Executive Committee
- c. Create and maintain current mailing database and electronic listserv of membership and interested parties
- d. Maintain working knowledge of YSGA policies and operations in order to inform others when required
- e. Assist in coordinating public outreach activities for local planning efforts
- f. Prepare draft press releases on YSGA activities, events, and projects to submit to local media
- g. Monitor compliance with the Brown Act
- h. Maintain Board of Directors' filing of Form 700 (California Fair Political Practices Commission)
- i. Maintain regular filing of other state-related JPA forms

Administrative

- a. Establish and maintain well-organized records and filing system
- b. Arrange meeting room reservations for Board and subcommittees
- c. Compose general correspondence as requested by Executive Officer and/or Board officers
- d. Compile data and prepare reports as required for the operation of the YSGA
- e. Manage meeting and office supplies and expenses
- f. Interface with the general public and inquiries by telephone or e-mail

Computer Technology/Information Management

- a. Create and maintain computerized data files
- b. Perform regular data file back-up and maintain security of data files
- c. Develop and maintain YSGA website, coordinate with webmaster on site improvements
- d. Remain current on technological advances as appropriate

Renewal of Administrative and Technical Support Services Agreement 2021-2023

YCF&WCD Staff	Title	Estimated Annual % Time
Kristin Sicke	General Manager	25%
Max Stevenson	Assistant General Manager	25%
Sarah Leicht	Water Resources Technician	75%
Jack Cronin	Water Resources Technician	50%
Aaron Gurecki	Water Resources Technician	10%
Annual Total		\$250,000

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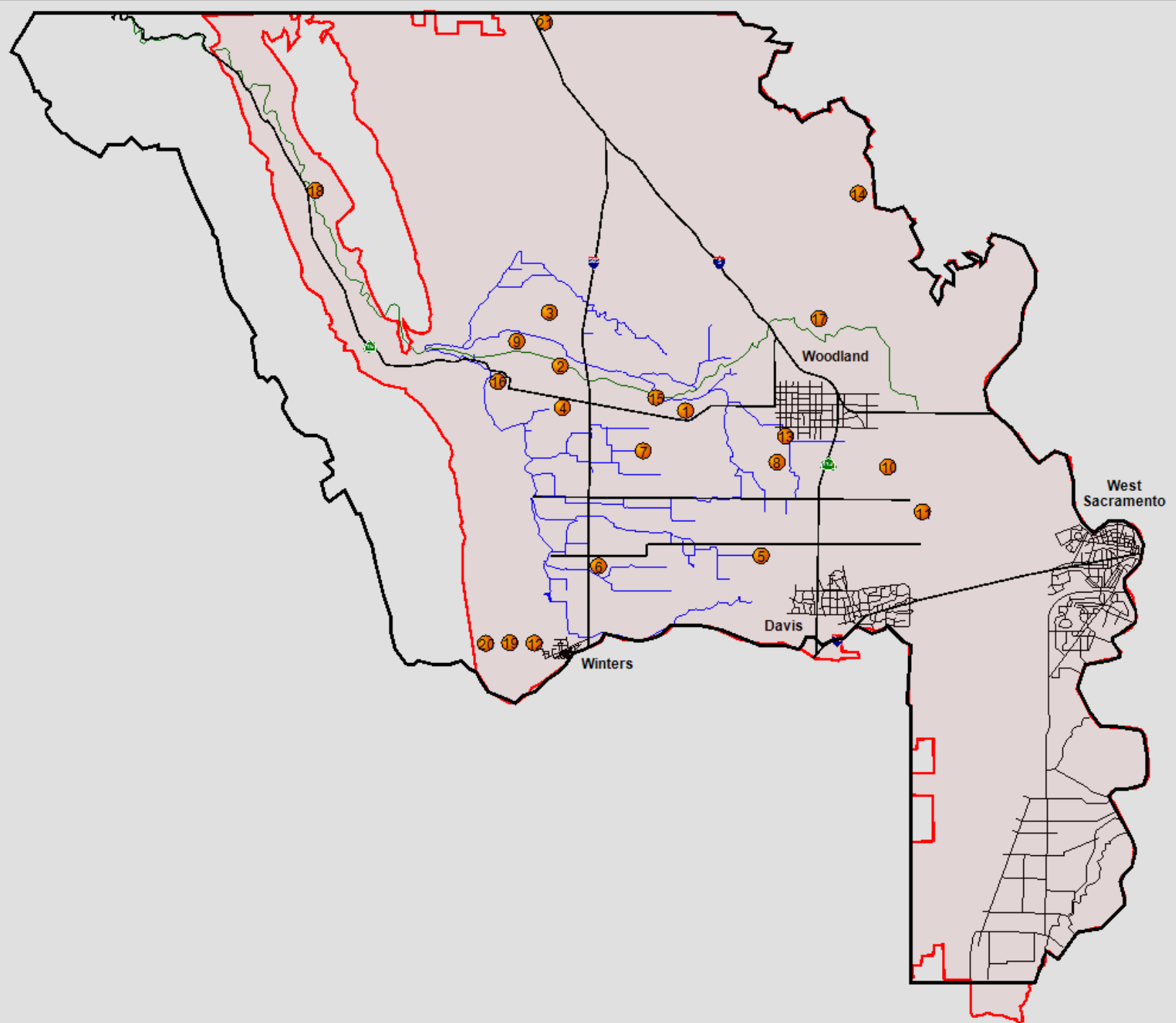
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Current Water Conditions (06-21-2021)

	Elevation	Available
Clear Lake		
• June 21	-0.02	0
• May 21	0.52	0
• Total Gain	-0.54	0
Indian Valley Reservoir		
• June 21	1,371.02	26,120
• May 21	1,393.24	49,212
• Total Gain	-22.22	-23,092
• Total Available Water:	26,120 AF (20,000 AF)	

Well Monitoring

Real-Time



SCADA Links

Comparison Trends

Comparison Table 1

Comparison Table 2

Legend

Monitoring Site



YSGA



County



Well Monitoring

Depth to Water Historical Comparison

(Daily Average DTW in feet)

SCADA Links

Well Map

Select Date

06/21/21

Comparison Trends

Comparison Table 2

Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	<u>Δ 2020 - 2021</u>	<u>Δ 2015 - 2021</u>
1.	87.9	82.7	90.4	97.1	116.4	119.4	111.1	99.4	99.3	99.7	102.8	131.8	-29.0	-12.4
2.	48.8	43.6	49.0	46.5	52.6	46.2	42.7	27.6	33.0	27.8	31.2	38.4	-7.2	7.8
3.		38.7	42.9	48.4	72.7	73.7	58.8	36.8	42.5	36.4	42.2	60.2	-18.0	13.5
4.		33.4	38.5	49.6	56.4	61.9	53.9	35.5	34.0	30.3	35.2	49.8	-14.6	12.1
5.		14.8	18.0	17.2	32.5	34.0	36.2	20.7	28.2	15.1	21.0	29.3	-8.3	4.7
6.			63.4	60.1	87.8	82.7	65.2	48.5	51.5	38.4	47.2	63.0	-15.8	19.7
7.					30.3	41.3	27.8	15.5	18.7	15.4	21.5	40.1	-18.6	1.2
8.					88.8	90.0	85.4	64.8	68.0	52.7	66.0	85.7	-19.7	4.3
9.					65.5	65.7	55.9	38.7	43.3	38.1	42.3	55.8	-13.5	9.9
10.						127.5	72.9	47.3	58.8	34.9	58.6	78.7	-20.1	48.8
11.						31.8	23.2	15.3	18.0	13.4	22.6	28.2	-5.6	3.7
12.									112.6	106.4	112.0	118.4	-6.4	
13.									112.7	81.9	104.2	140.9	-36.7	
14.										8.6	9.6	13.1	-3.5	
15s.									38.7	33.9	37.1	50.7	-13.6	
15d.									156.2	123.8	145.0	223.1	-78.1	
16.										29.9	42.4	45.0	-2.6	
17.										19.7	22.5	31.2	-8.8	
18.										43.2	65.5	86.6	-21.2	
19.											173.2	187.9	-14.7	
20.											199.1	199.2	-.1	
21.											124.9	134.3	-9.4	

Well Monitoring

Depth to Water Historical Comparison

(Daily Average DTW in feet)

SCADA Links

Well Map

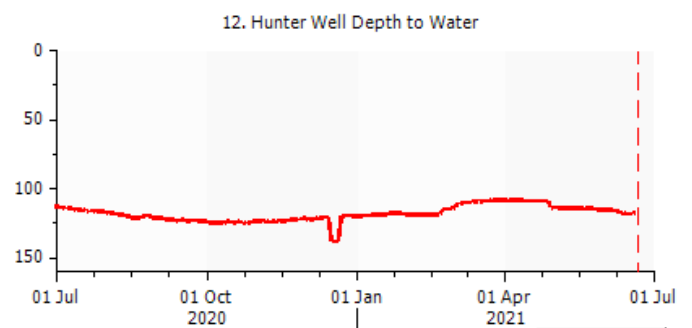
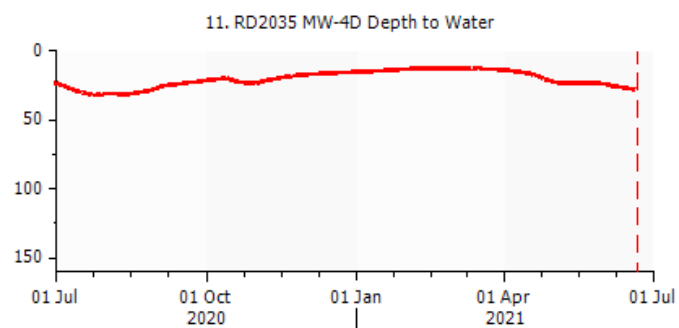
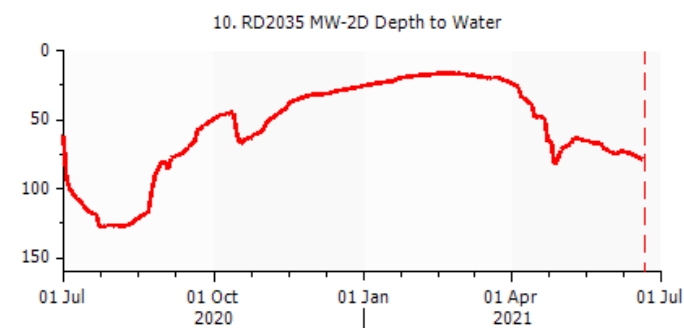
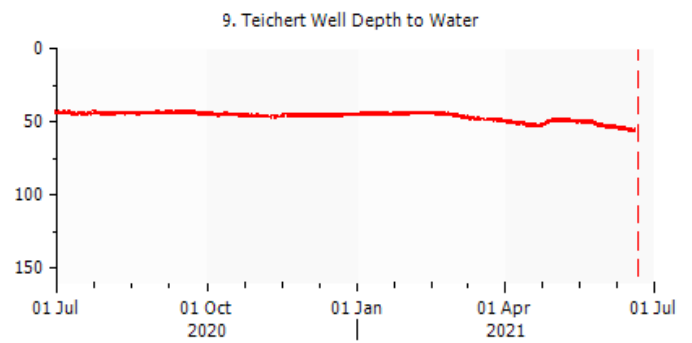
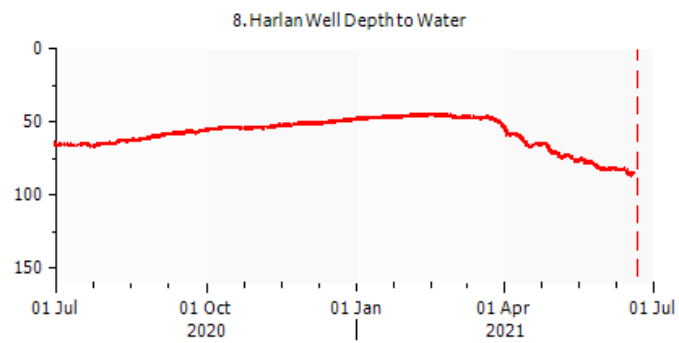
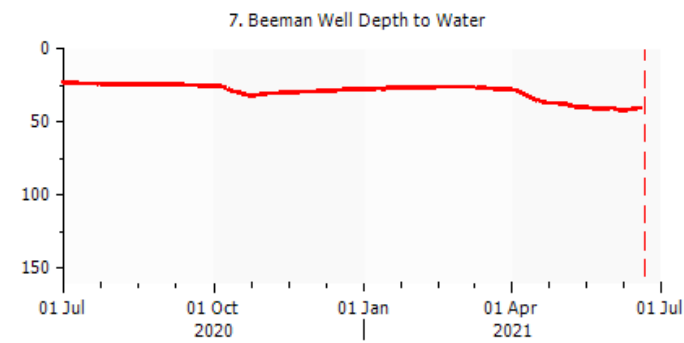
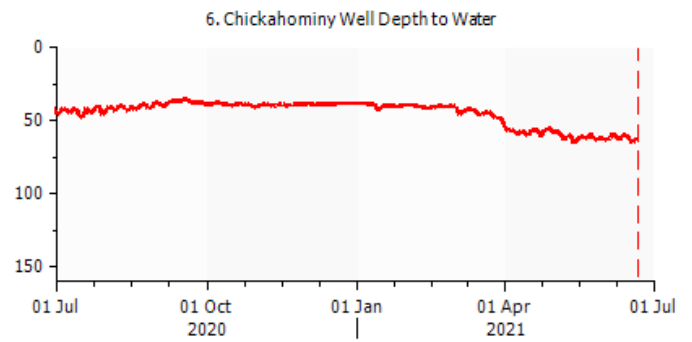
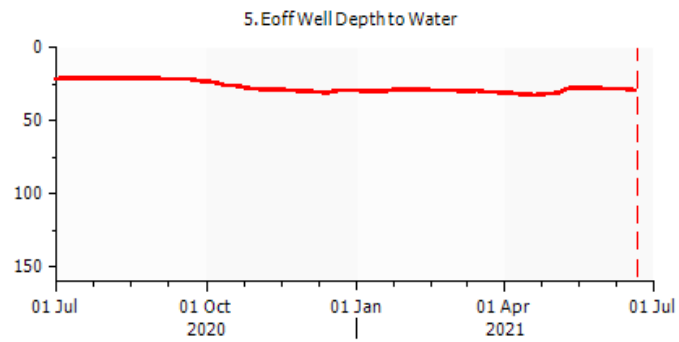
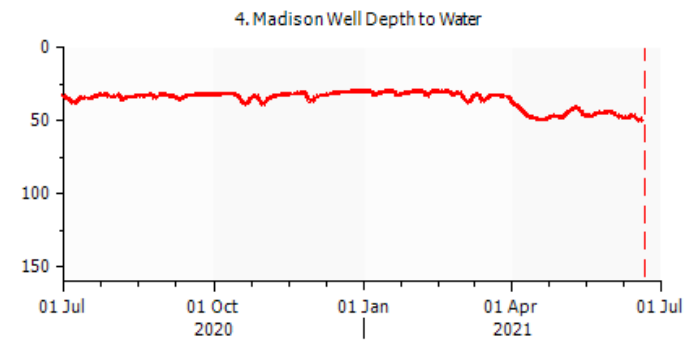
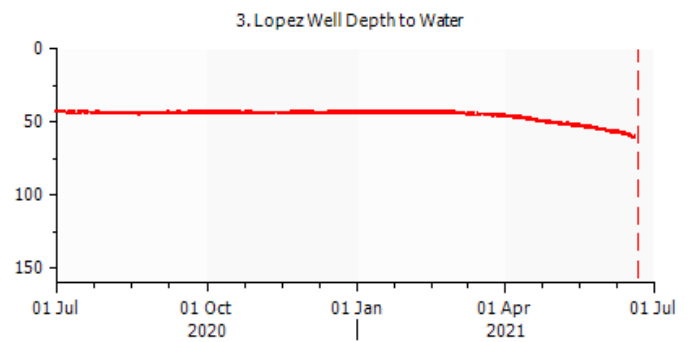
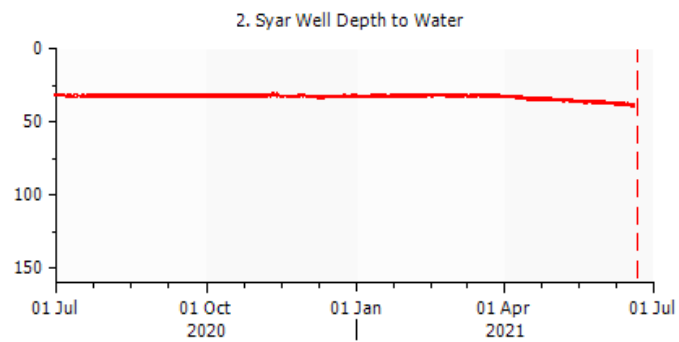
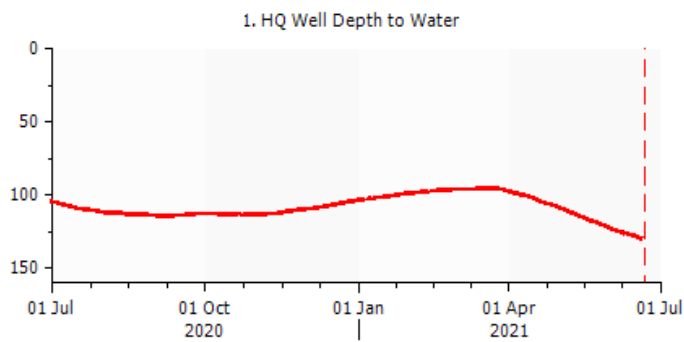
Select Date

06/21/21

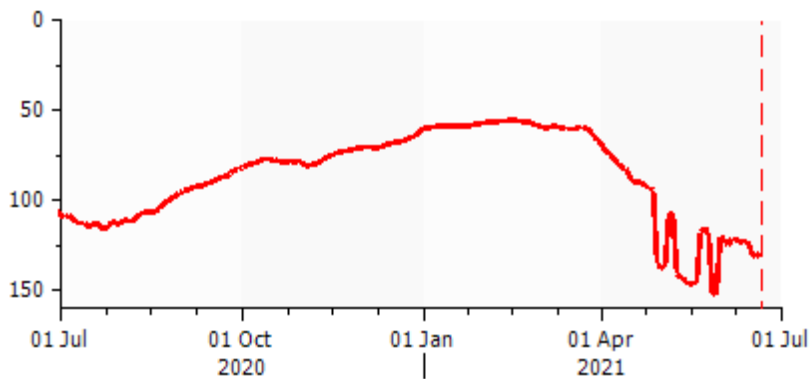
Comparison Trends

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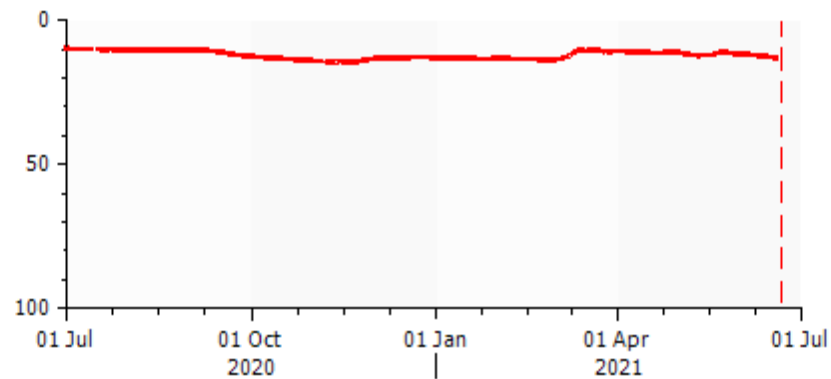
<u>Well</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>Δ 2020</u> <u>- 2021</u>	<u>Δ 2015</u> <u>- 2021</u>	<u>Δ RLP</u> <u>- 2021</u>
1.	87.9	82.7	90.4	97.1	116.4	119.4	111.1	99.4	99.3	99.7	102.8	131.8	-29.0	-12.4	2.1
2.	48.8	43.6	49.0	46.5	52.6	46.2	42.7	27.6	33.0	27.8	31.2	38.4	-7.2	7.8	14.7
3.		38.7	42.9	48.4	72.7	73.7	58.8	36.8	42.5	36.4	42.2	60.2	-18.0	13.5	22.3
4.		33.4	38.5	49.6	56.4	61.9	53.9	35.5	34.0	30.3	35.2	49.8	-14.6	12.1	11.3
5.		14.8	18.0	17.2	32.5	34.0	36.2	20.7	28.2	15.1	21.0	29.3	-8.3	4.7	10.5
6.			63.4	60.1	87.8	82.7	65.2	48.5	51.5	38.4	47.2	63.0	-15.8	19.7	28.8
7.					30.3	41.3	27.8	15.5	18.7	15.4	21.5	40.1	-18.6	1.2	9.6
8.					88.8	90.0	85.4	64.8	68.0	52.7	66.0	85.7	-19.7	4.3	6.2
9.					65.5	65.7	55.9	38.7	43.3	38.1	42.3	55.8	-13.5	9.9	22.2
10.						127.5	72.9	47.3	58.8	34.9	58.6	78.7	-20.1	48.8	54.2
11.						31.8	23.2	15.3	18.0	13.4	22.6	28.2	-5.6	3.7	7.5



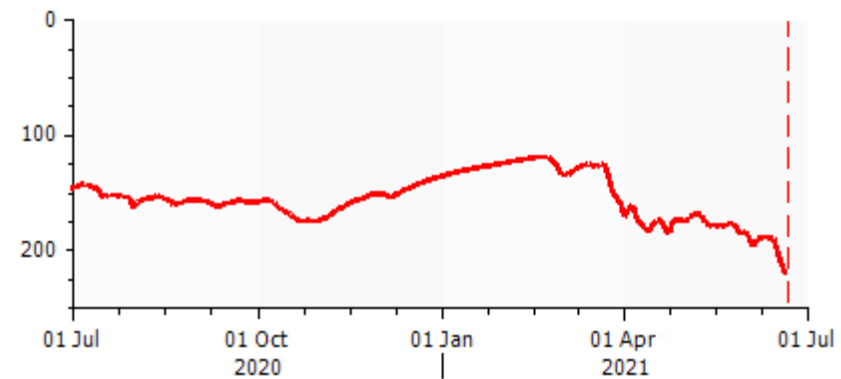
13. Well 13 Depth to Water



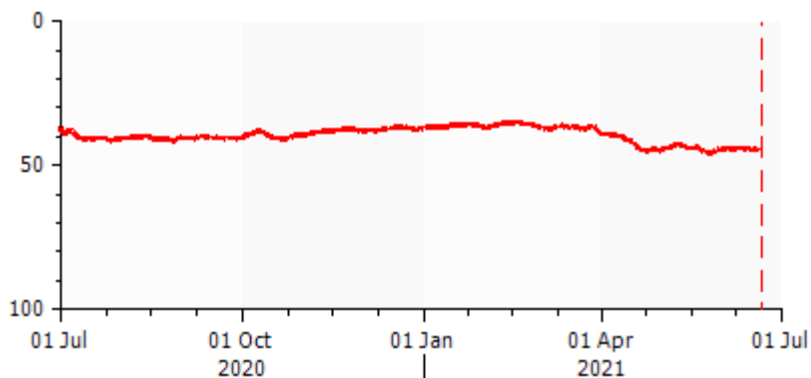
14. RD787 Well Depth to Water



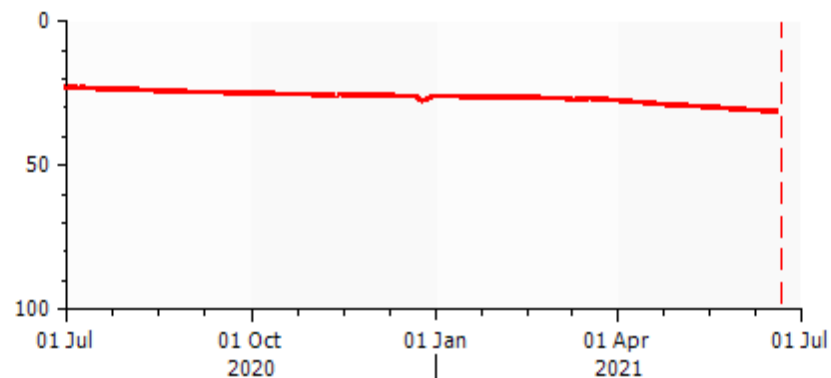
15. Moore Well (d) Depth to Water



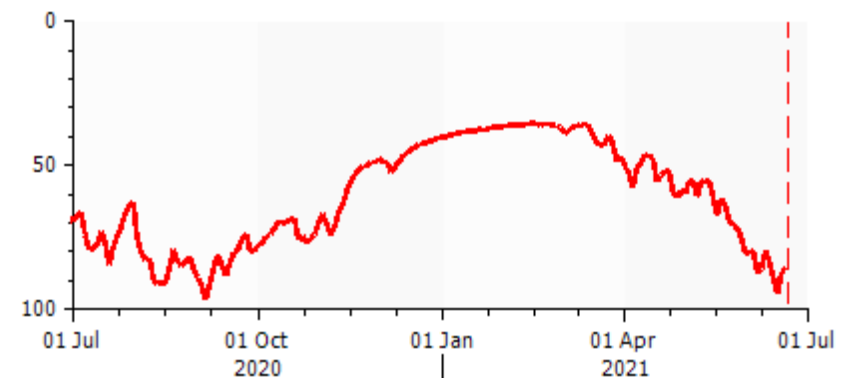
16. Esparto Well Depth to Water



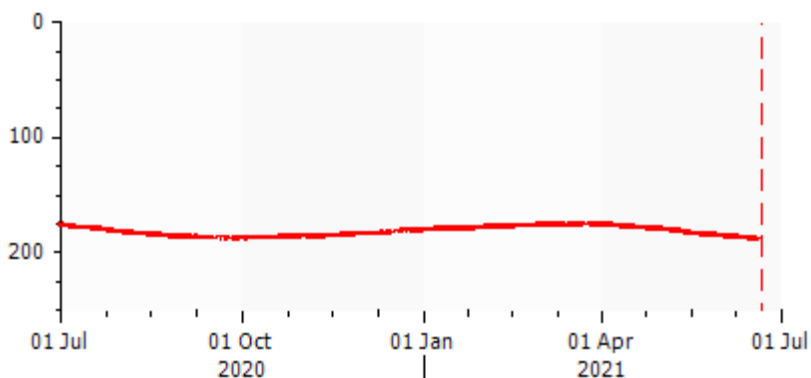
17. Reynolds Well Depth to Water



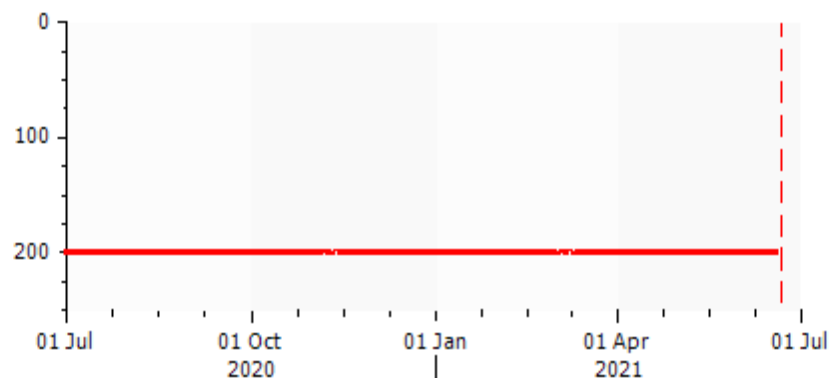
18. Carson Well Depth to Water



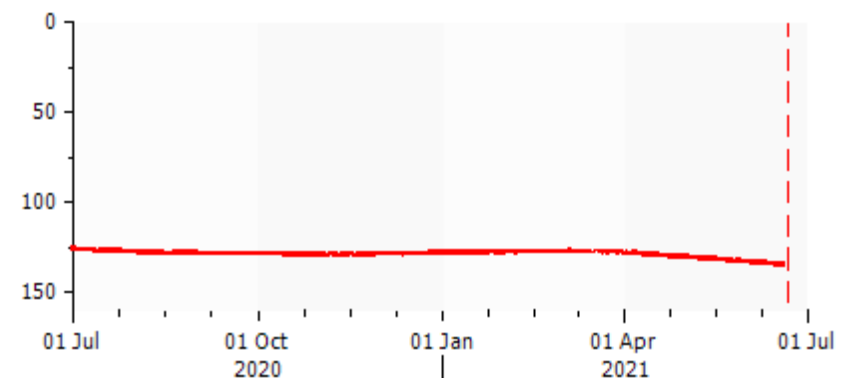
19. Davids Well Depth to Water



20. Ireland Well Depth to Water

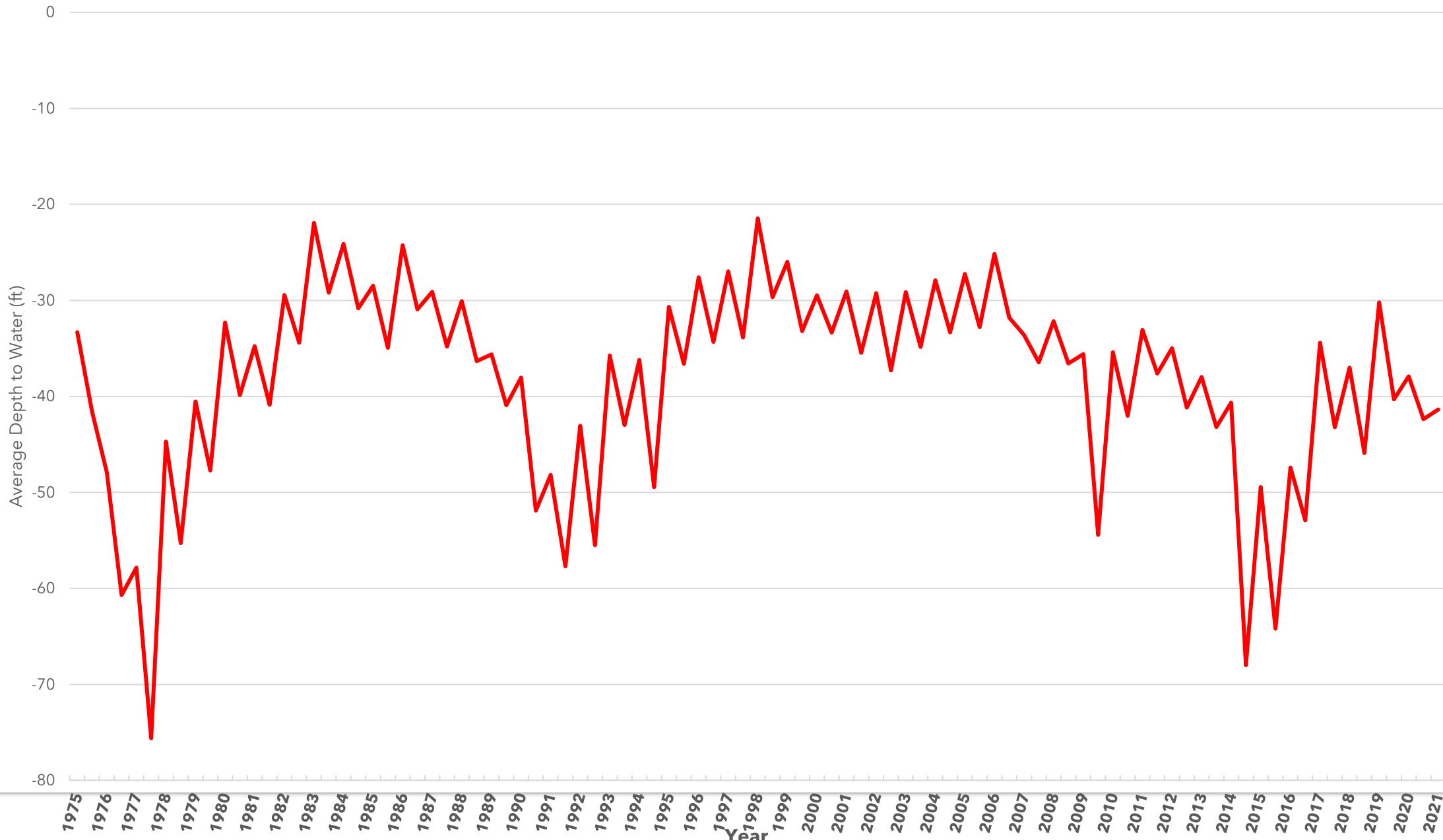


21. Countyline Well Depth to Water



YCFC&WCD Average Groundwater

Depth by Season (Spring 2021 is 111 wells)



Agenda

- Consideration: Consent Items
- Consideration: FY 2020-2021 & 2021-2022 Budgets and Administrative and Technical Support Services Agreements
- Update on Water Legislation, Regulatory, and Delta Issues (Gary Link, NCWA)
- Water Conditions Update
 - Matt Cohen, City of Woodland
 - Roger Cornwell, RD 787 (RGF)
 - Bill Vanderwaal, Dunnigan Water District
 - Kristin Sicke, YCFC&WCD
 - Leo Refsland, Madison/Knights Landing/Cacheville CSDs
 - Charlie Schaupp, Esparto CSD
- **Report of the Chair and Executive Officer**
- Presentation: Areas of Special Concern
- Update on Groundwater Sustainability Plan Development
- Members' Reports and Future Agenda Items

Agenda

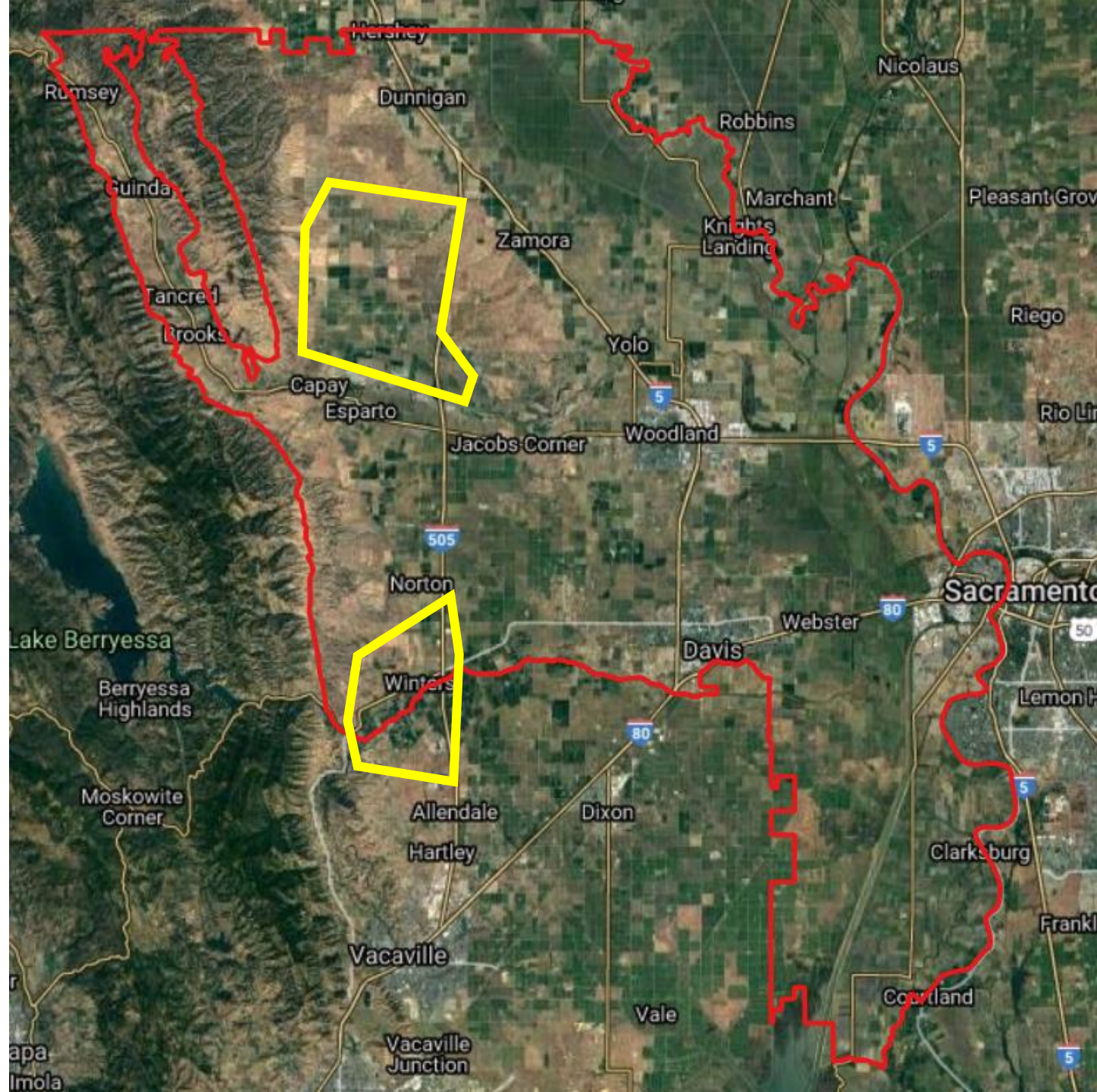
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Areas of Special Concern

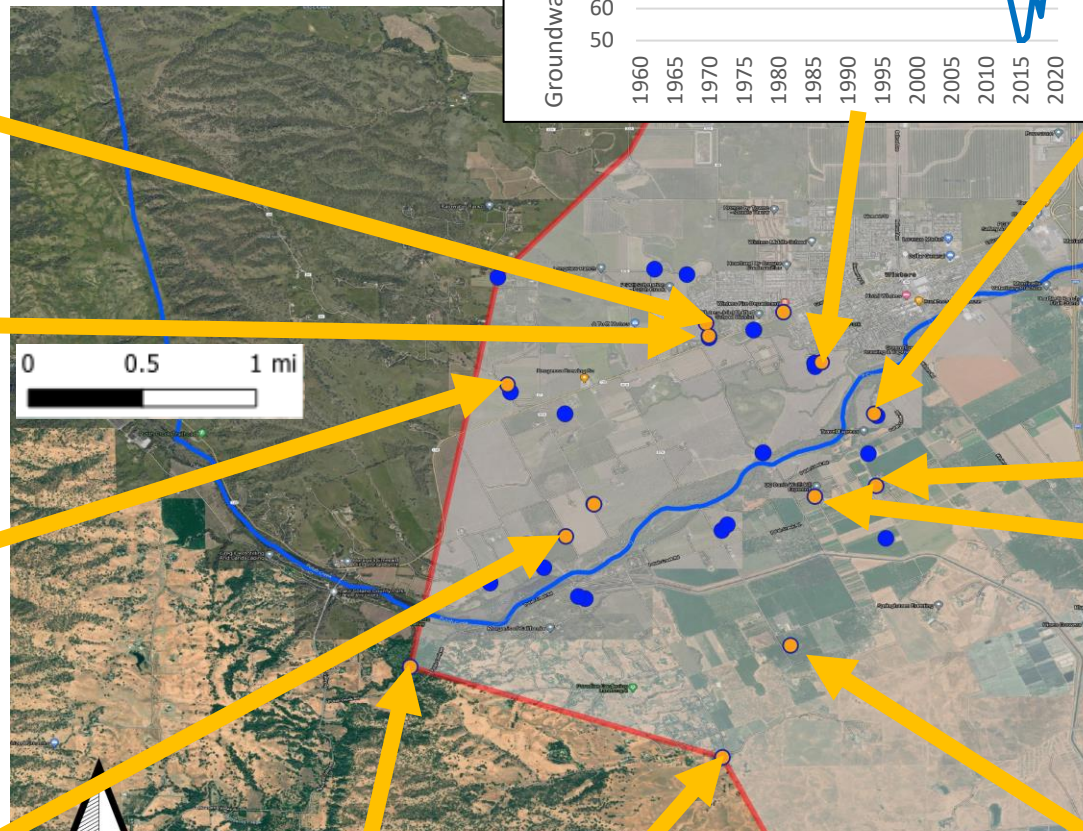
Changing Groundwater Elevations near Winters and Hungry Hollow

Hungry Hollow

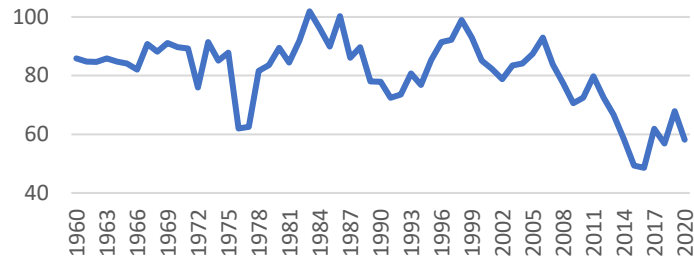
Winters Area



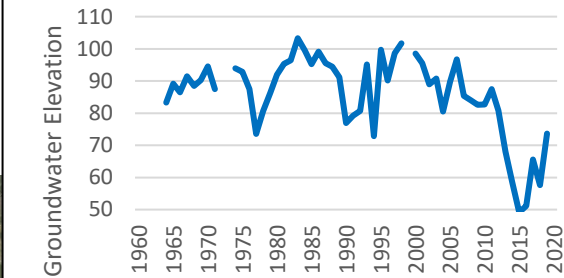
Hydrographs near the City of Winters



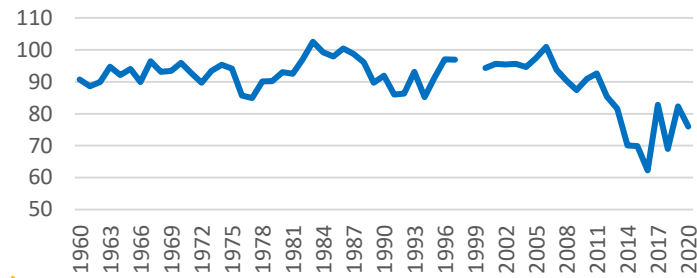
08N01W20R005M , Well Depth: 300'



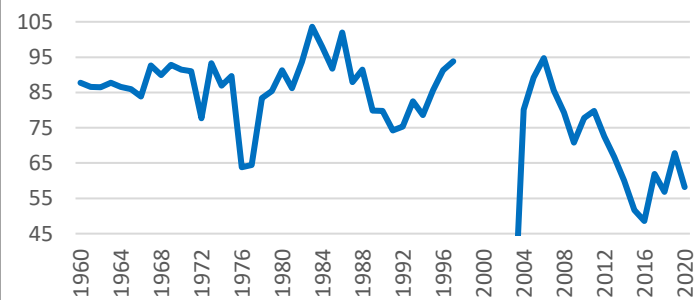
385154N1219796W001 , Well Depth: 160'



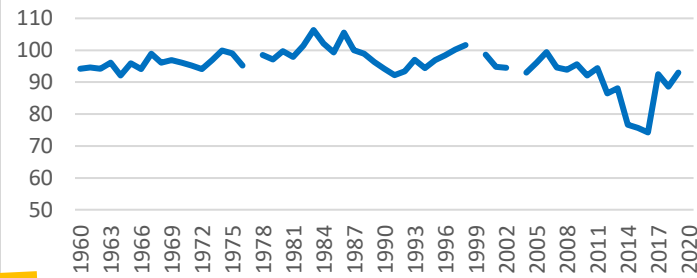
385106N1219735W001 , Well Depth: 207'



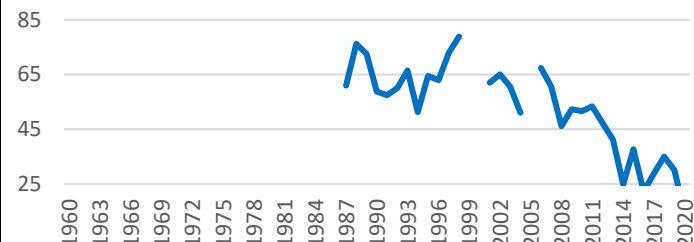
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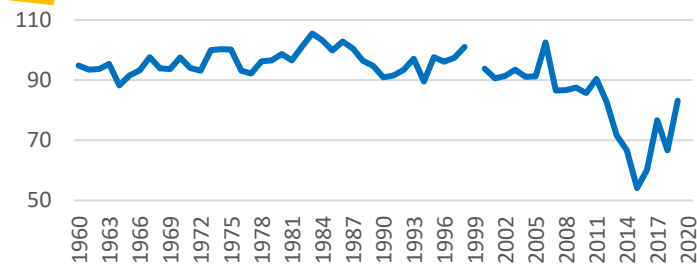
385028N1219731W001 , Well Depth: 200'



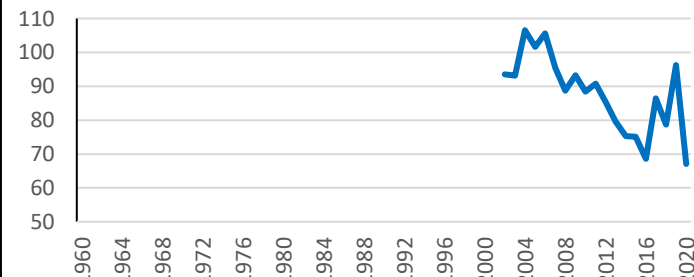
385128N1220109W001 , Well Depth: 180'



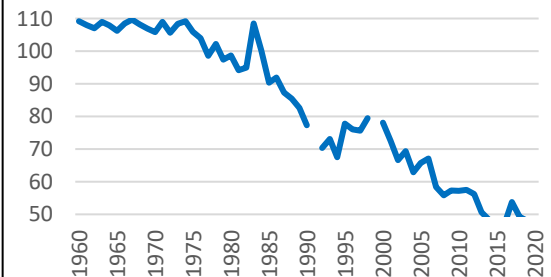
385009N1219775W001 , Well Depth: 228'



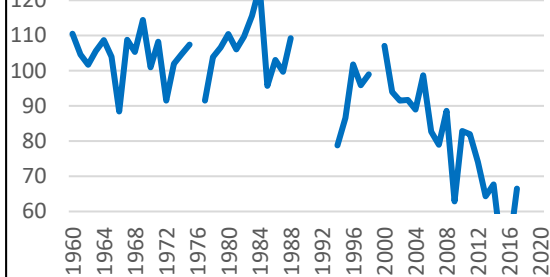
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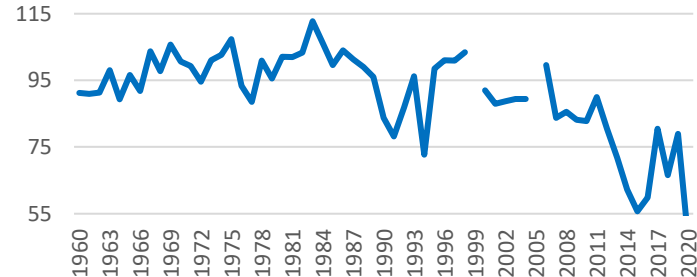
384851N1220211W001 , Well Depth: 400'



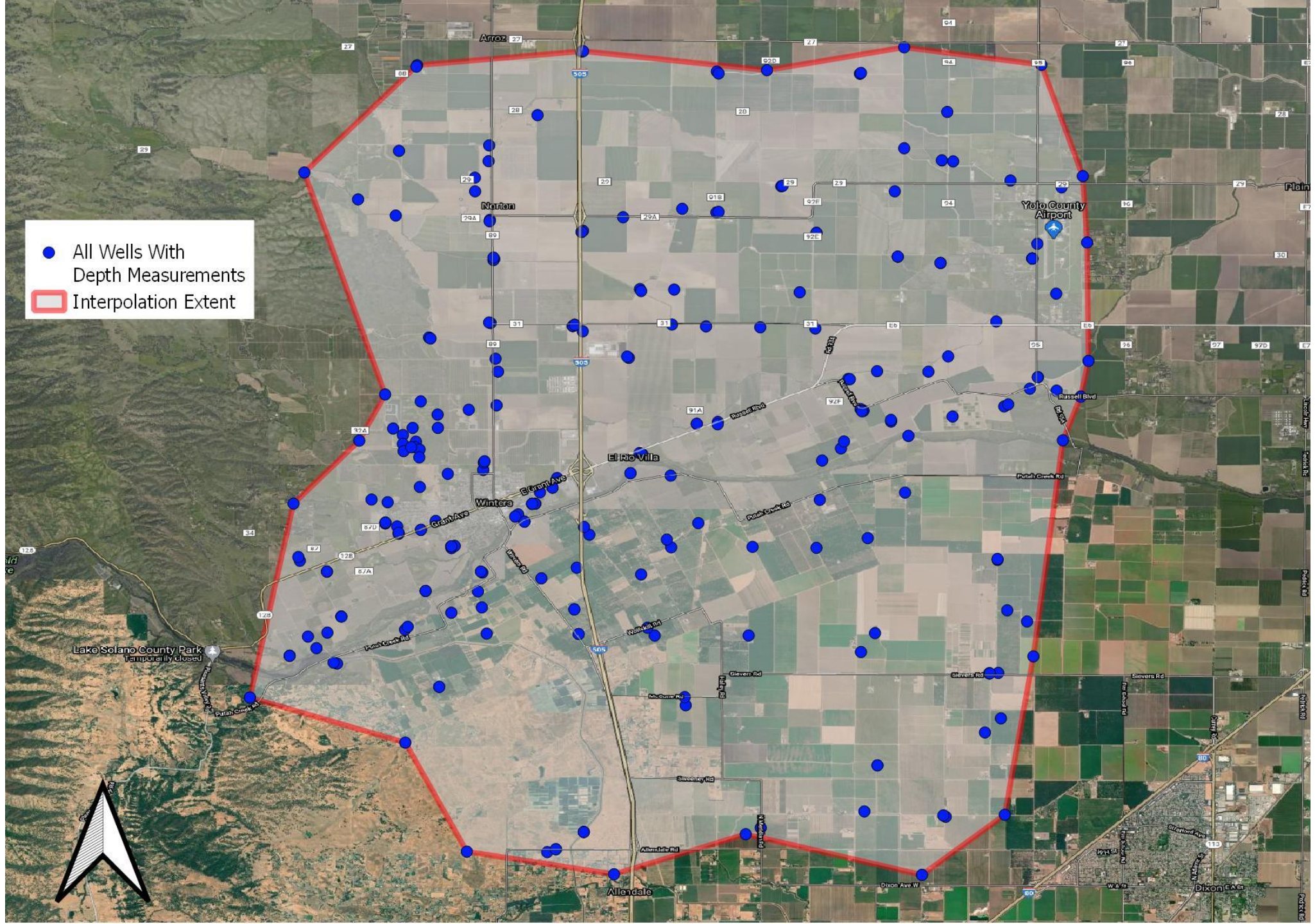
384758N1219882W001 , Well Depth: 286'



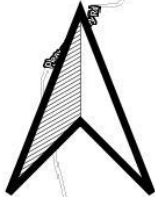
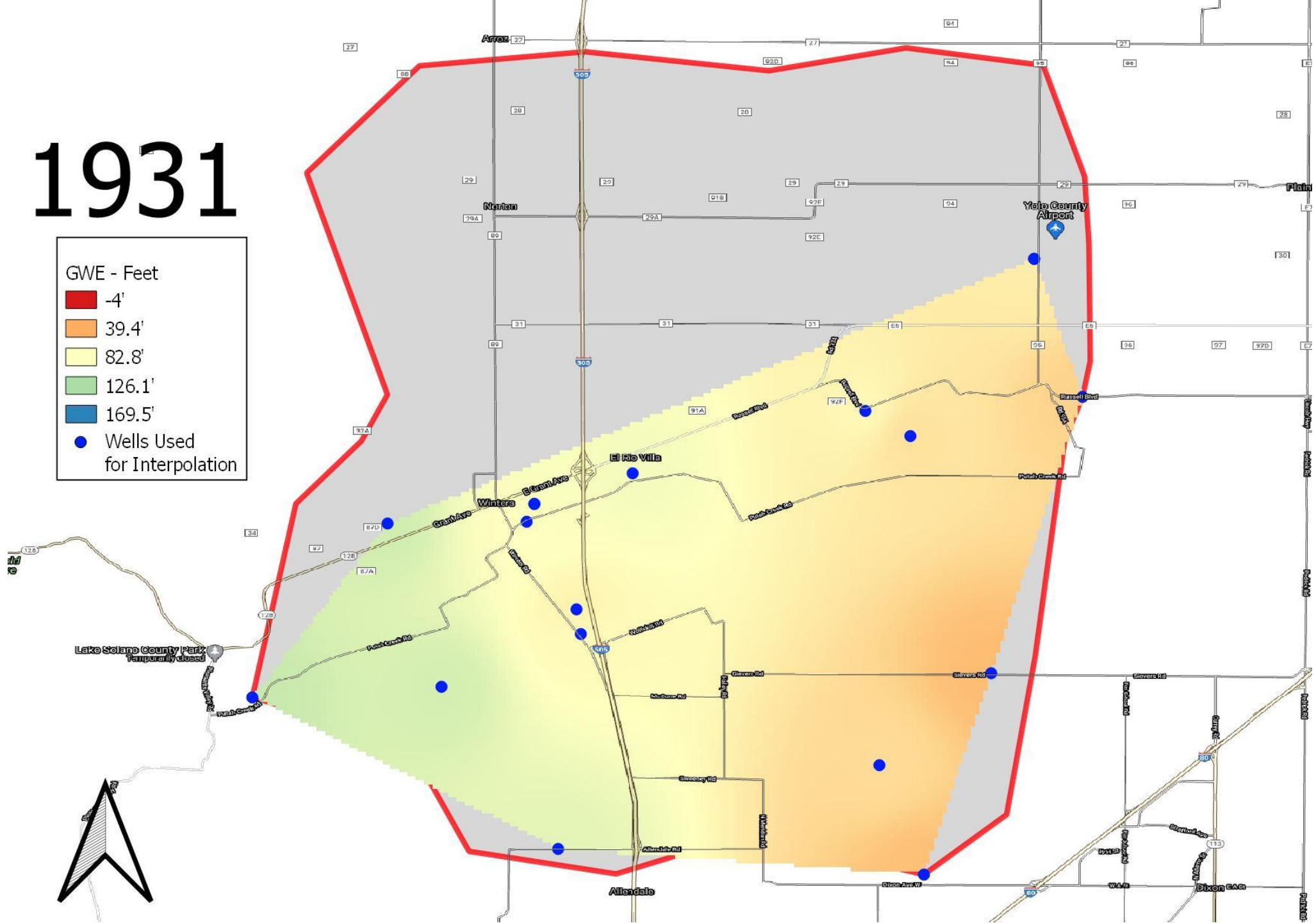
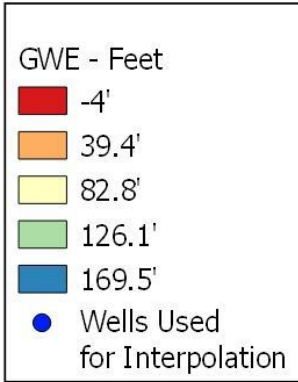
384879N1219830W001 , Well Depth: 109'



● All Wells With Depth Measurements
▭ Interpolation Extent

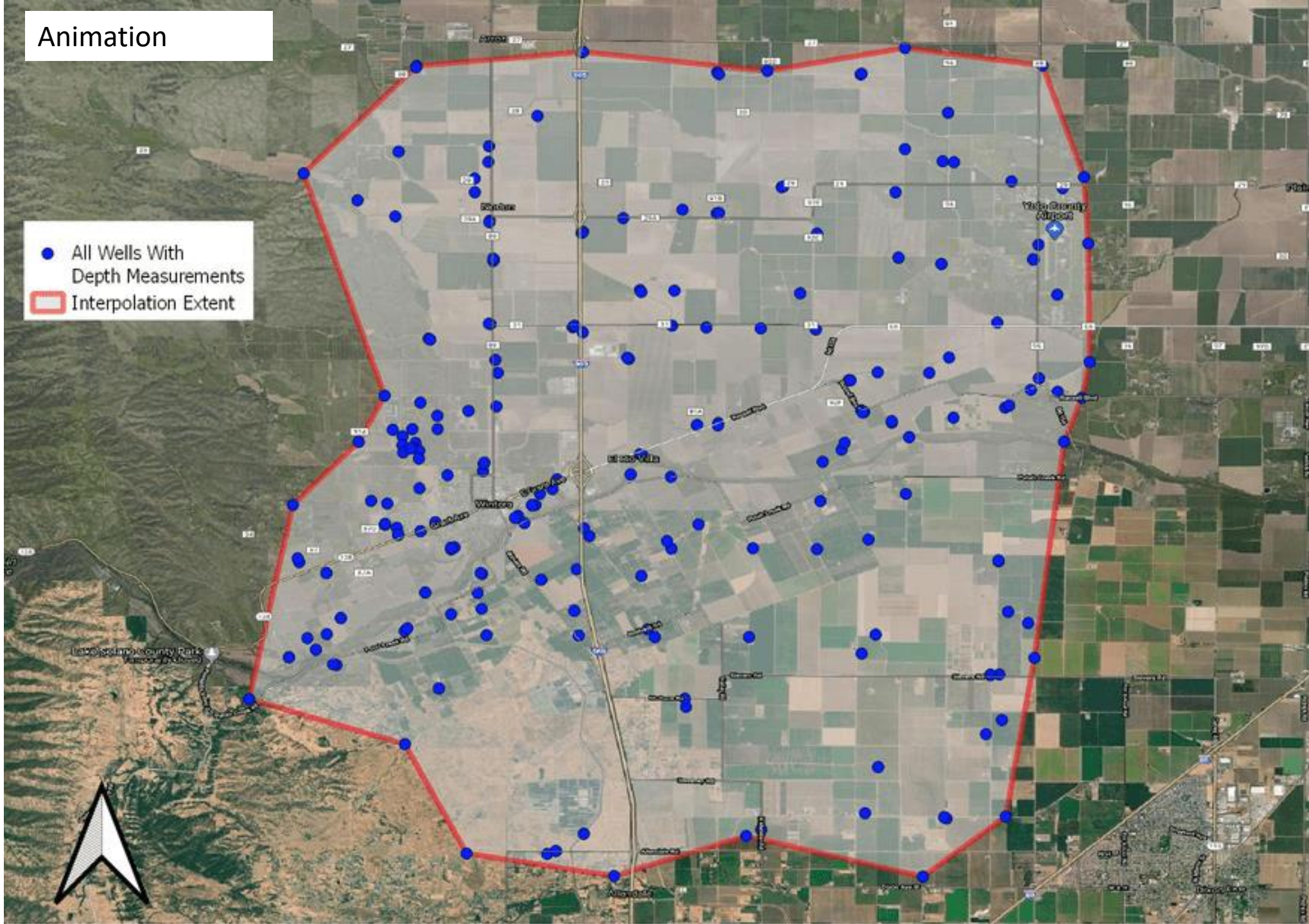


1931

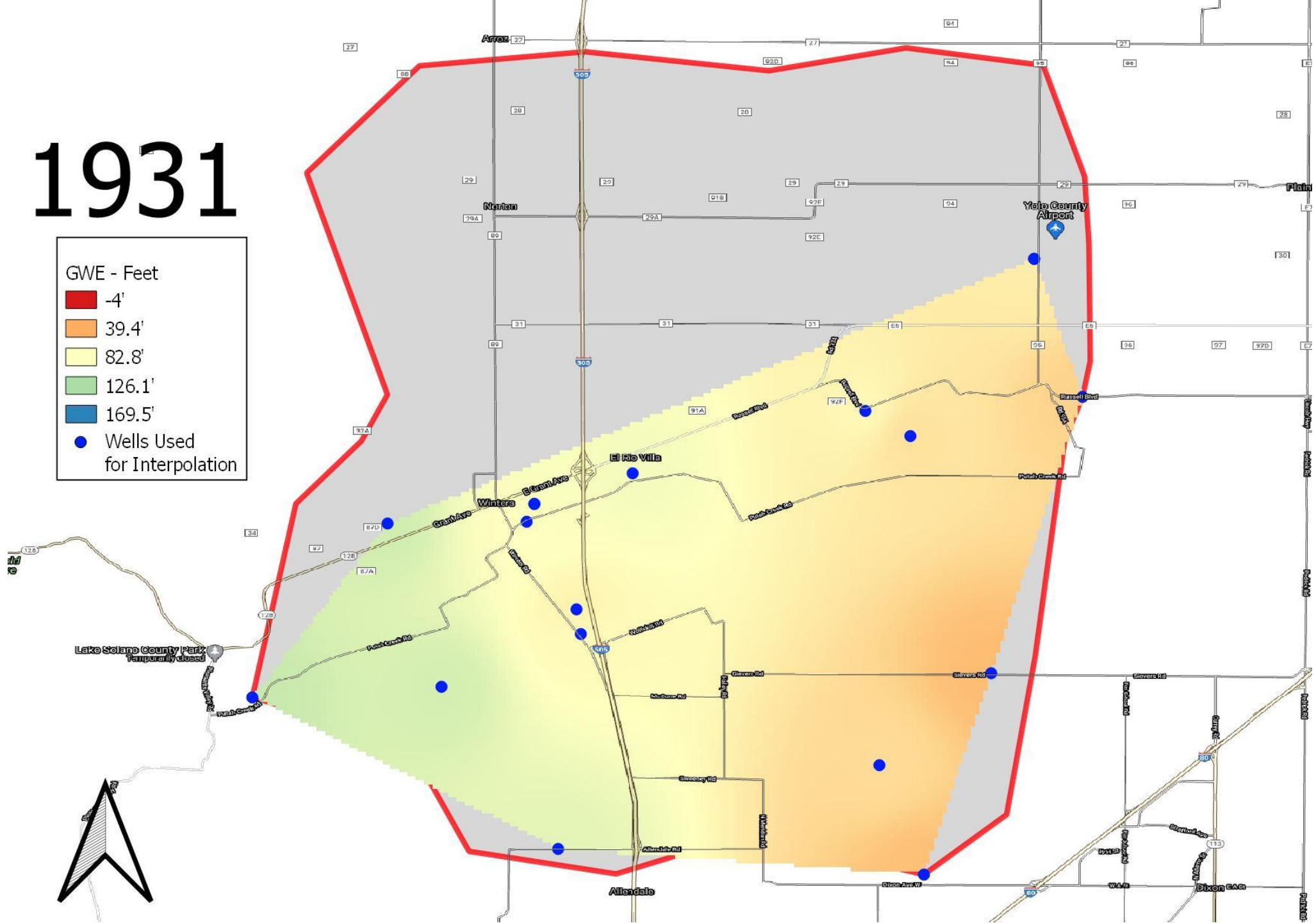
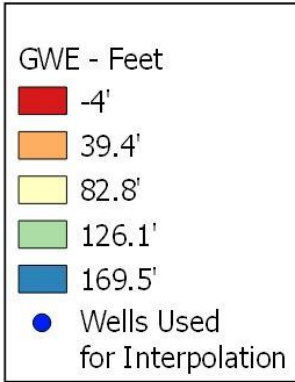


Animation

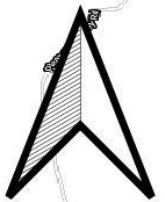
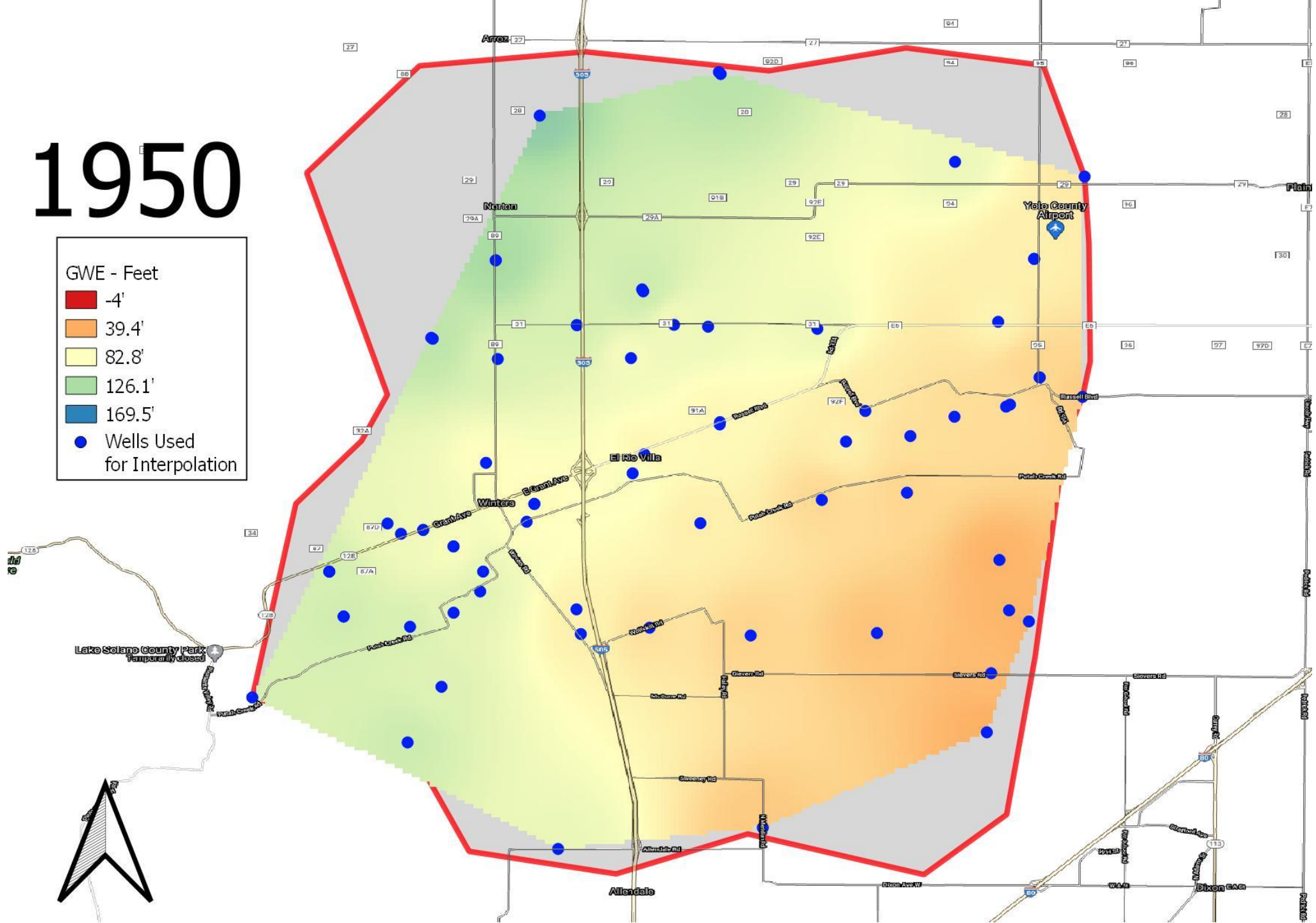
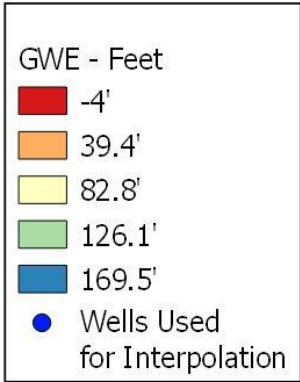
- All Wells With Depth Measurements
- ▭ Interpolation Extent



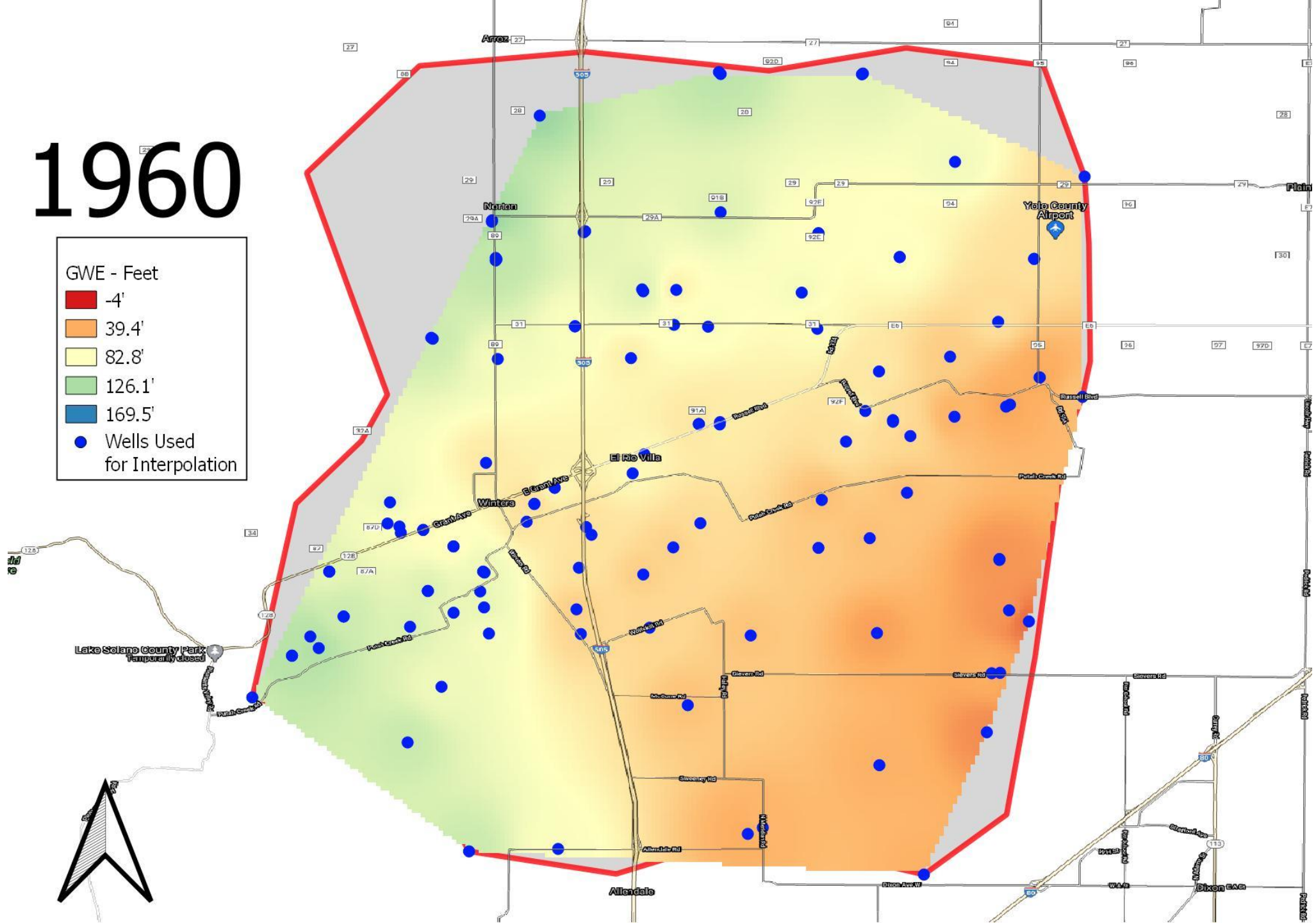
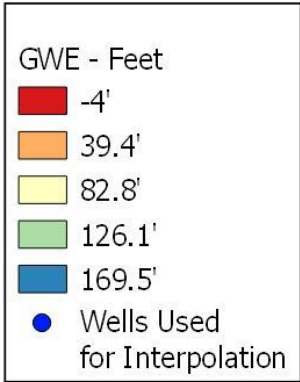
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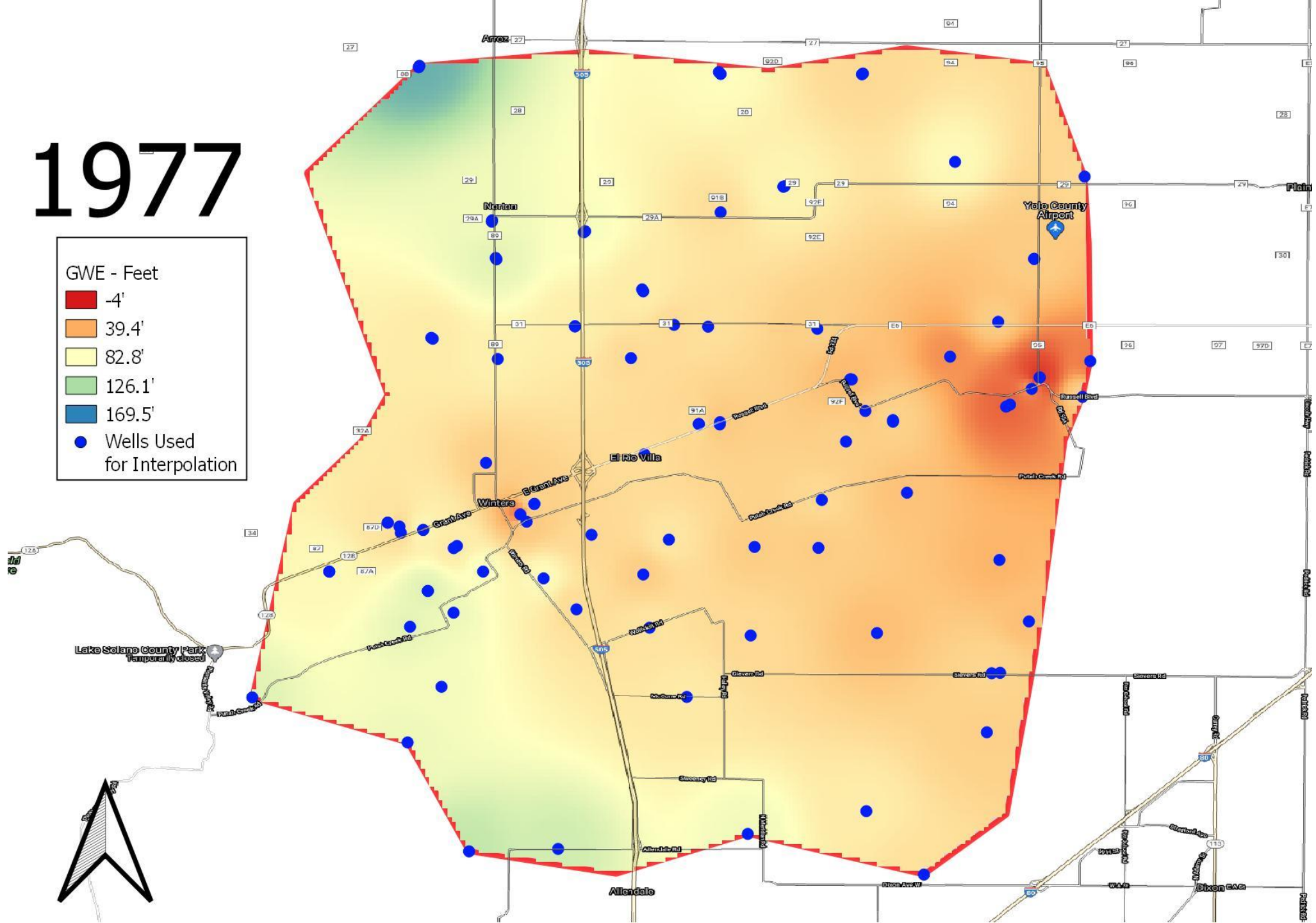
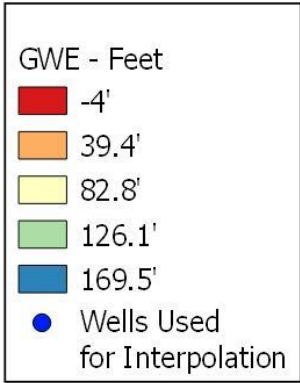
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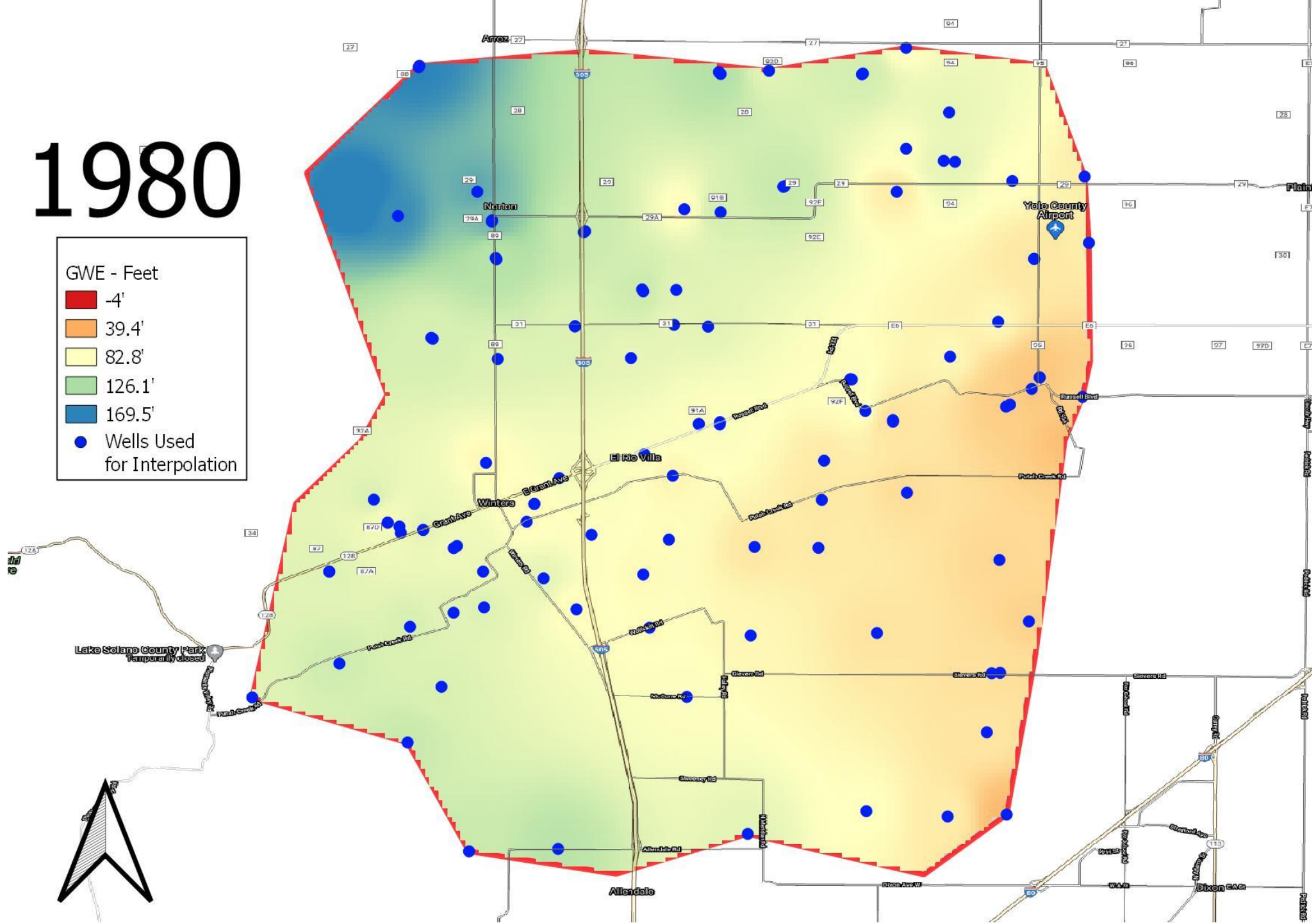
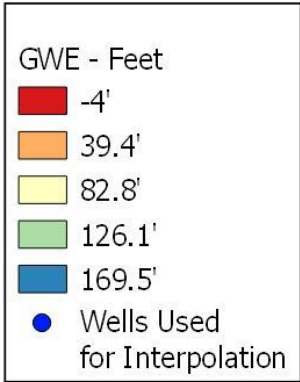
1960



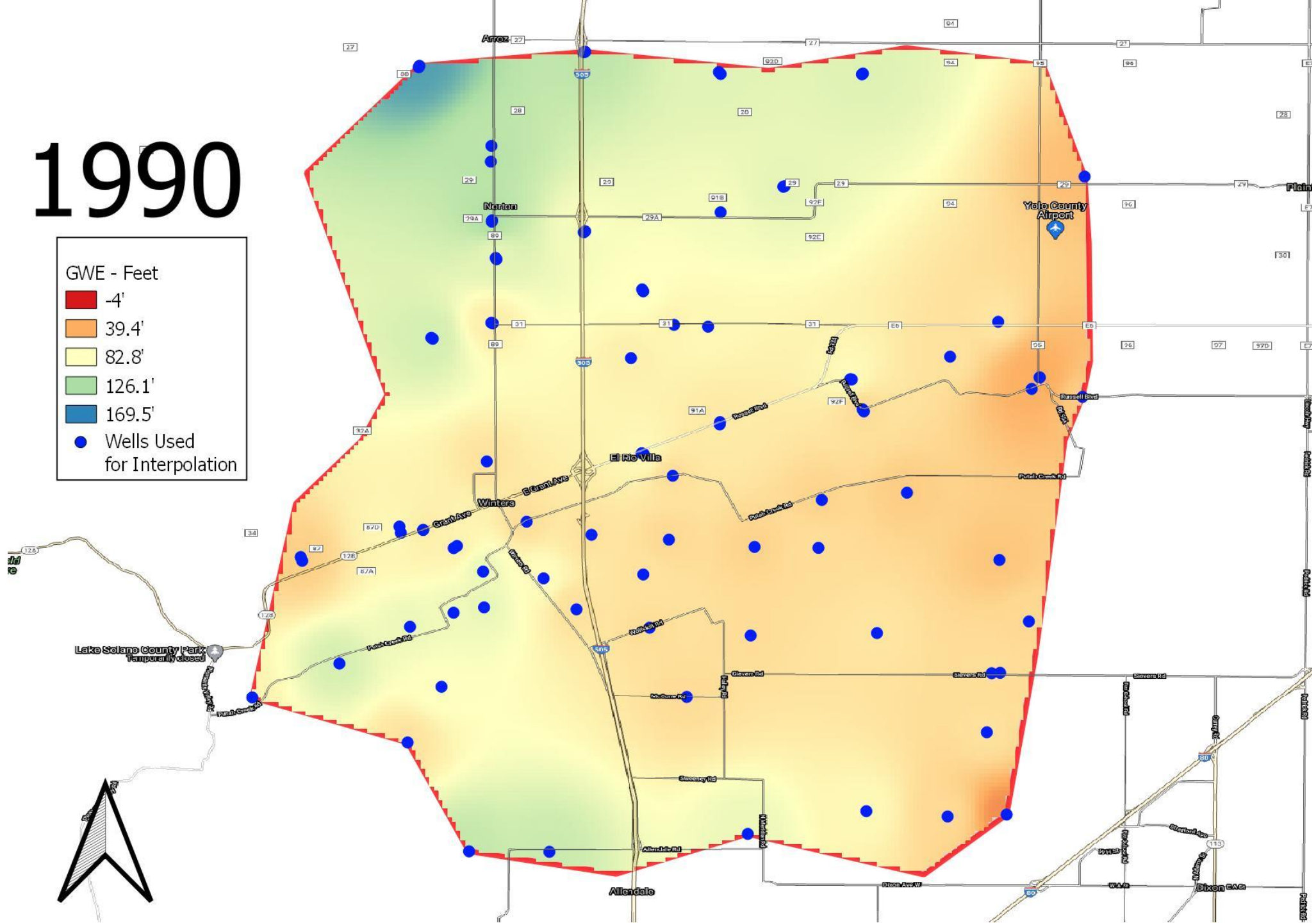
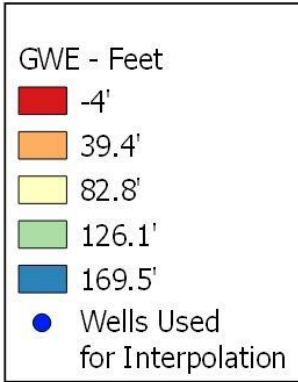
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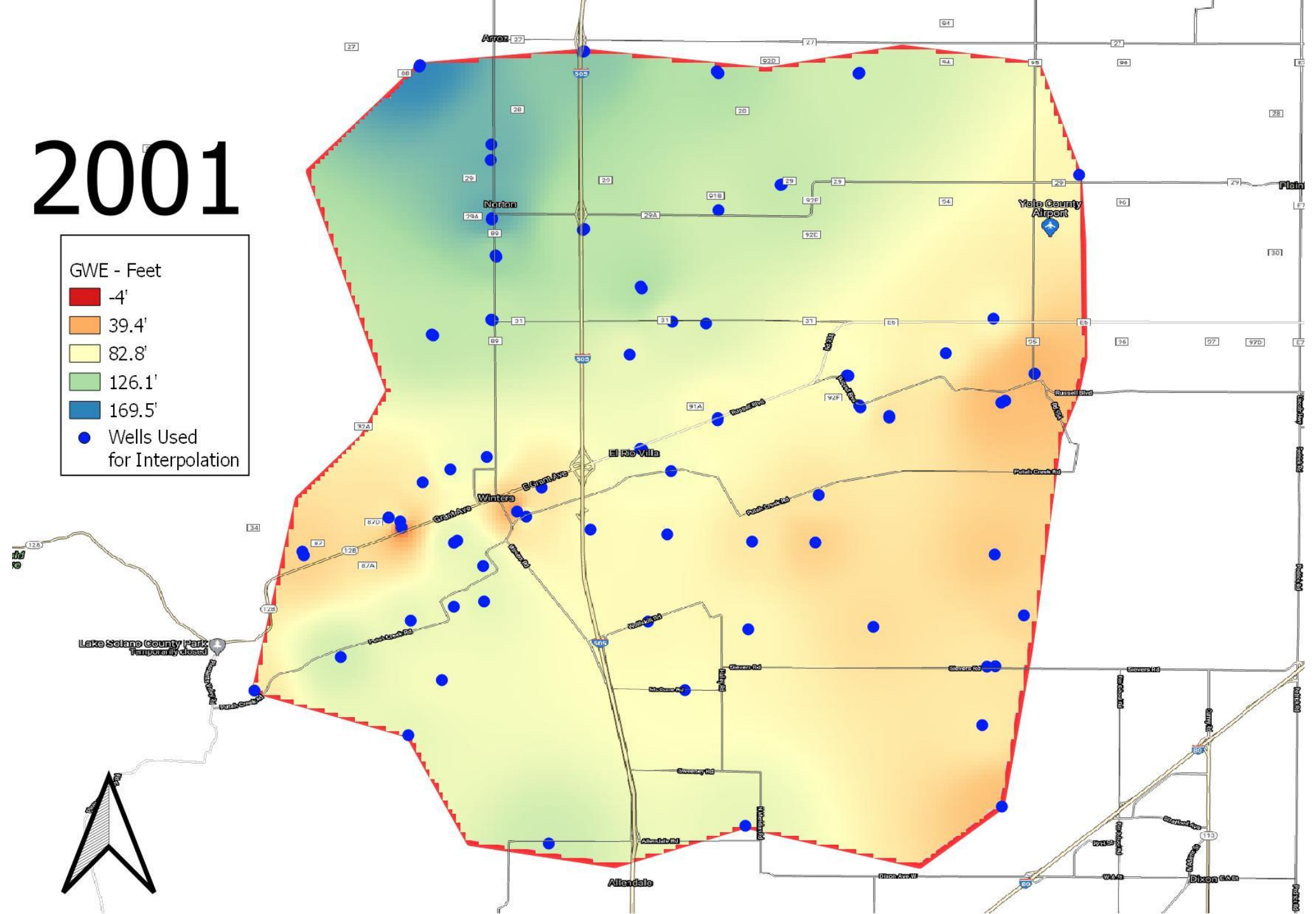
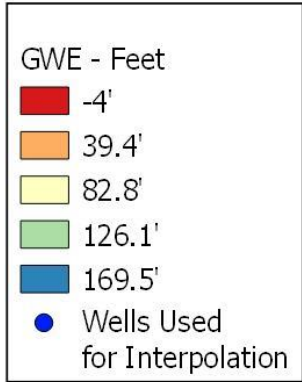
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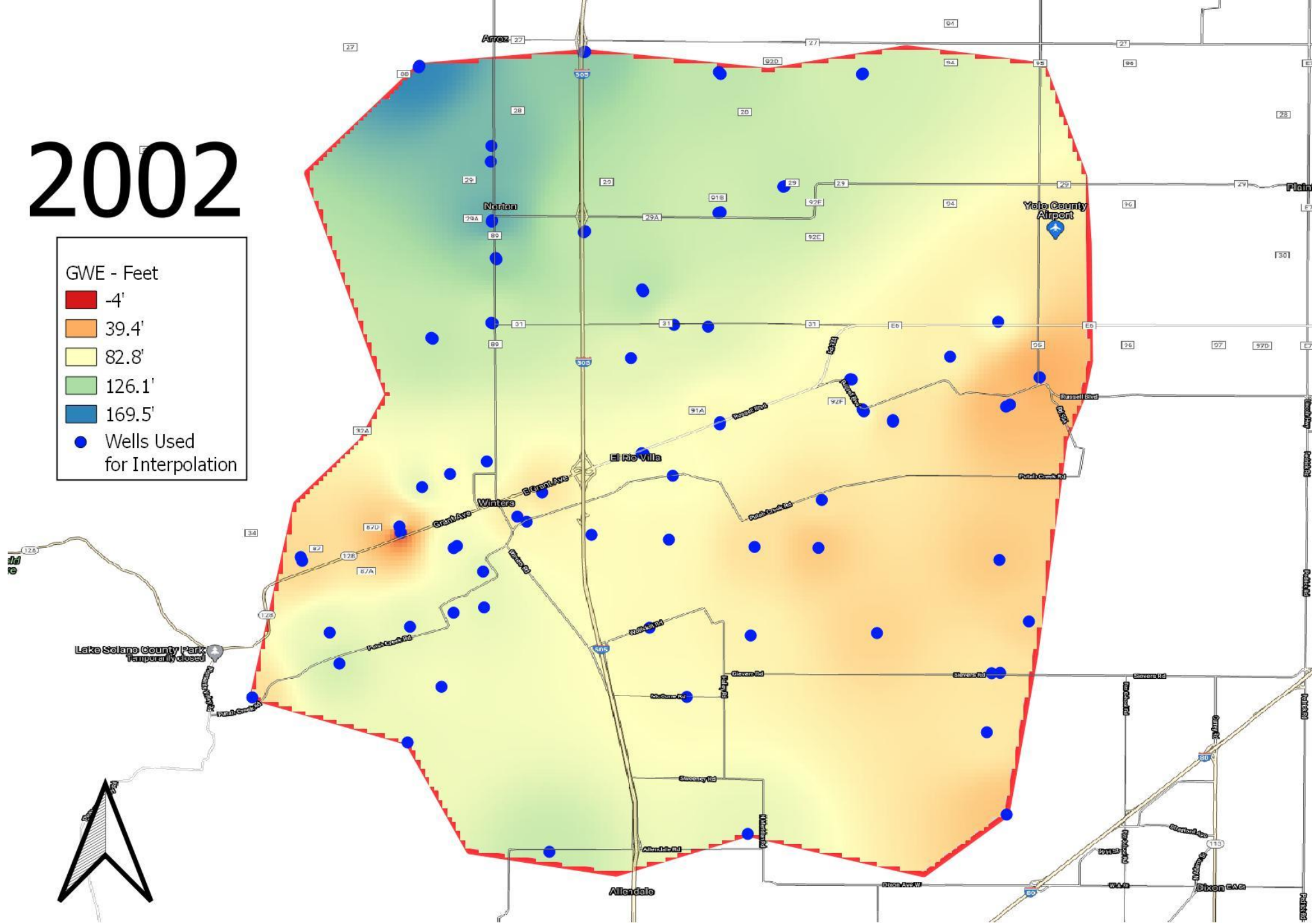
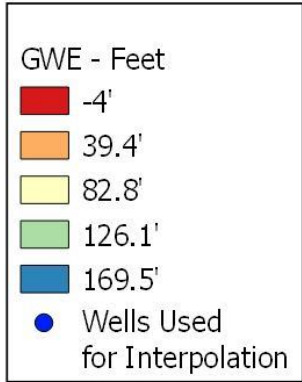
1990



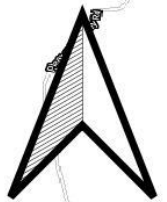
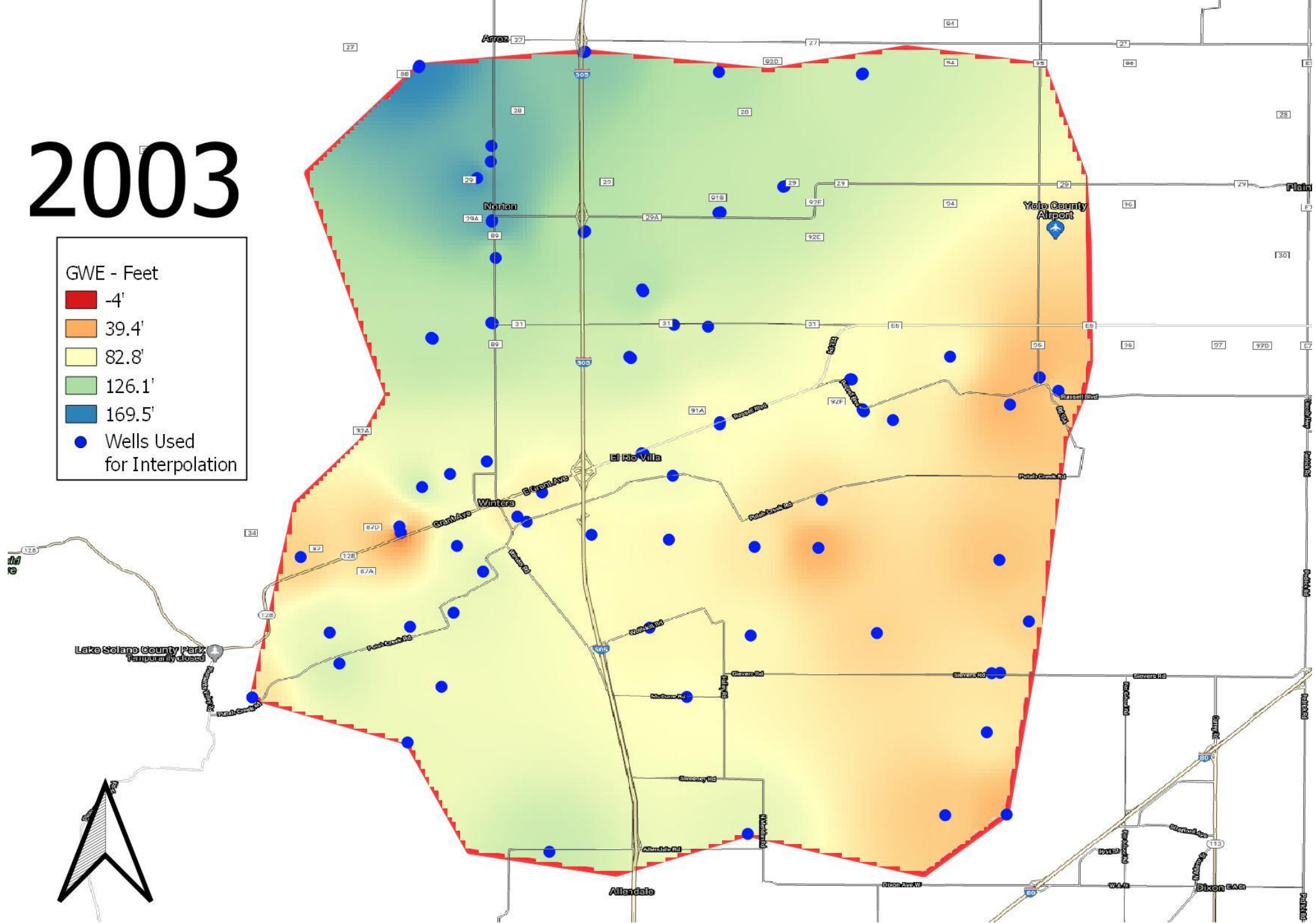
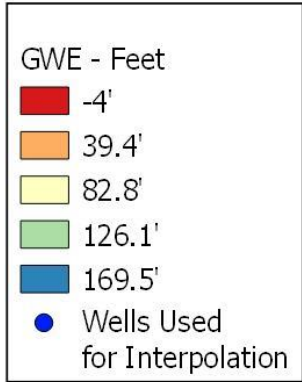
2001



2002

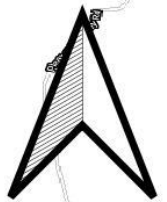
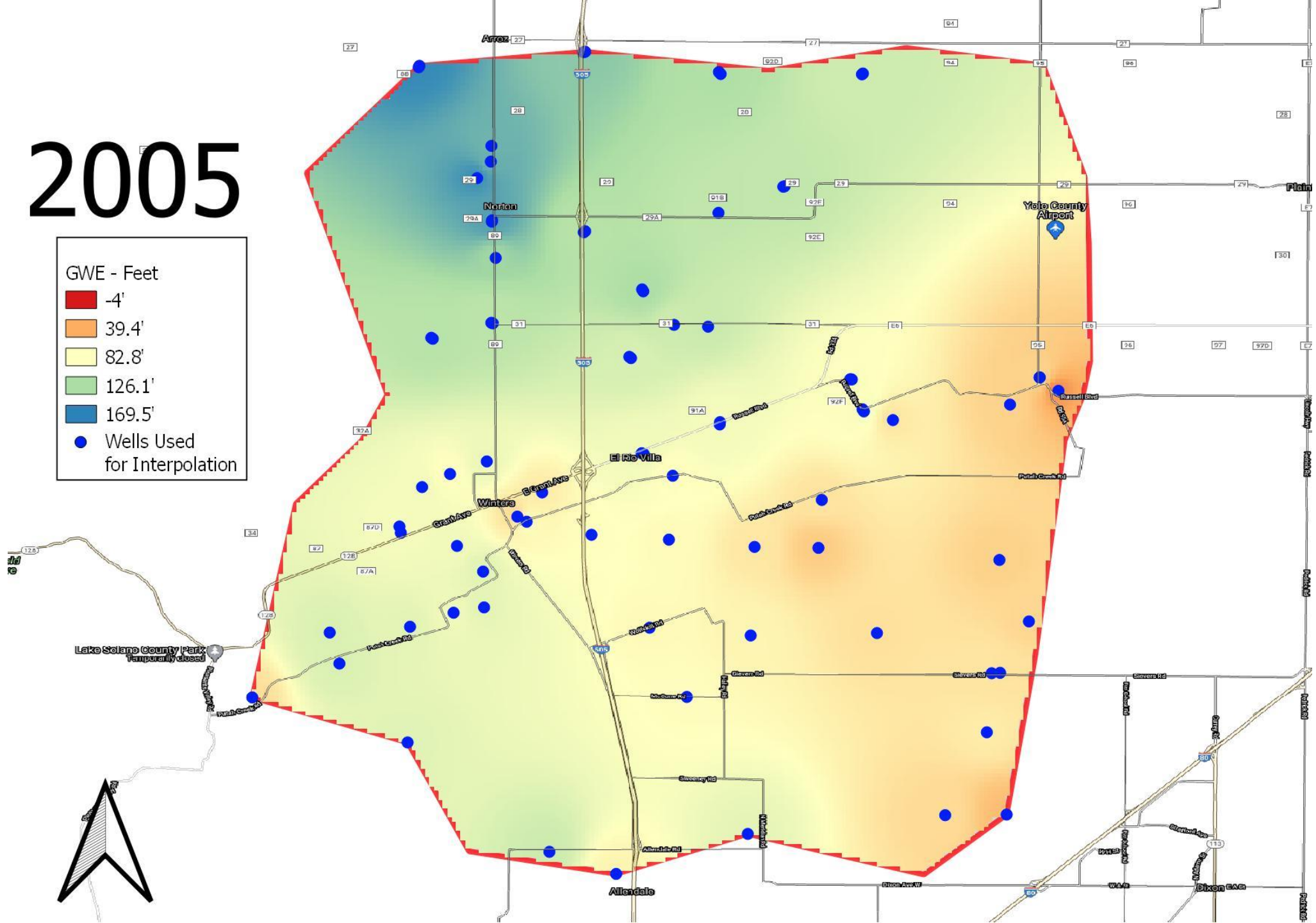
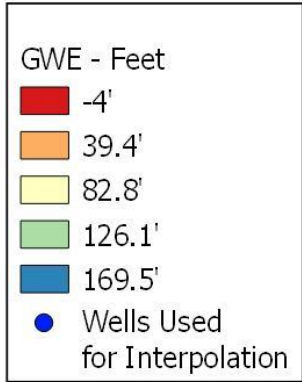


2003



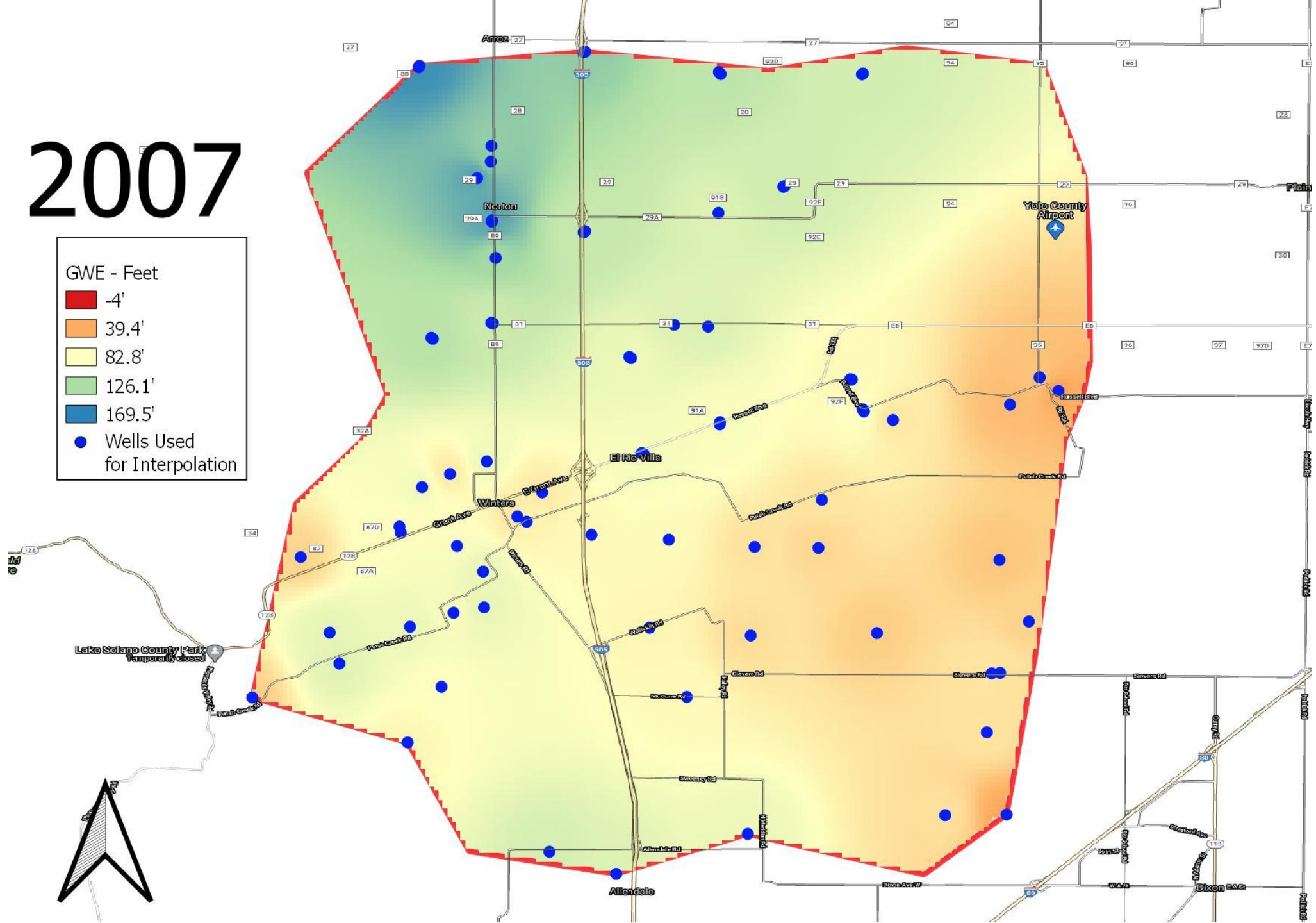
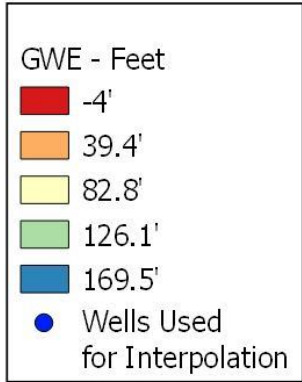
Lake Solano County Park
Temporarily closed

2005

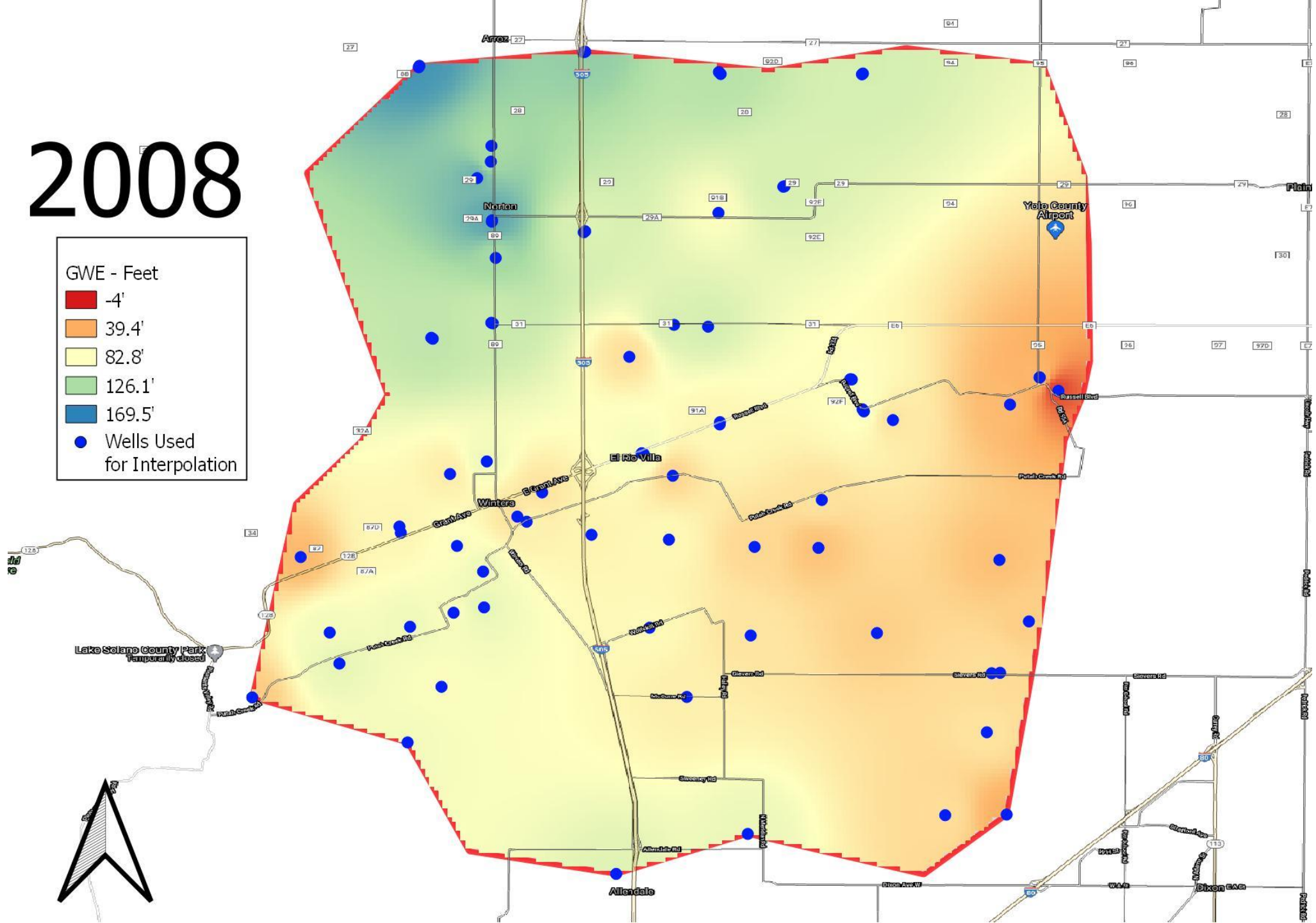
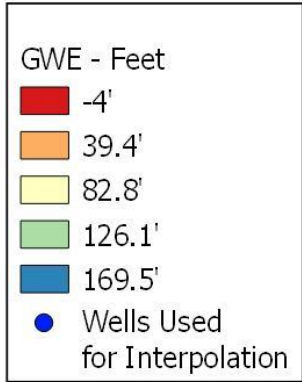


Lake Solano County Park
Temporarily closed

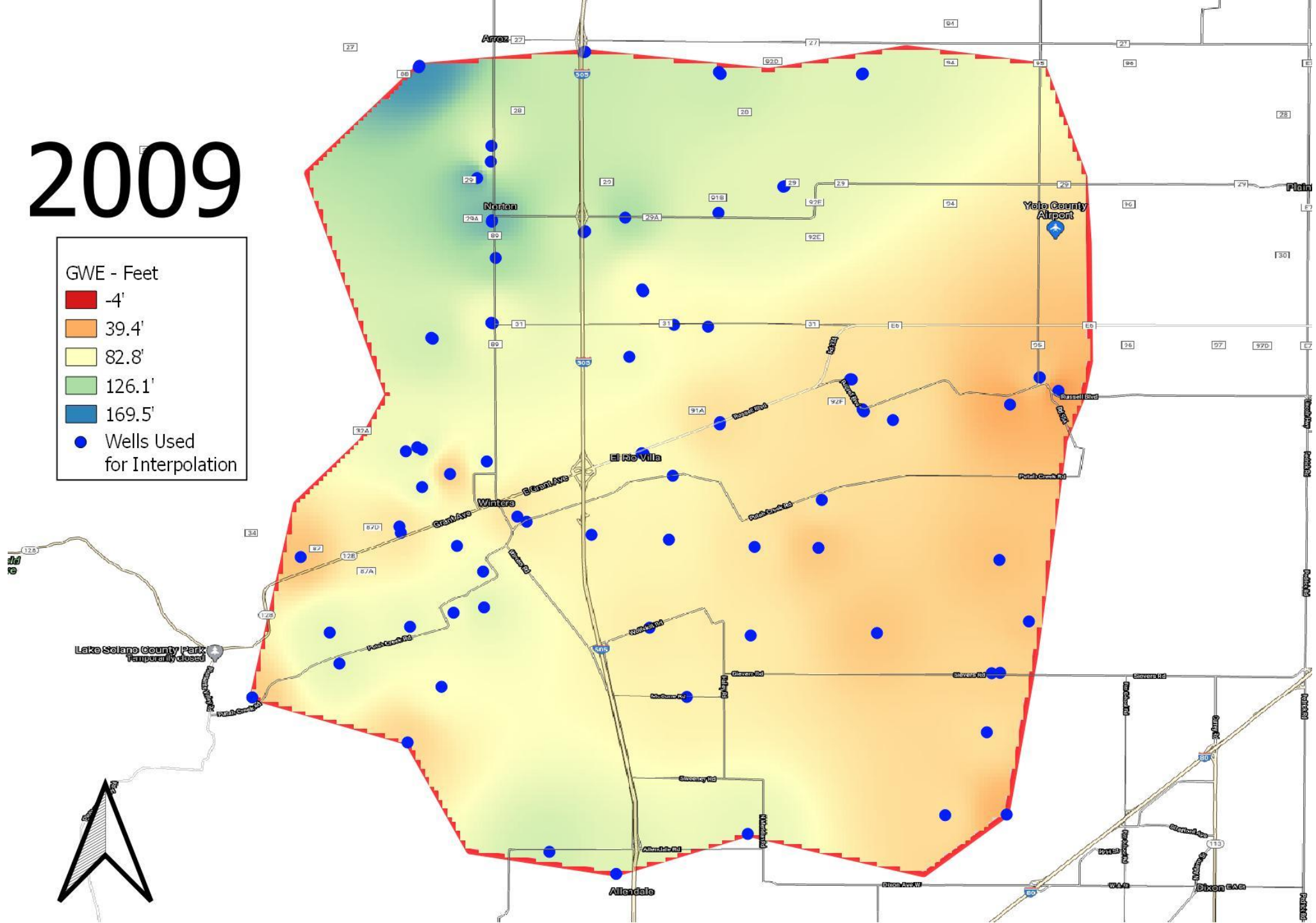
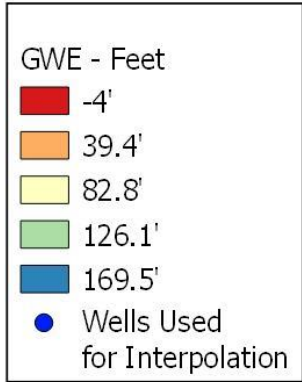
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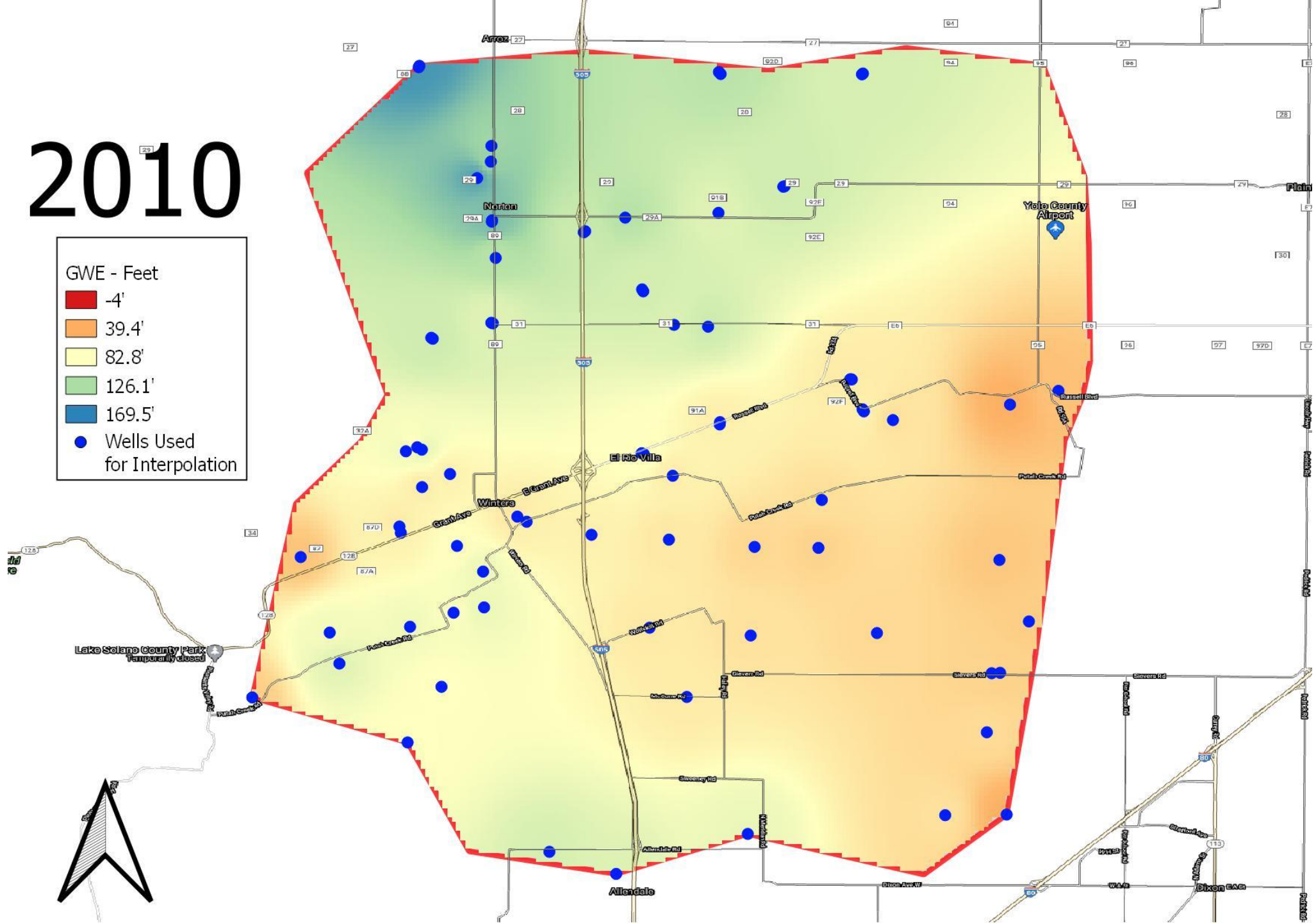
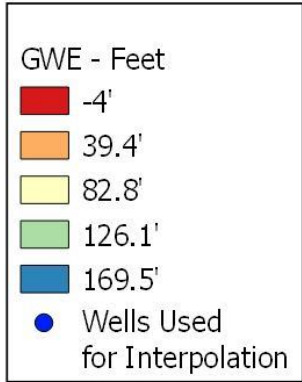
2008



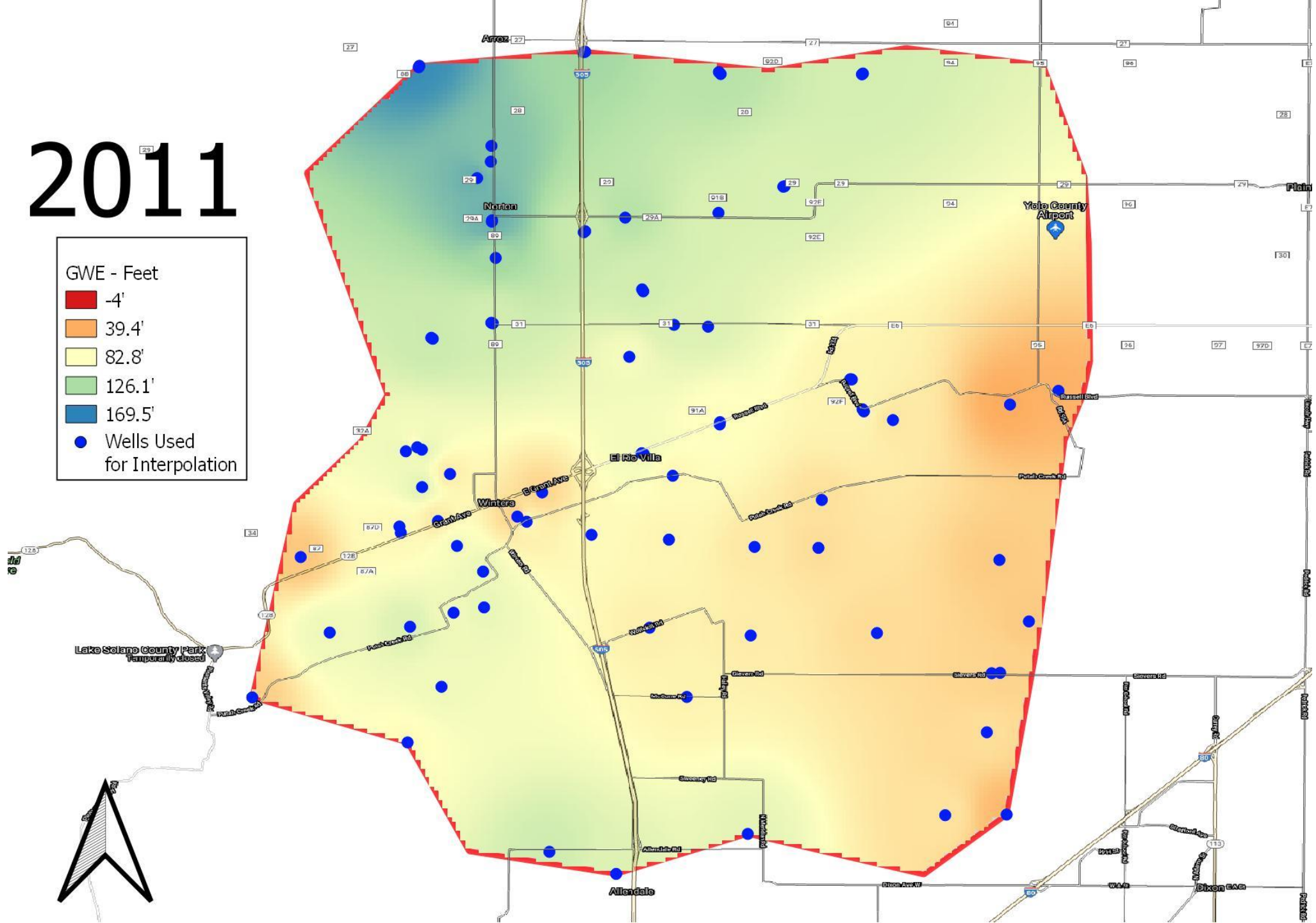
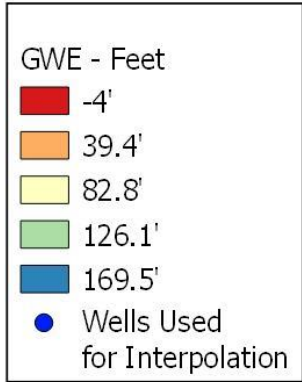
2009



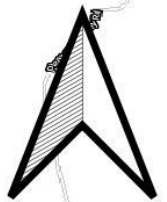
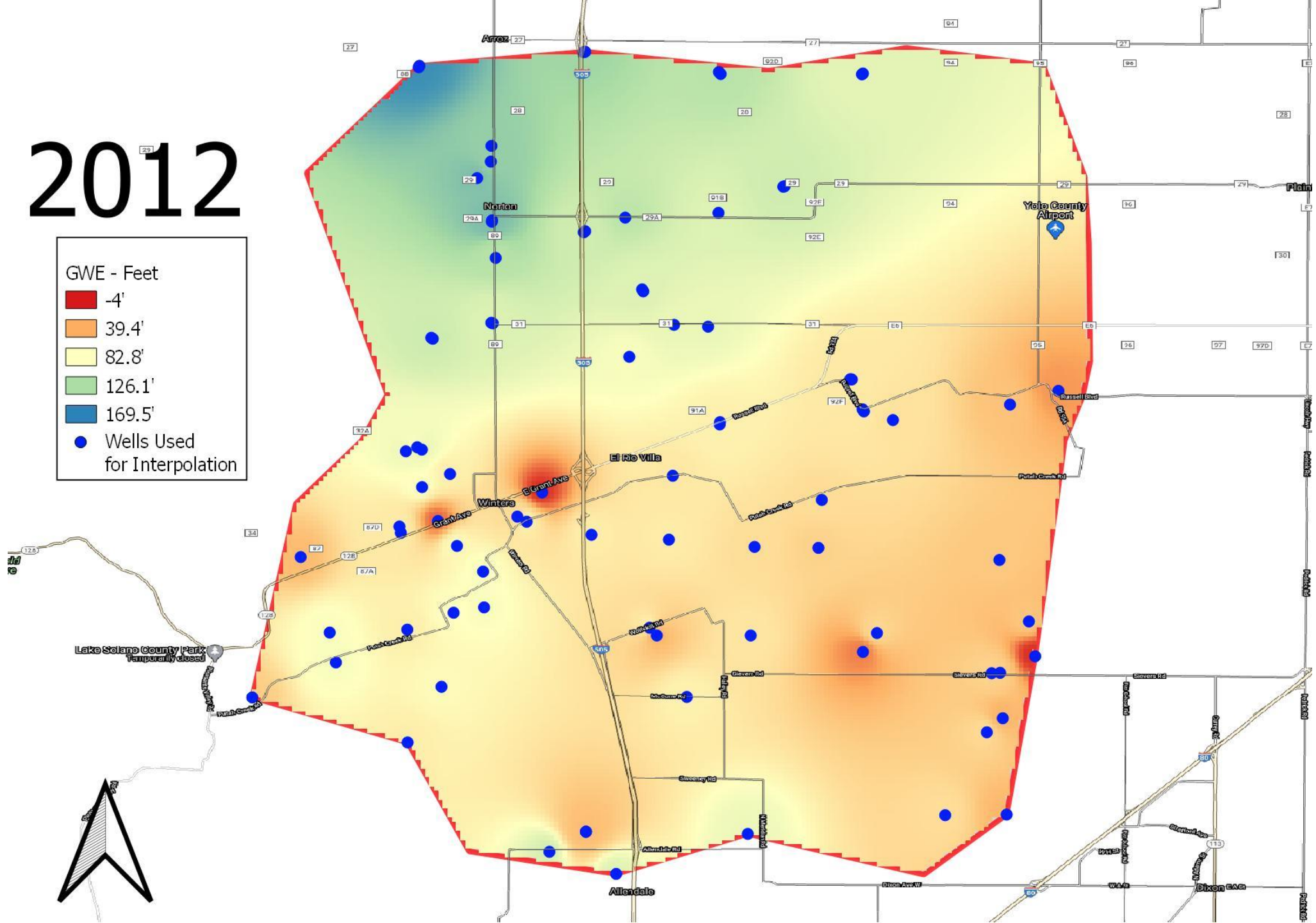
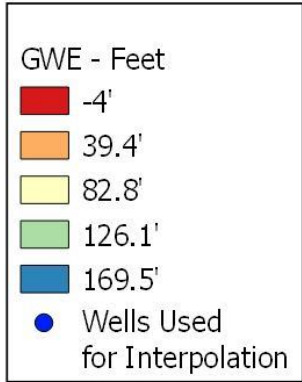
2010



2011

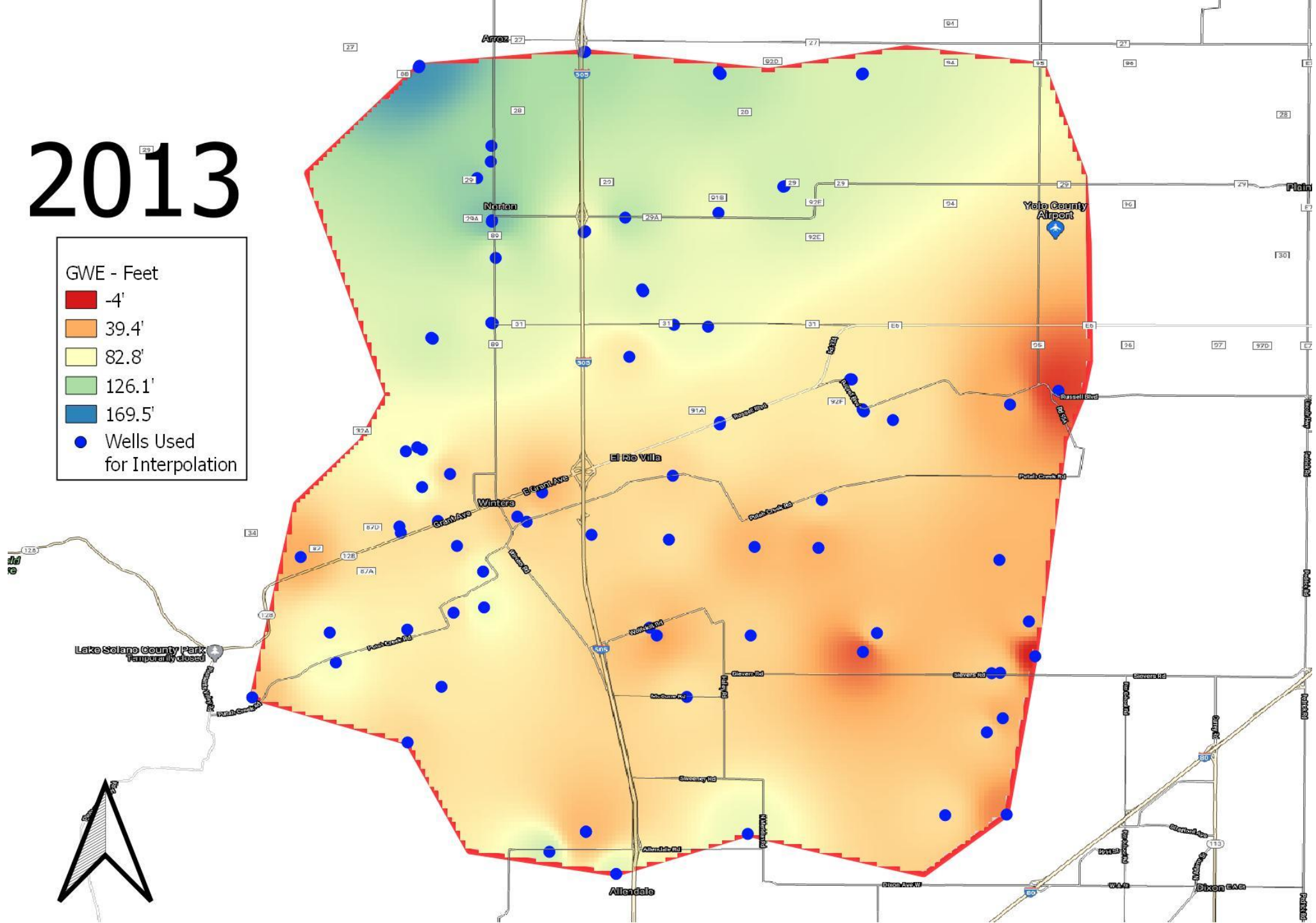
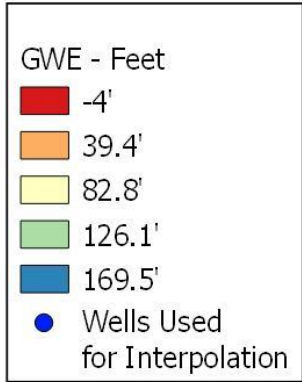


2012

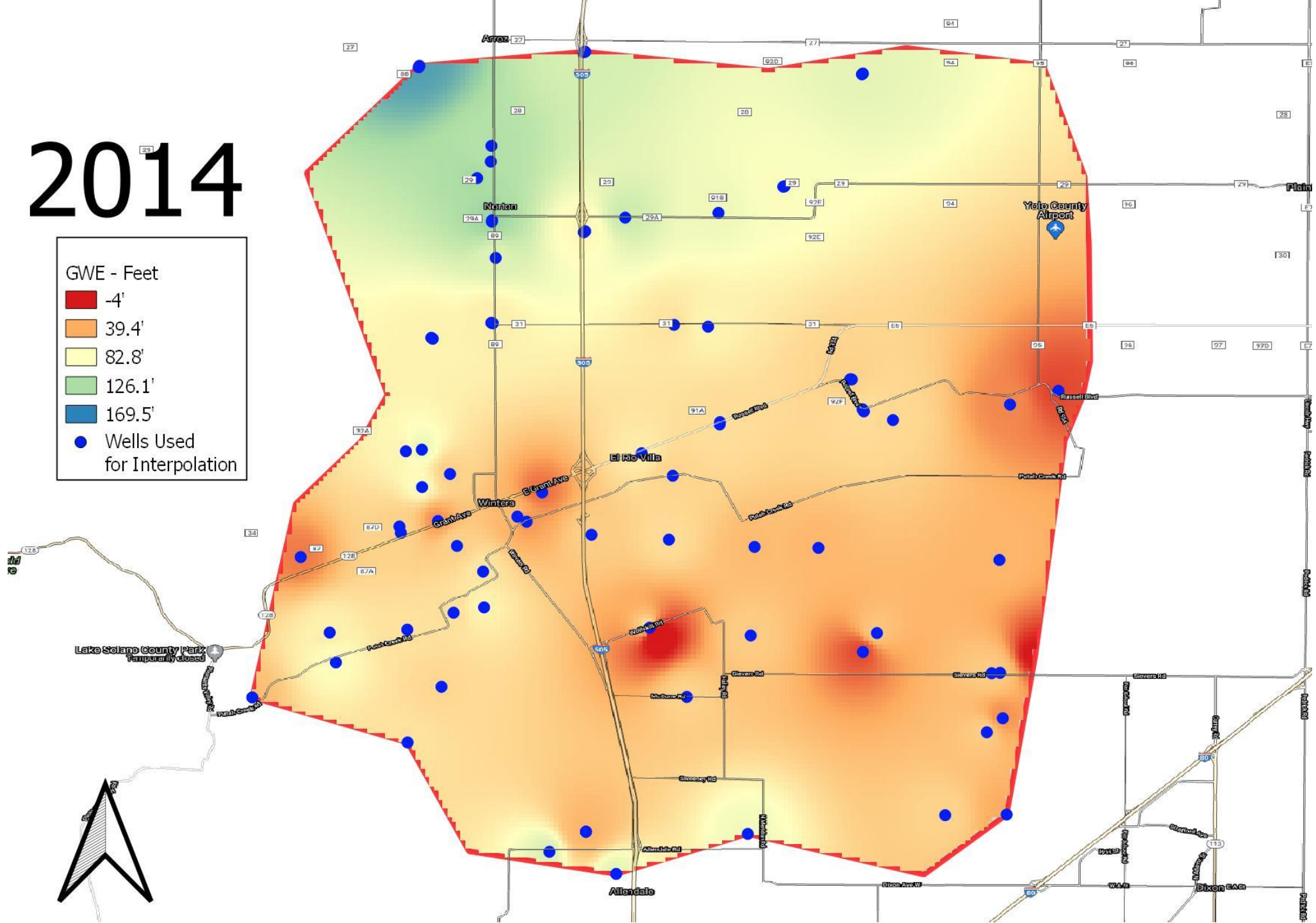
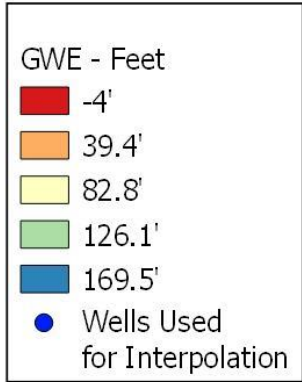


Lake Solano County Park
Temporarily closed

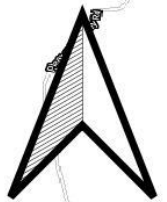
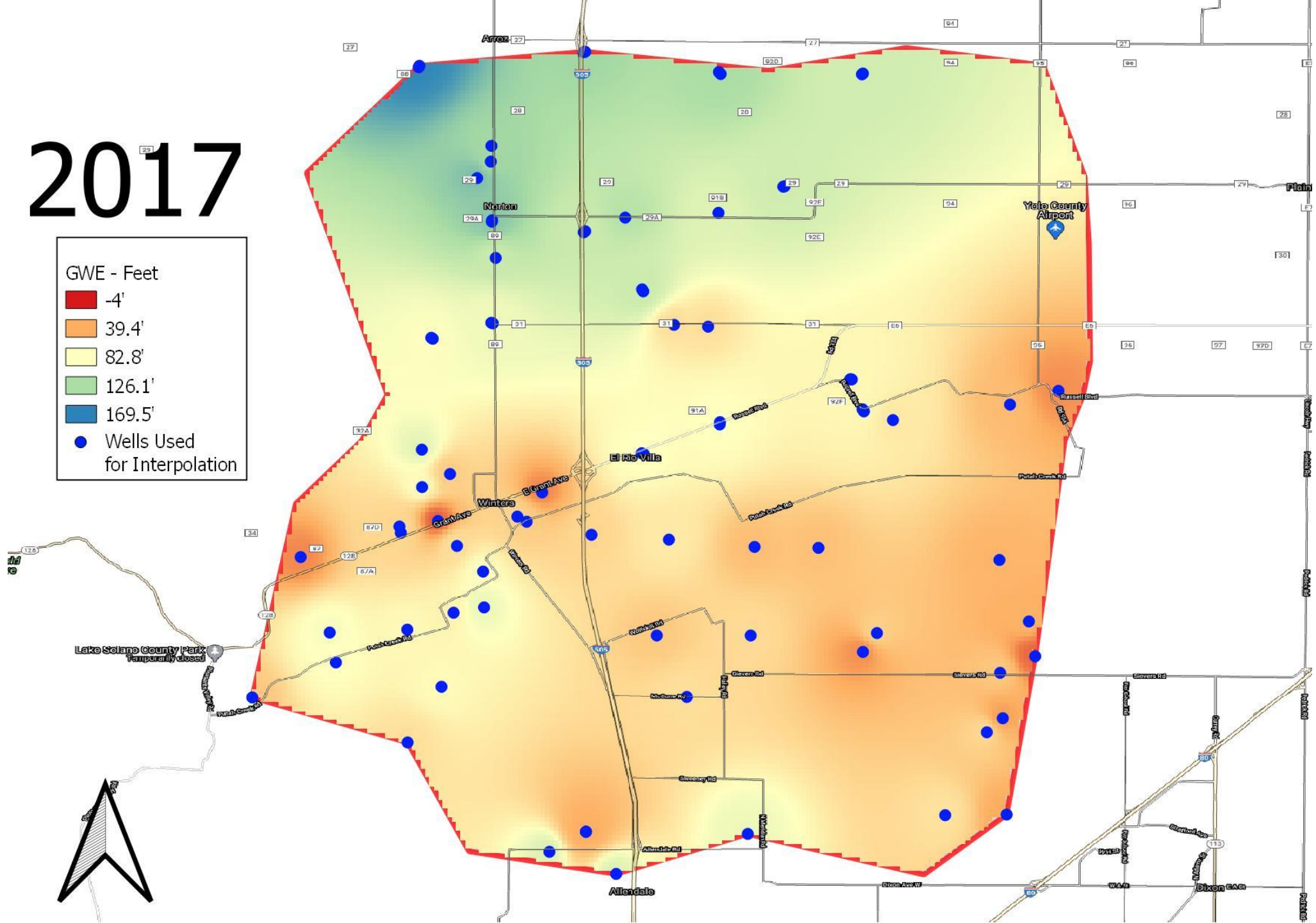
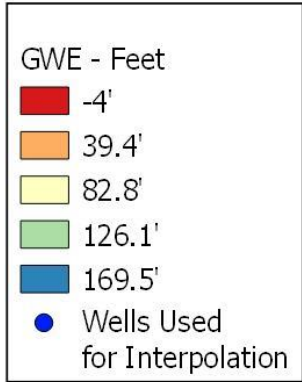
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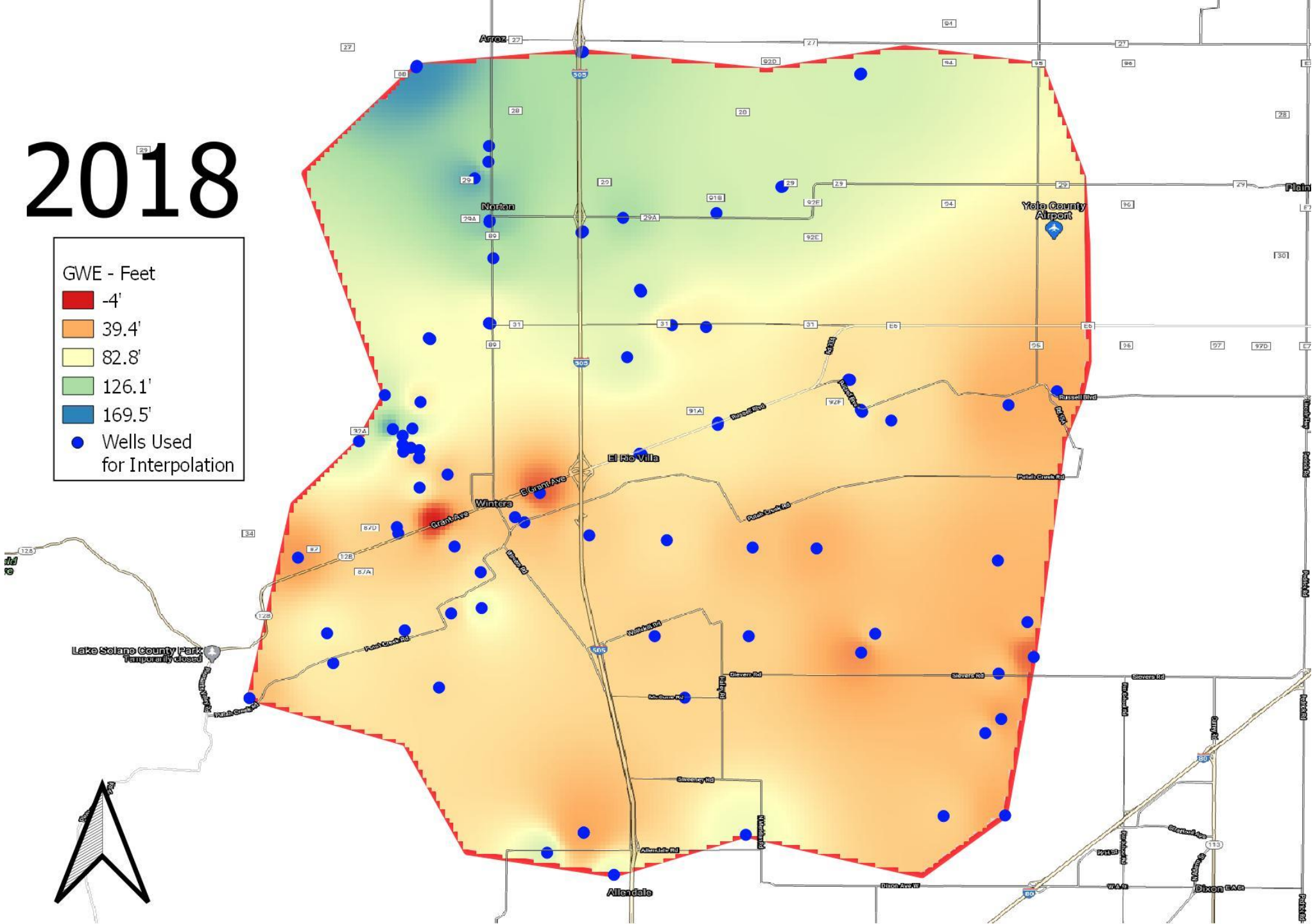
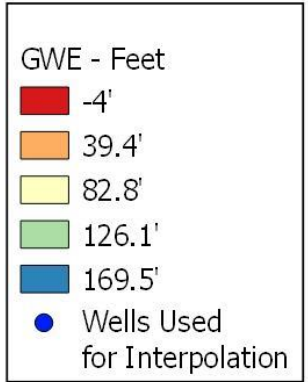


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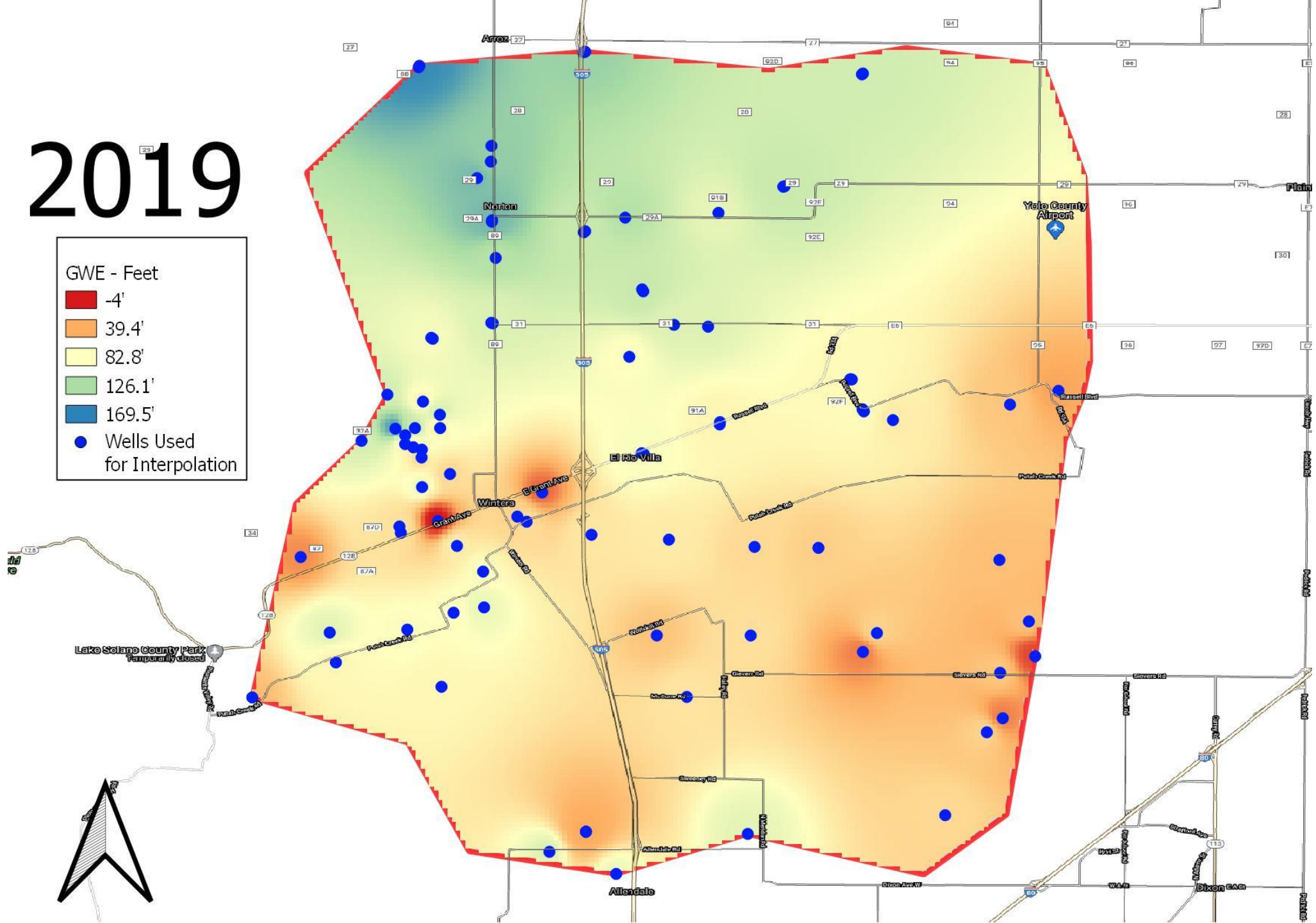
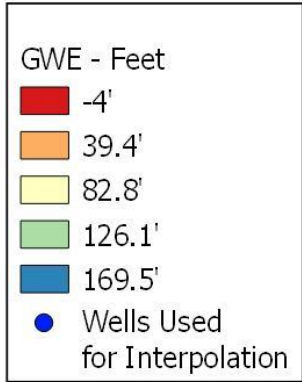


Lake Solano County Park
Temporarily closed

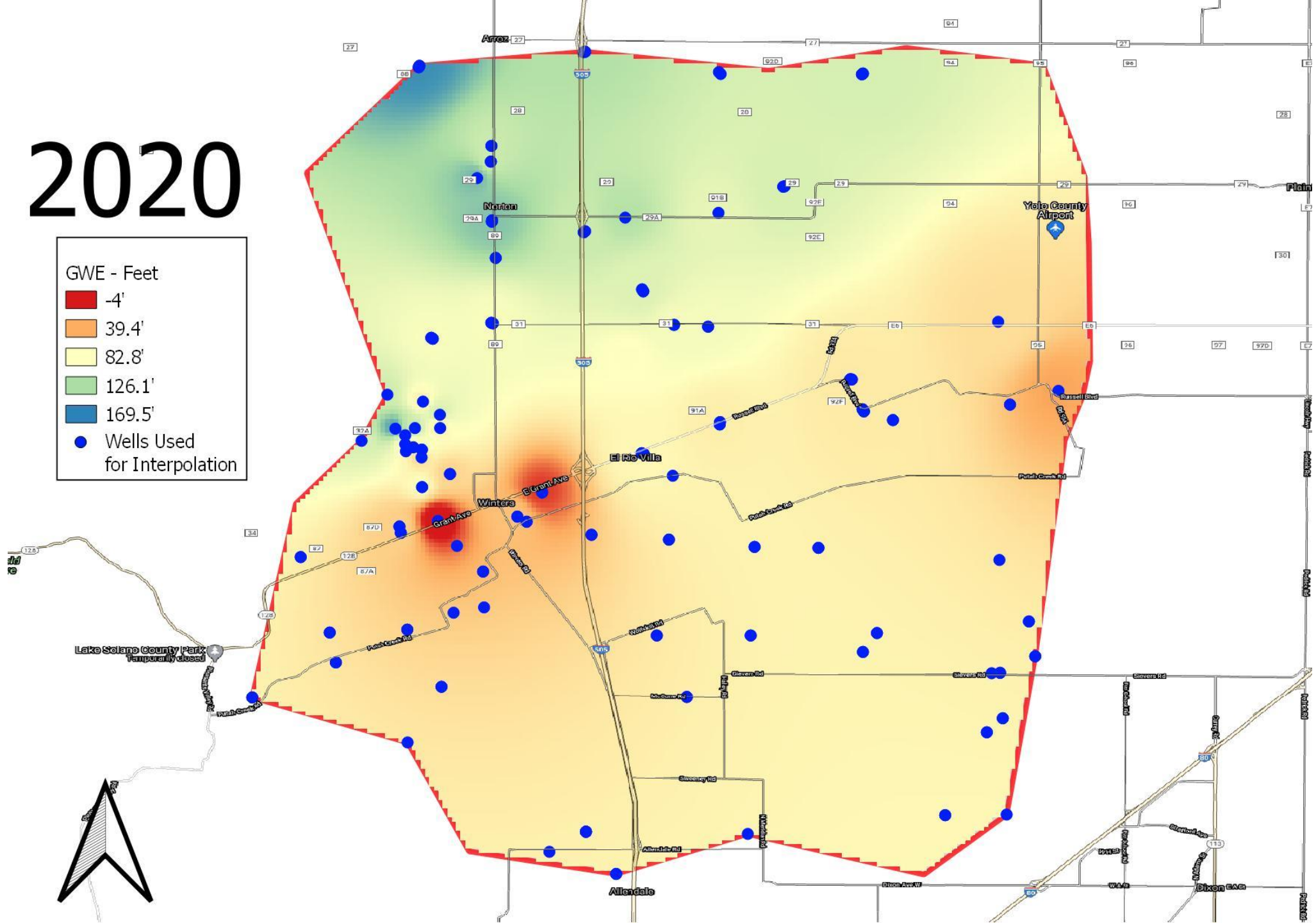
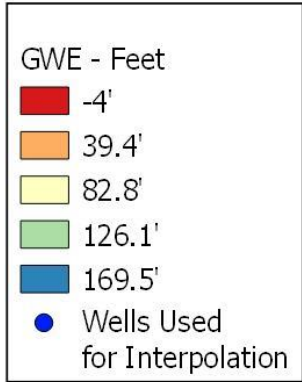
2018



2019



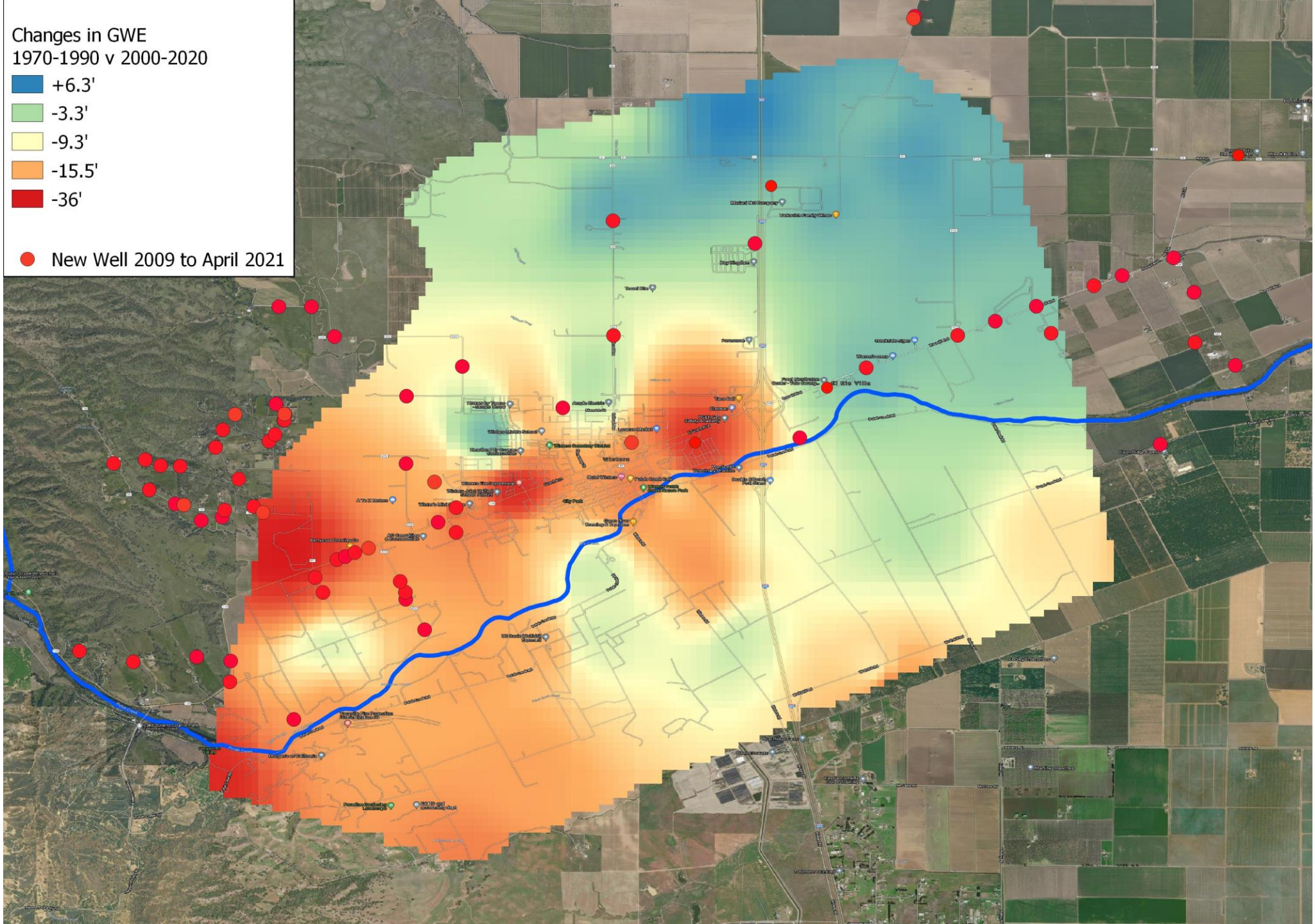
2020



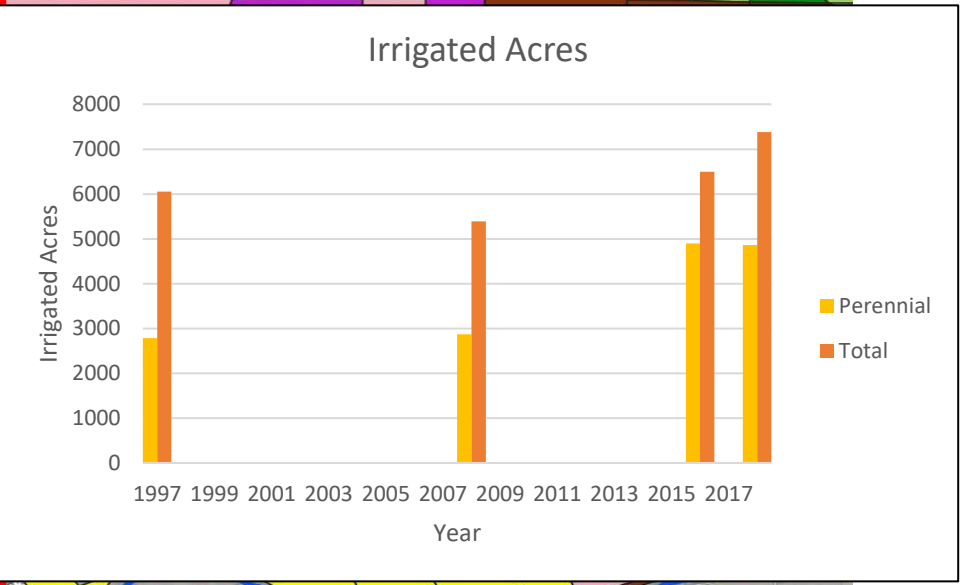
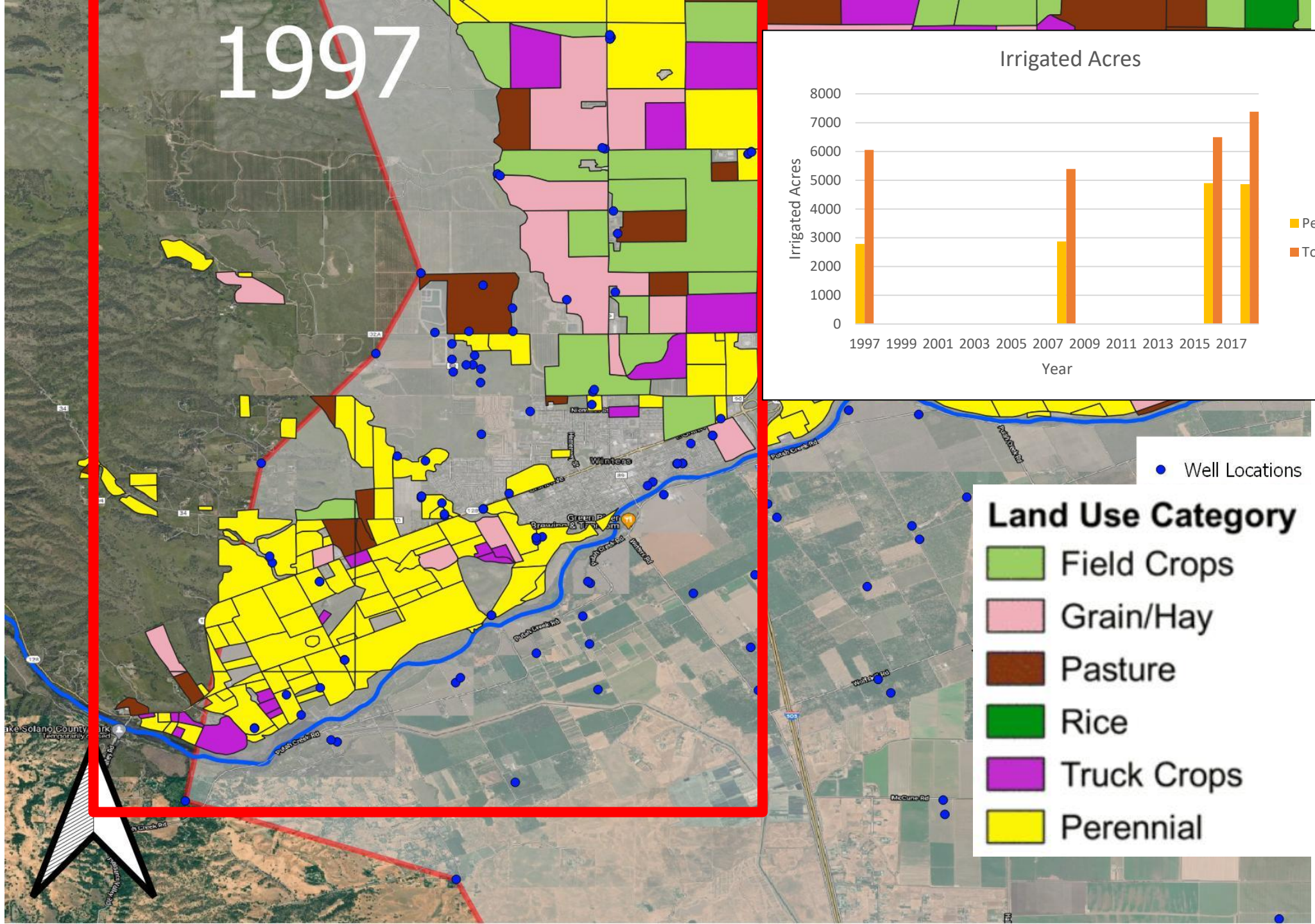
Changes in GWE
1970-1990 v 2000-2020

- +6.3'
- 3.3'
- 9.3'
- 15.5'
- 36'

● New Well 2009 to April 2021



1997

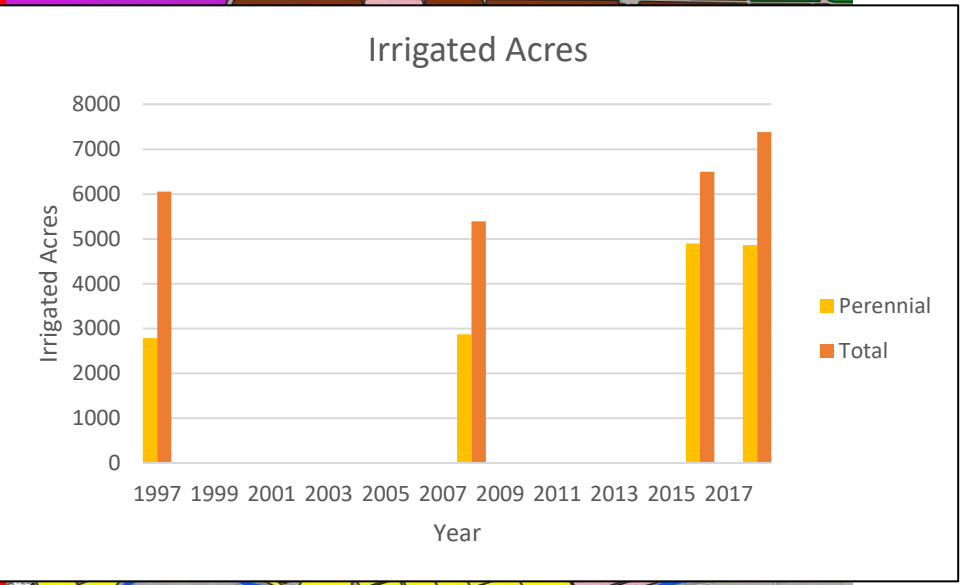
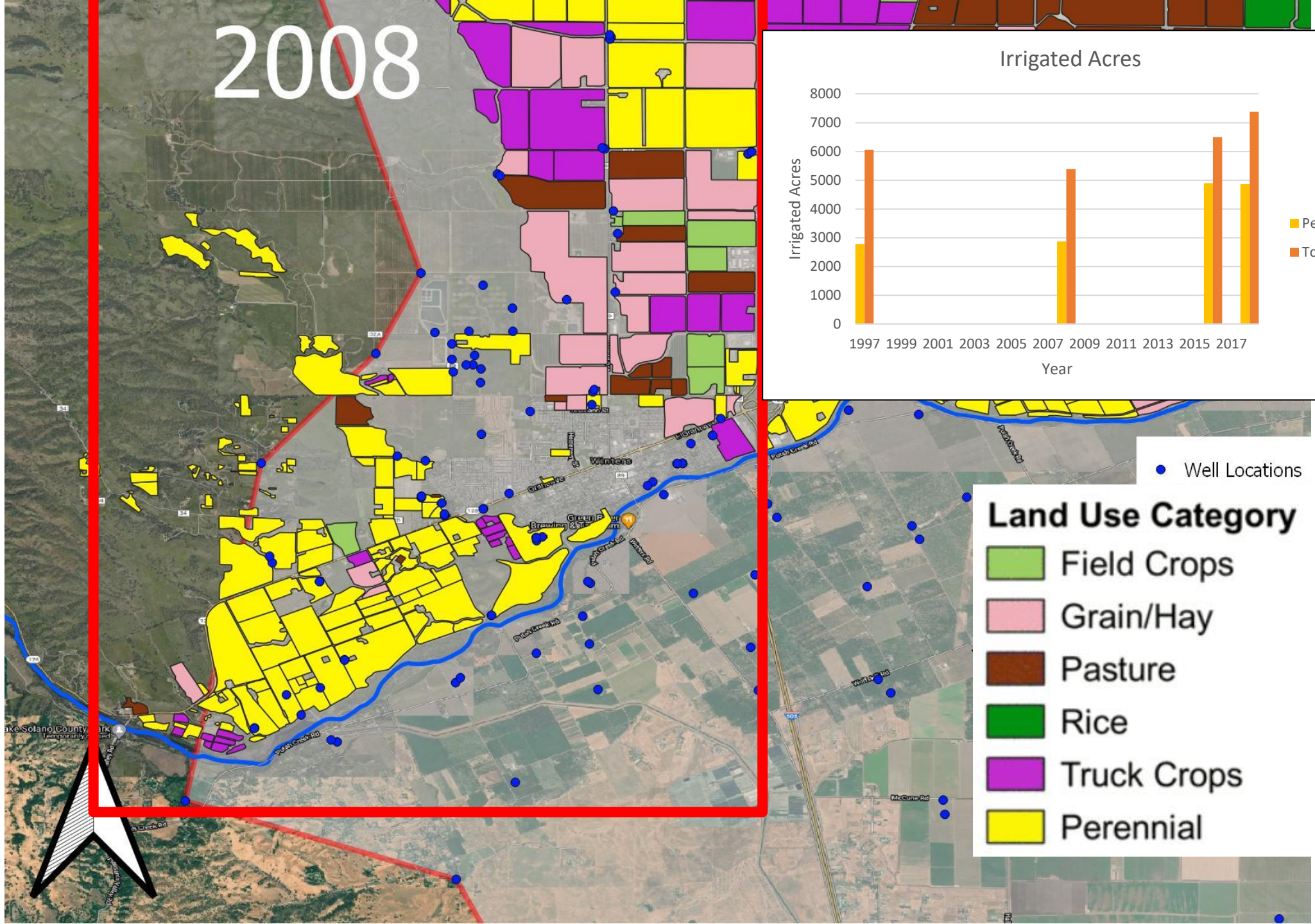


● Well Locations

Land Use Category

- Field Crops
- Grain/Hay
- Pasture
- Rice
- Truck Crops
- Perennial

2008

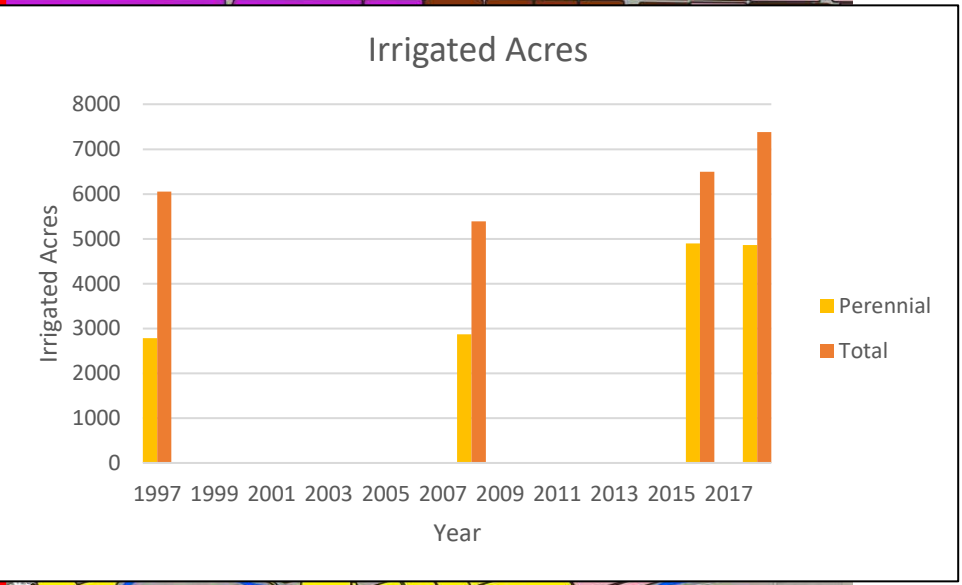
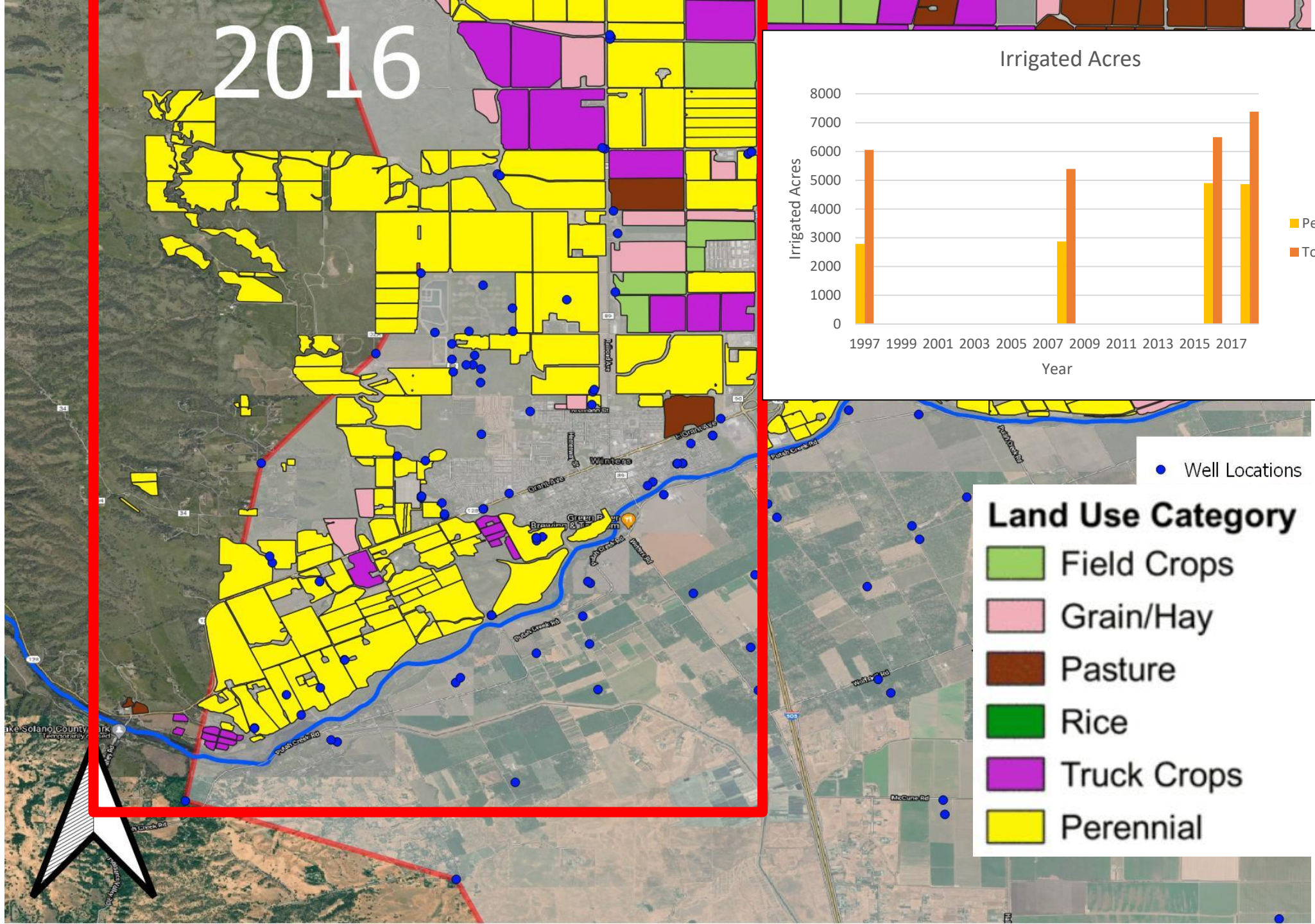


• Well Locations

Land Use Category

- Field Crops
- Grain/Hay
- Pasture
- Rice
- Truck Crops
- Perennial

2016



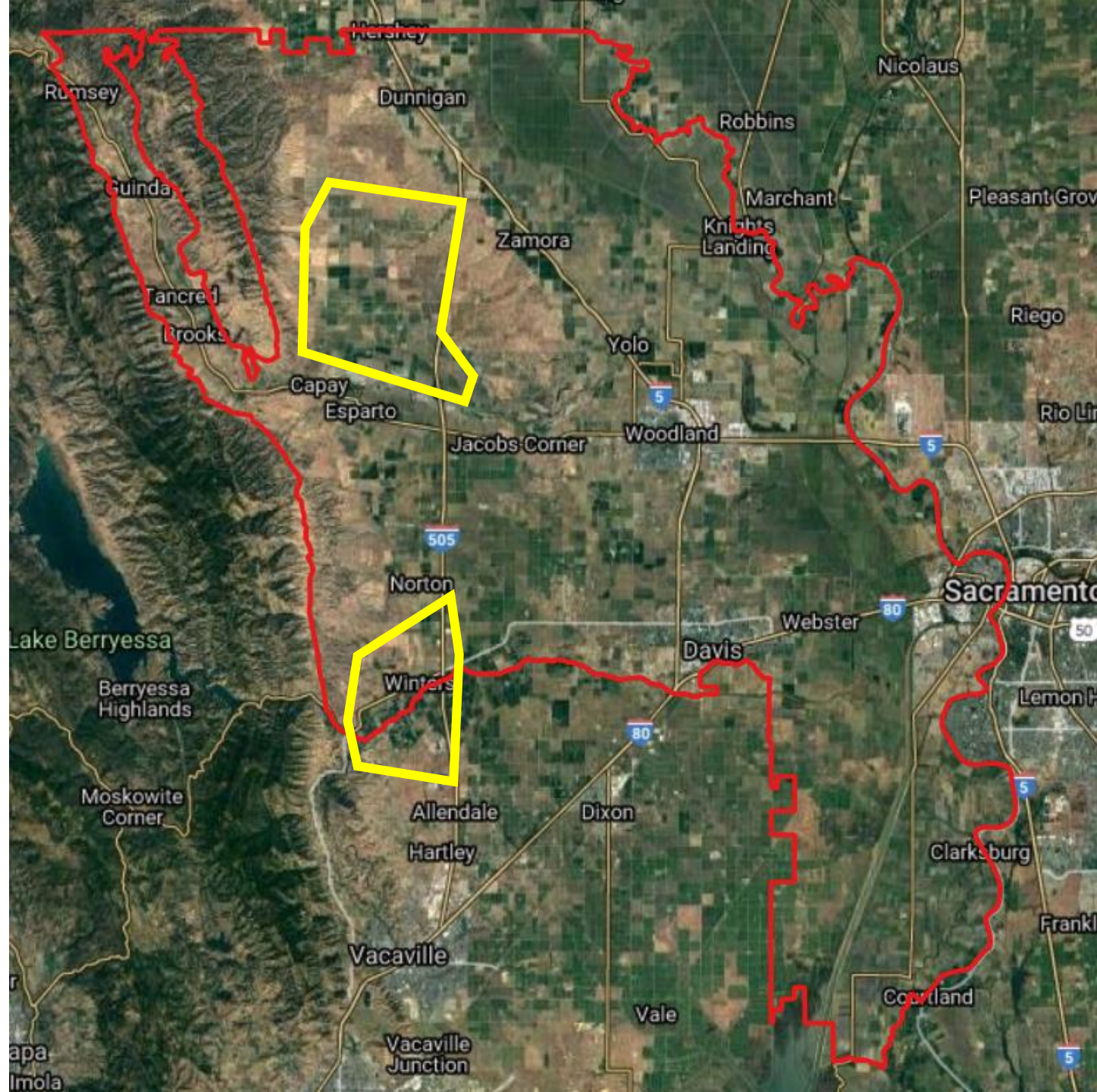
• Well Locations

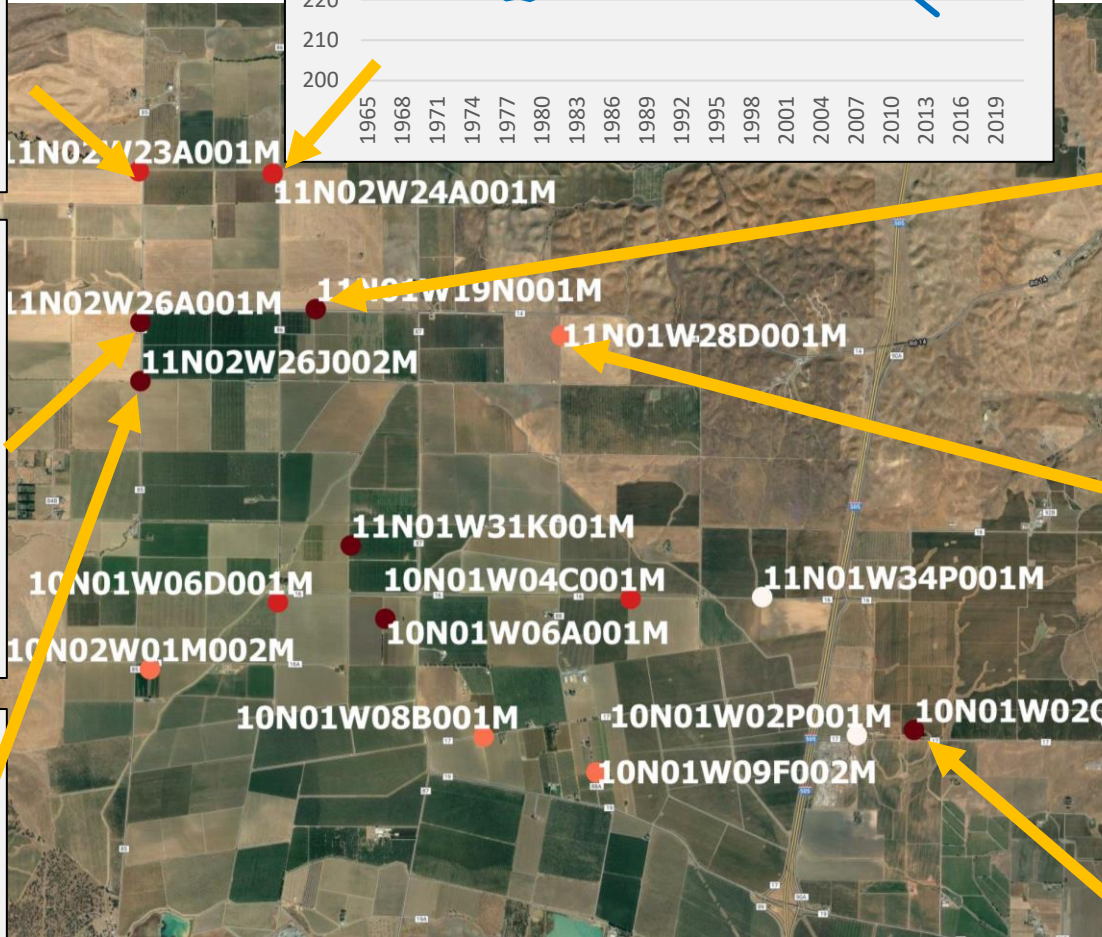
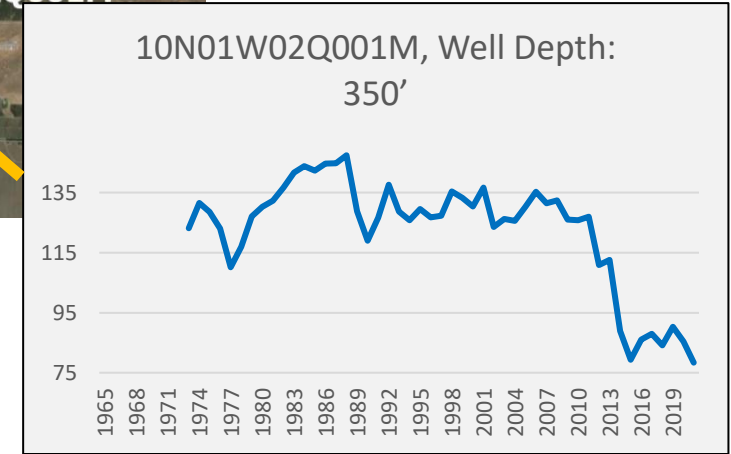
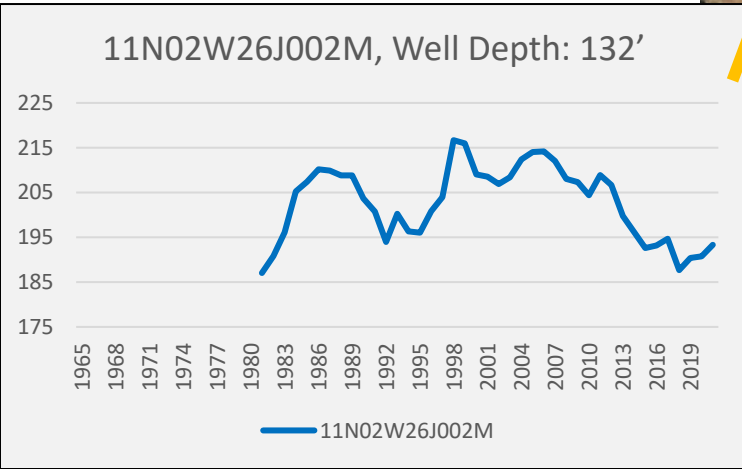
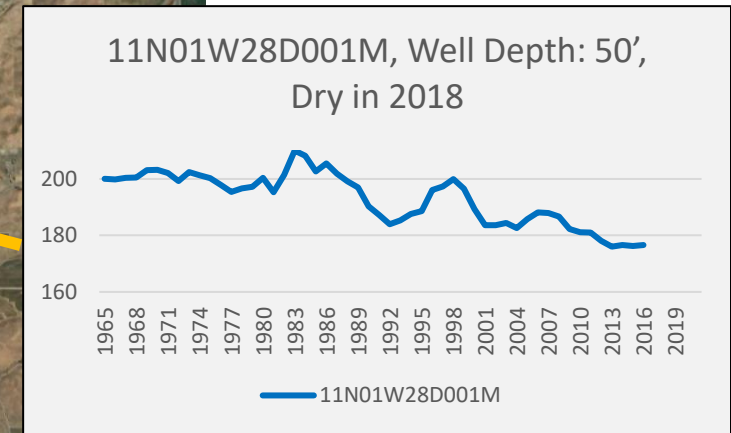
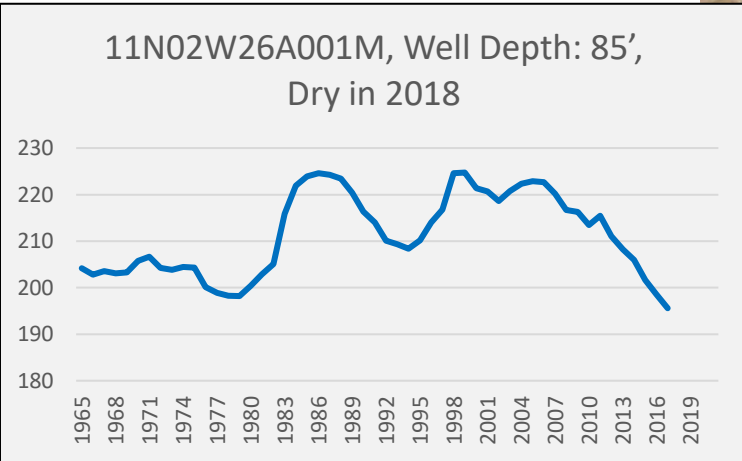
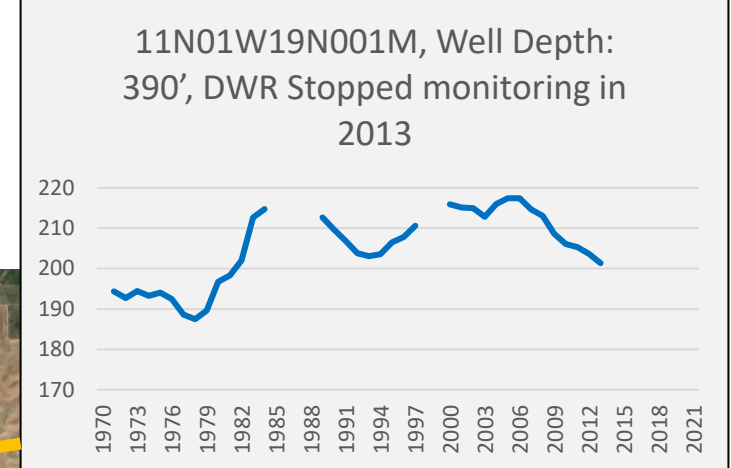
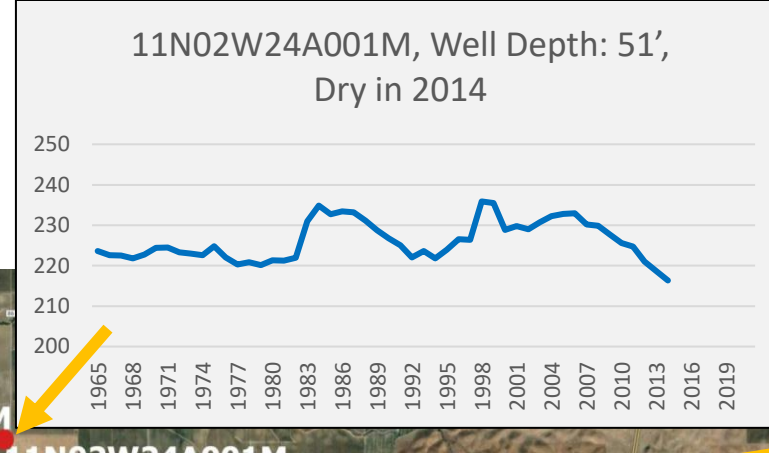
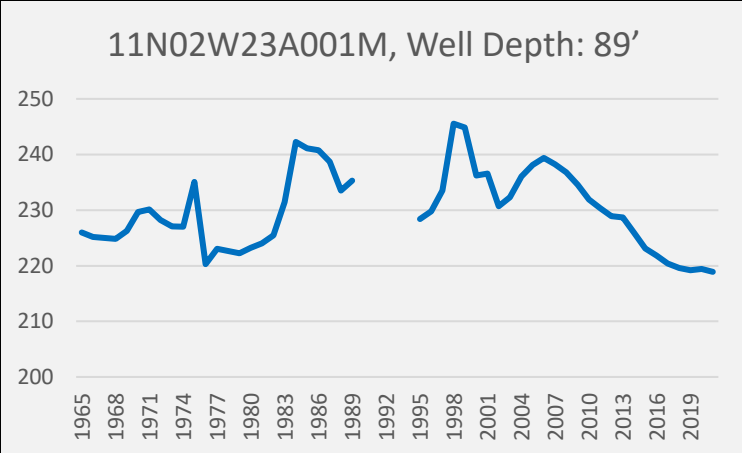
Land Use Category

- Field Crops
- Grain/Hay
- Pasture
- Rice
- Truck Crops
- Perennial

Hungry Hollow

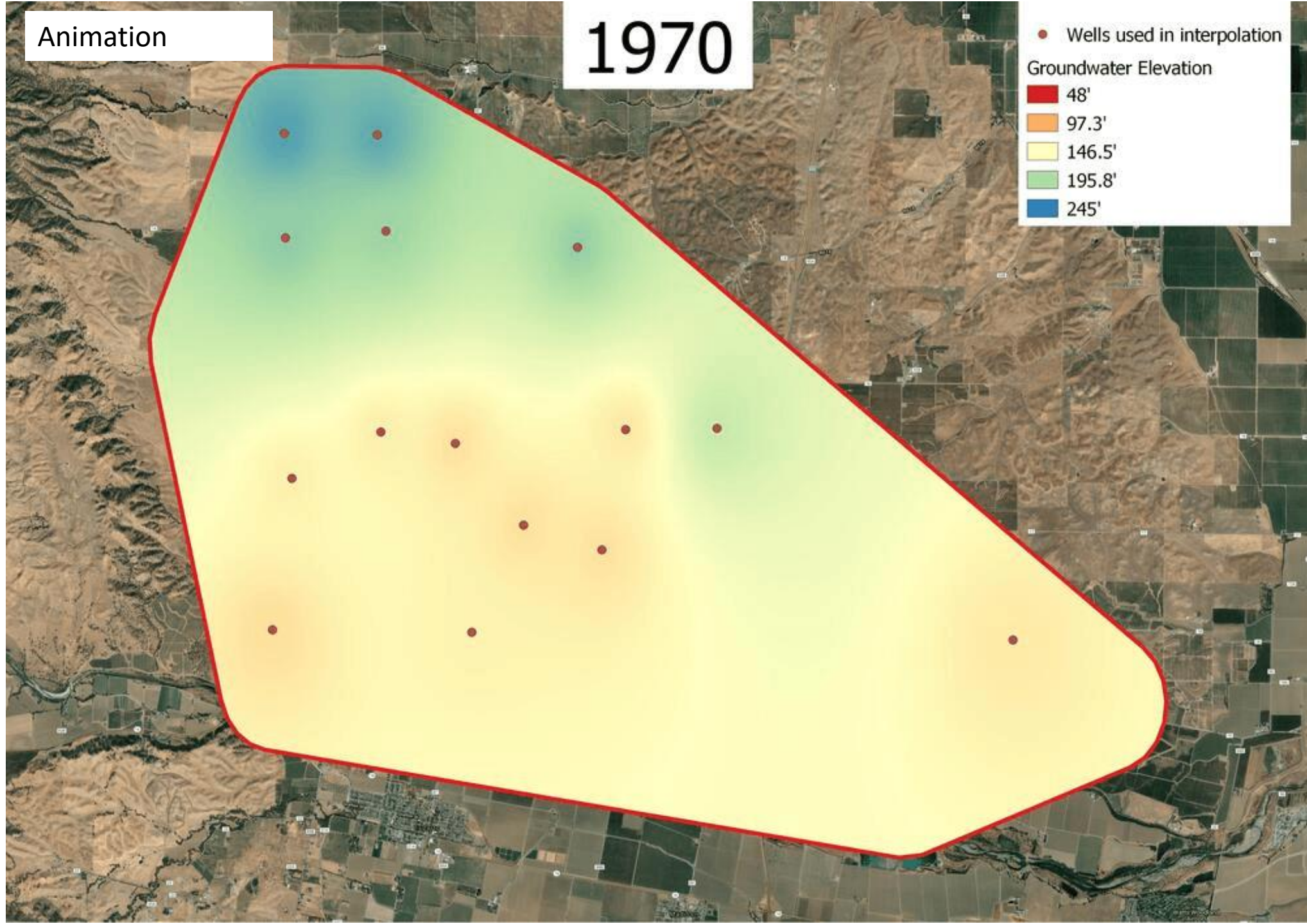
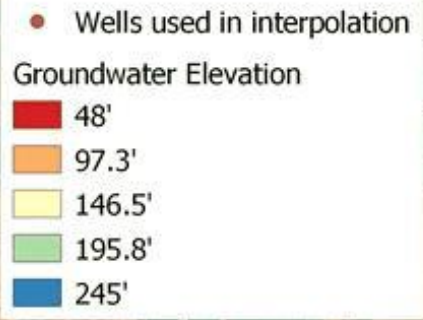
Winters Area



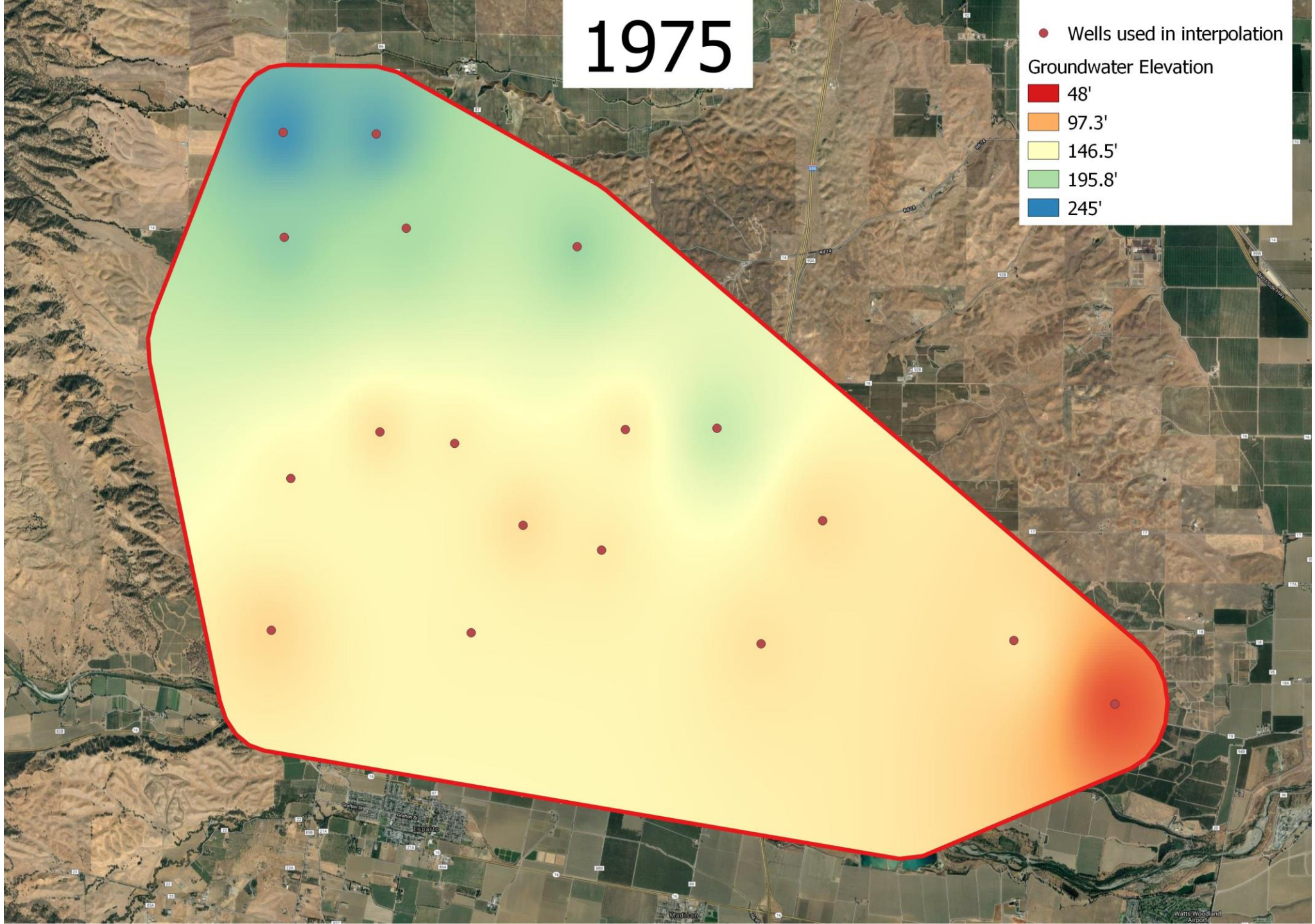


Animation

1970



1975

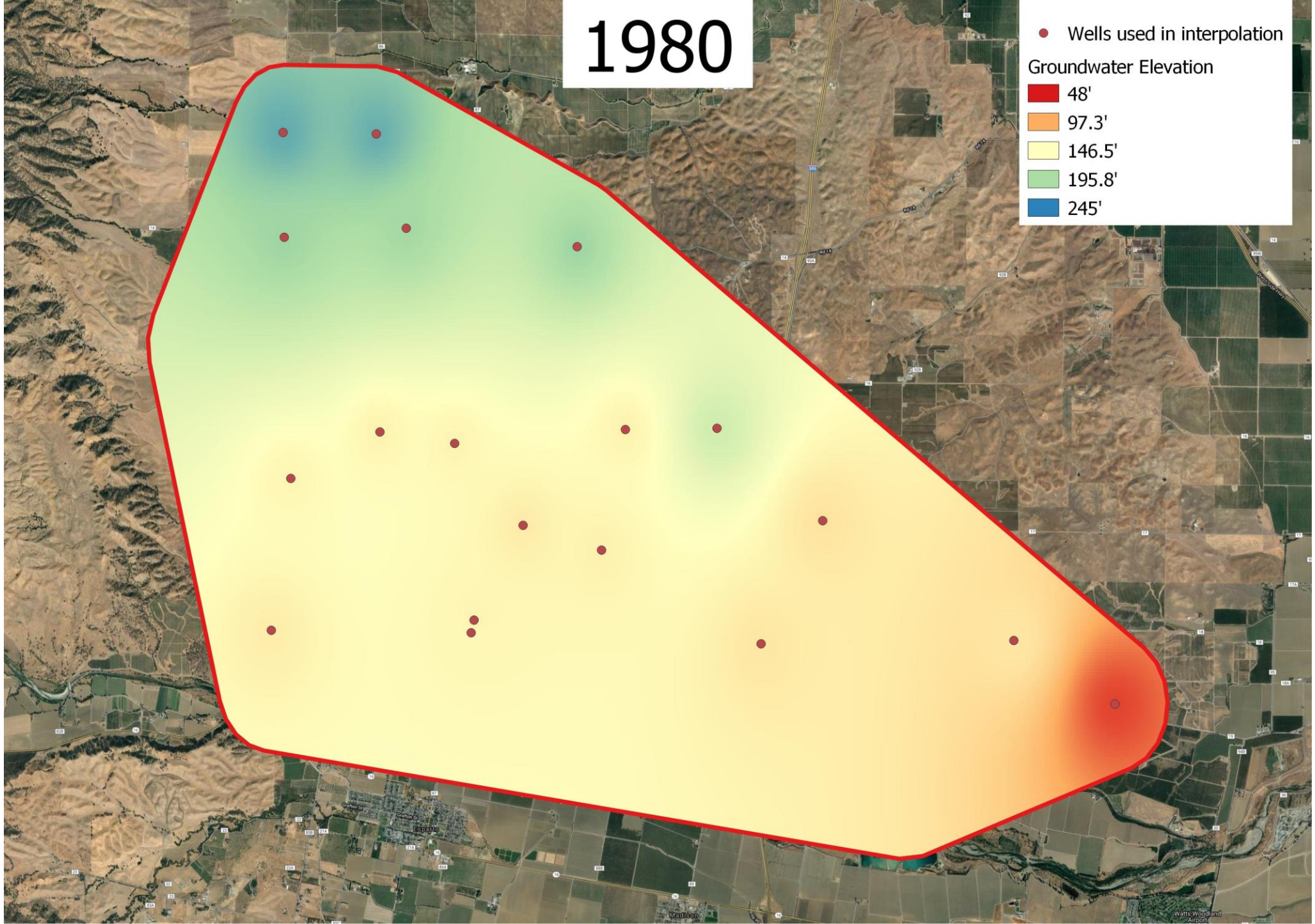


1980

● Wells used in interpolation

Groundwater Elevation

- 48'
- 97.3'
- 146.5'
- 195.8'
- 245'

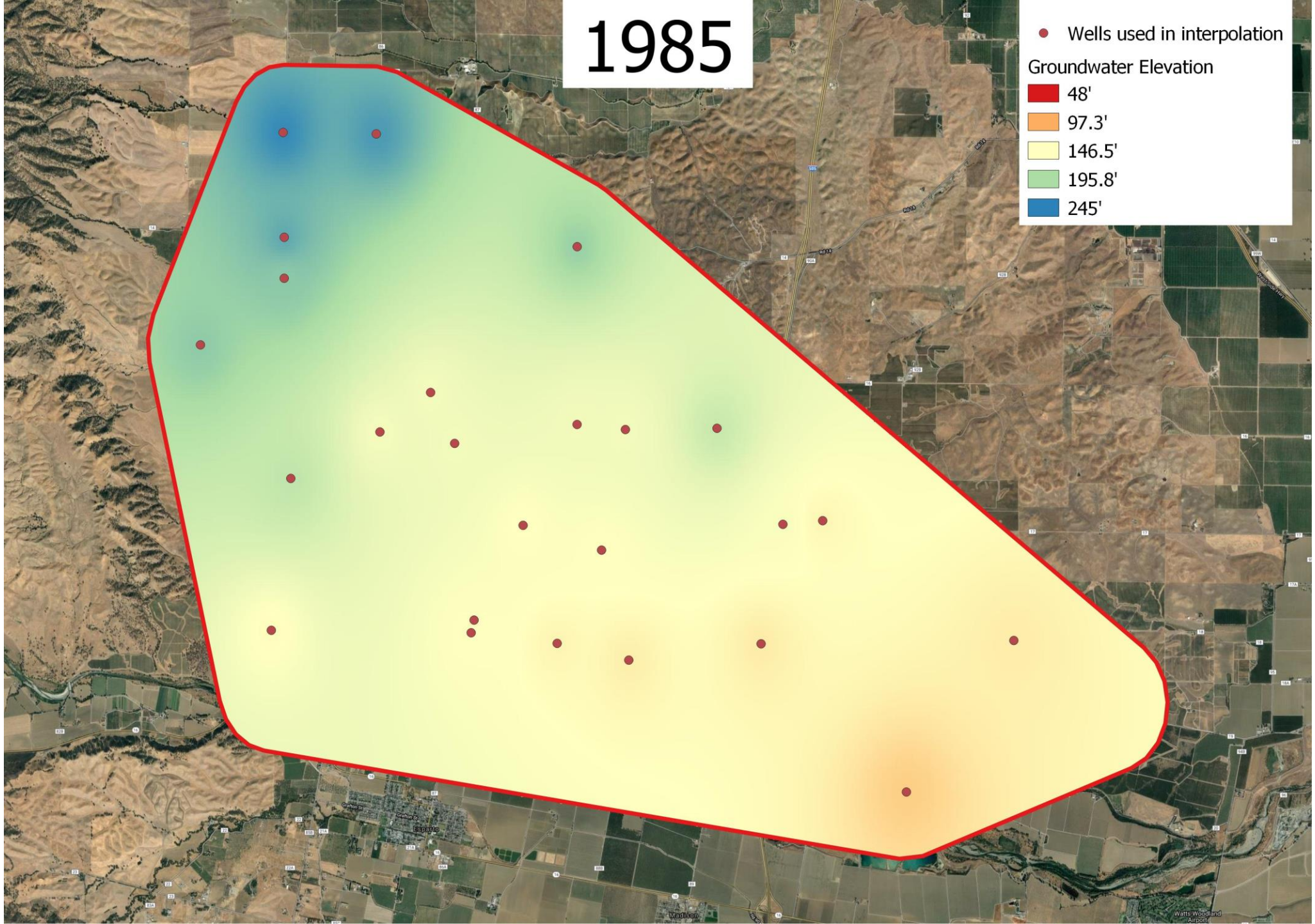


1985

● Wells used in interpolation

Groundwater Elevation

- 48'
- 97.3'
- 146.5'
- 195.8'
- 245'

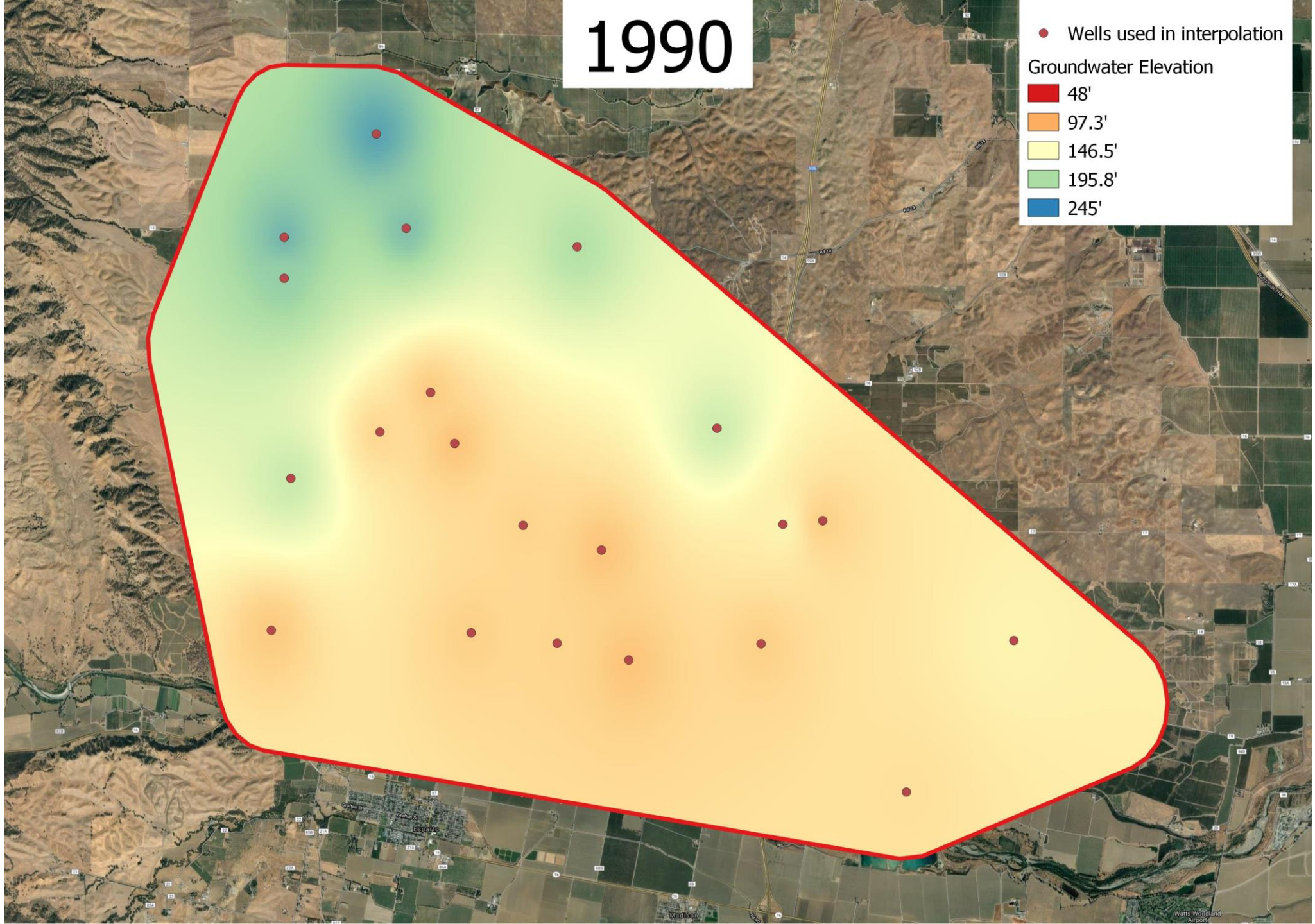


1990

● Wells used in interpolation

Groundwater Elevation

- 48'
- 97.3'
- 146.5'
- 195.8'
- 245'

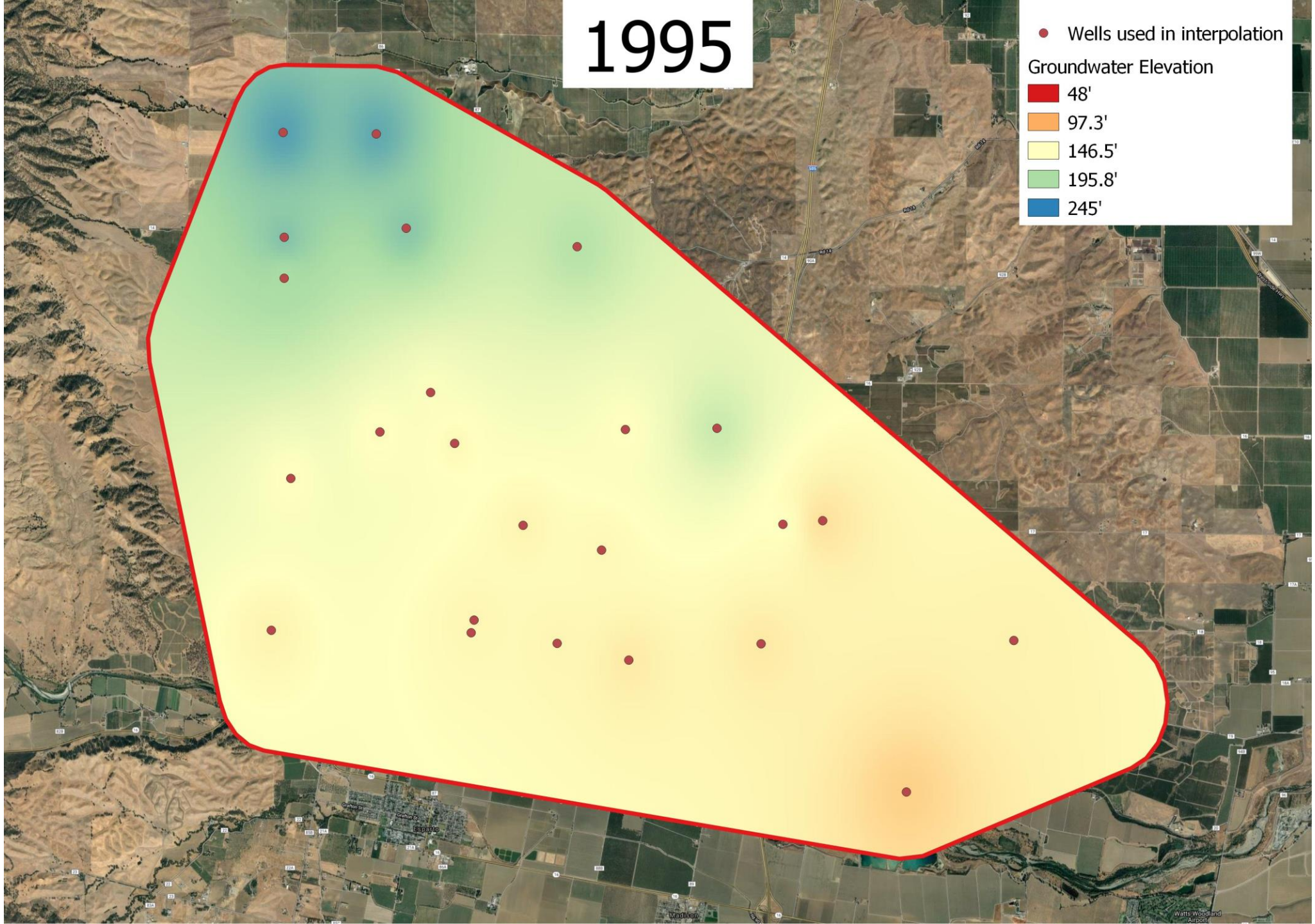


1995

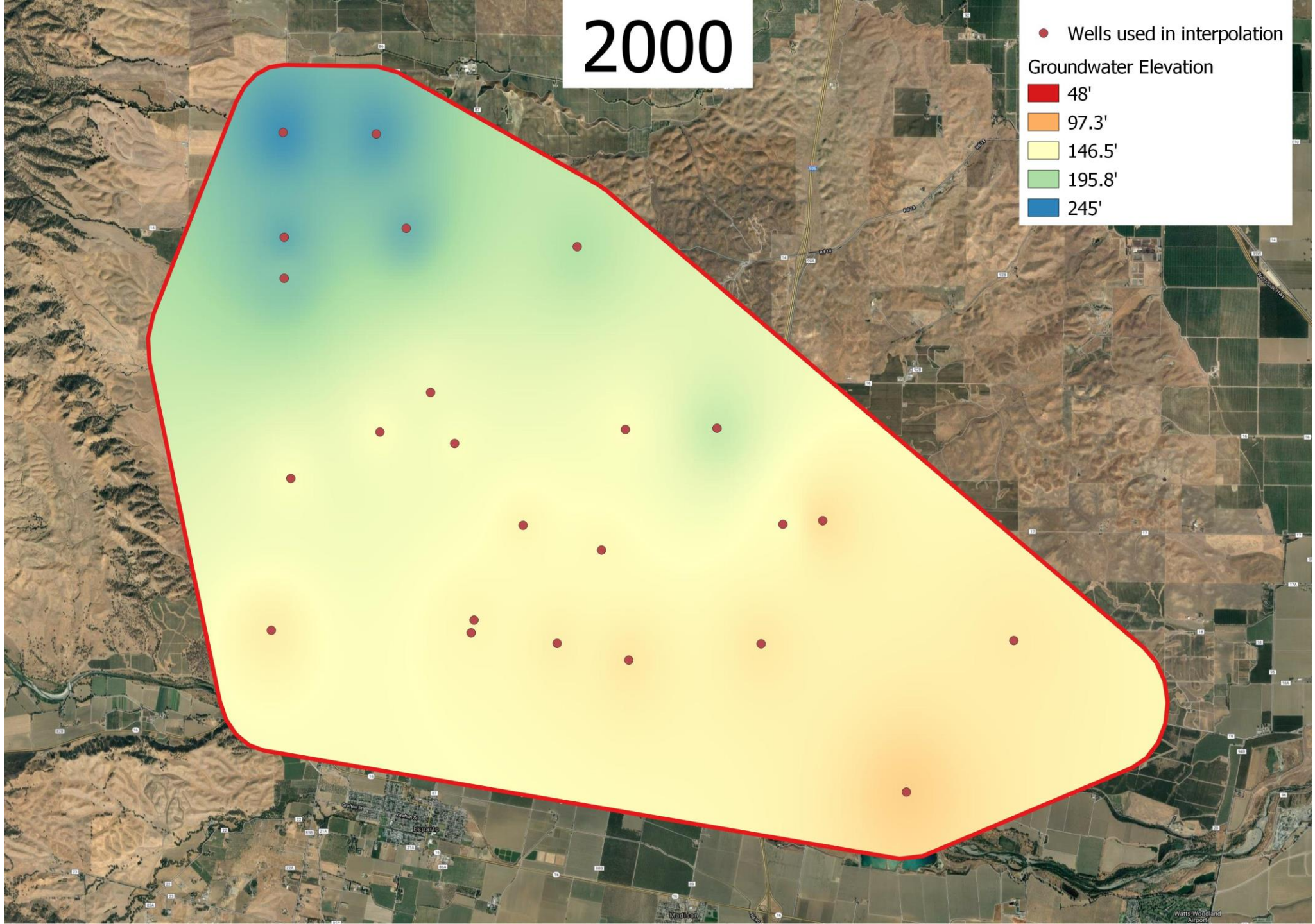
• Wells used in interpolation

Groundwater Elevation

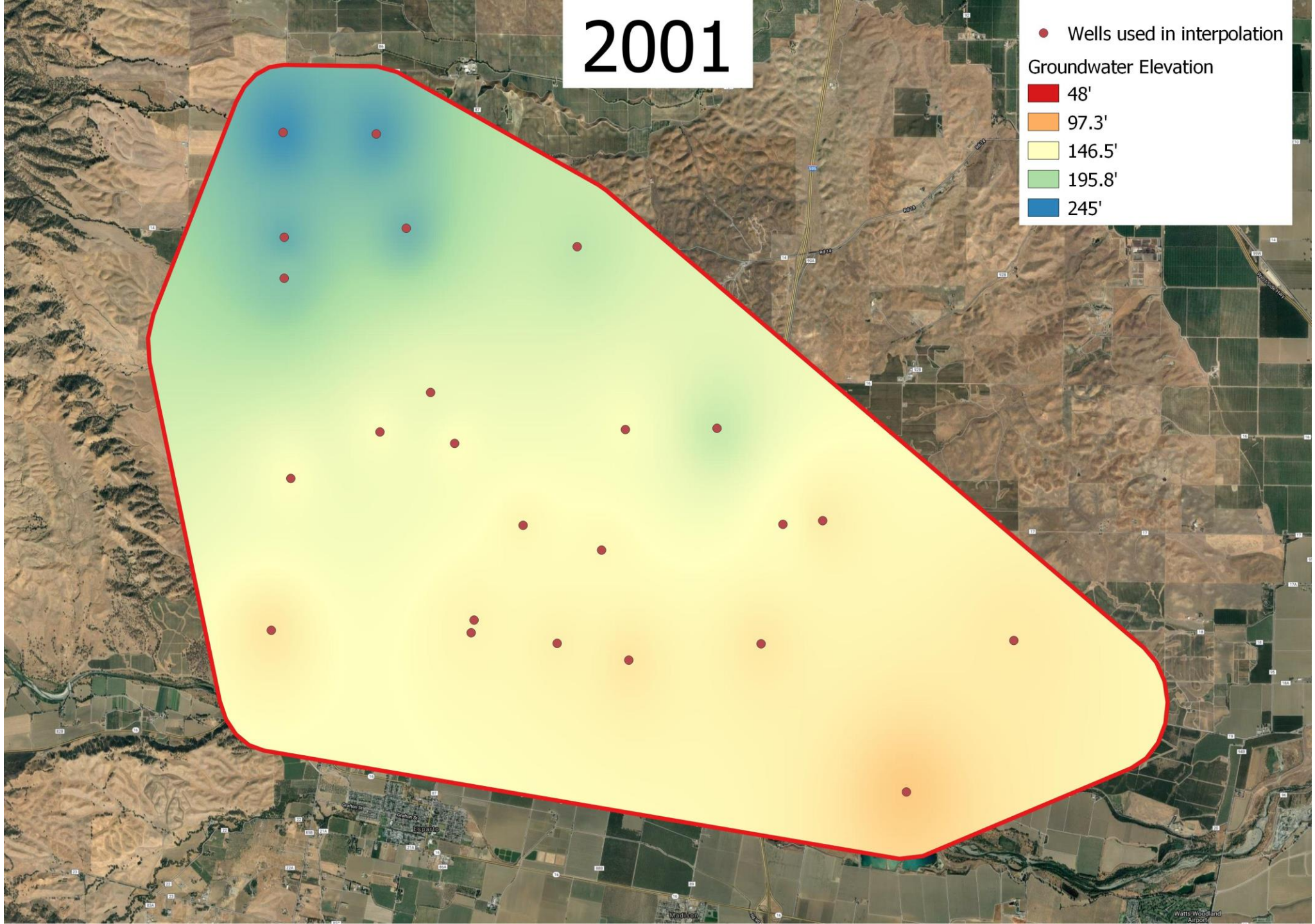
- 48'
- 97.3'
- 146.5'
- 195.8'
- 245'



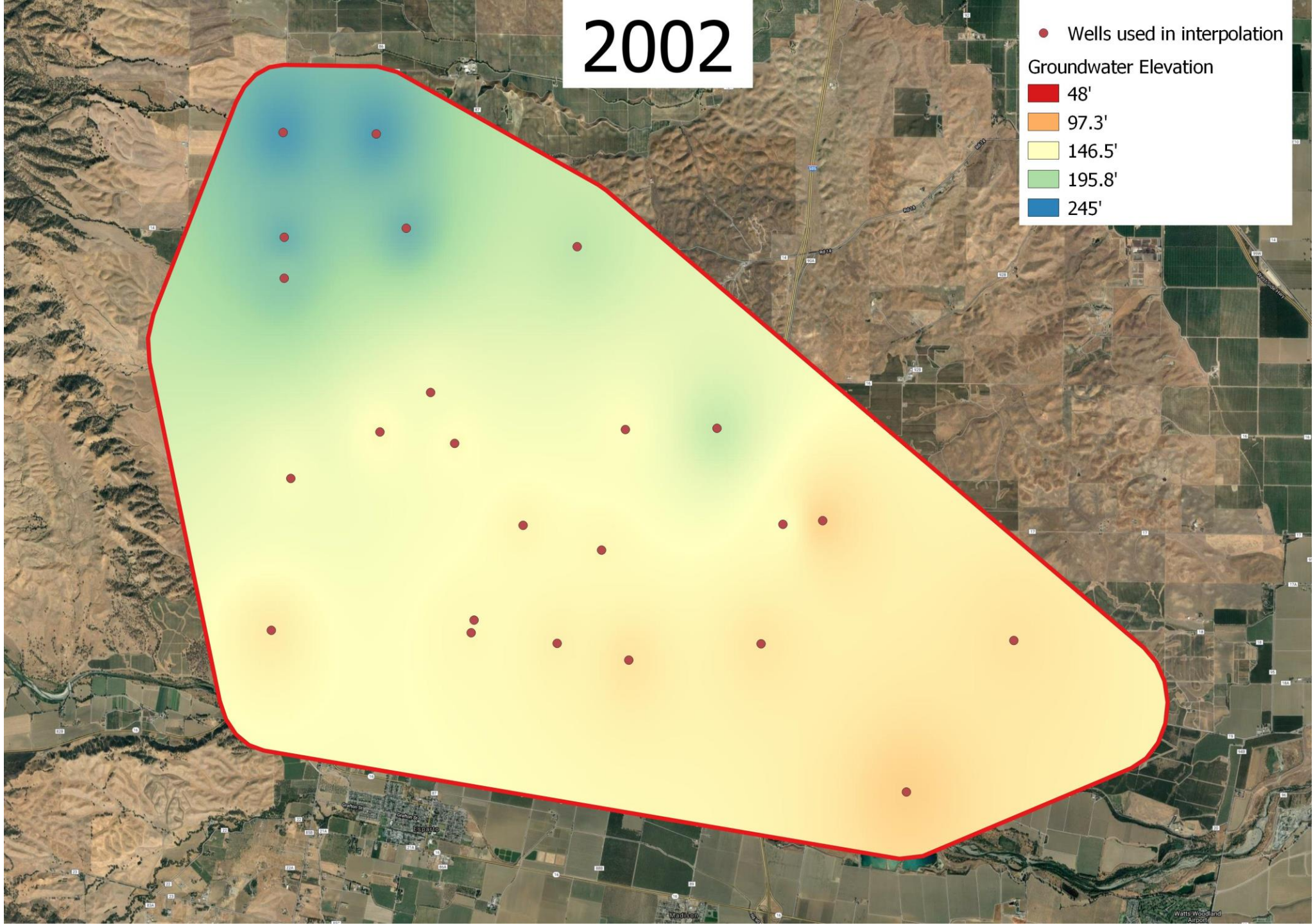
2000



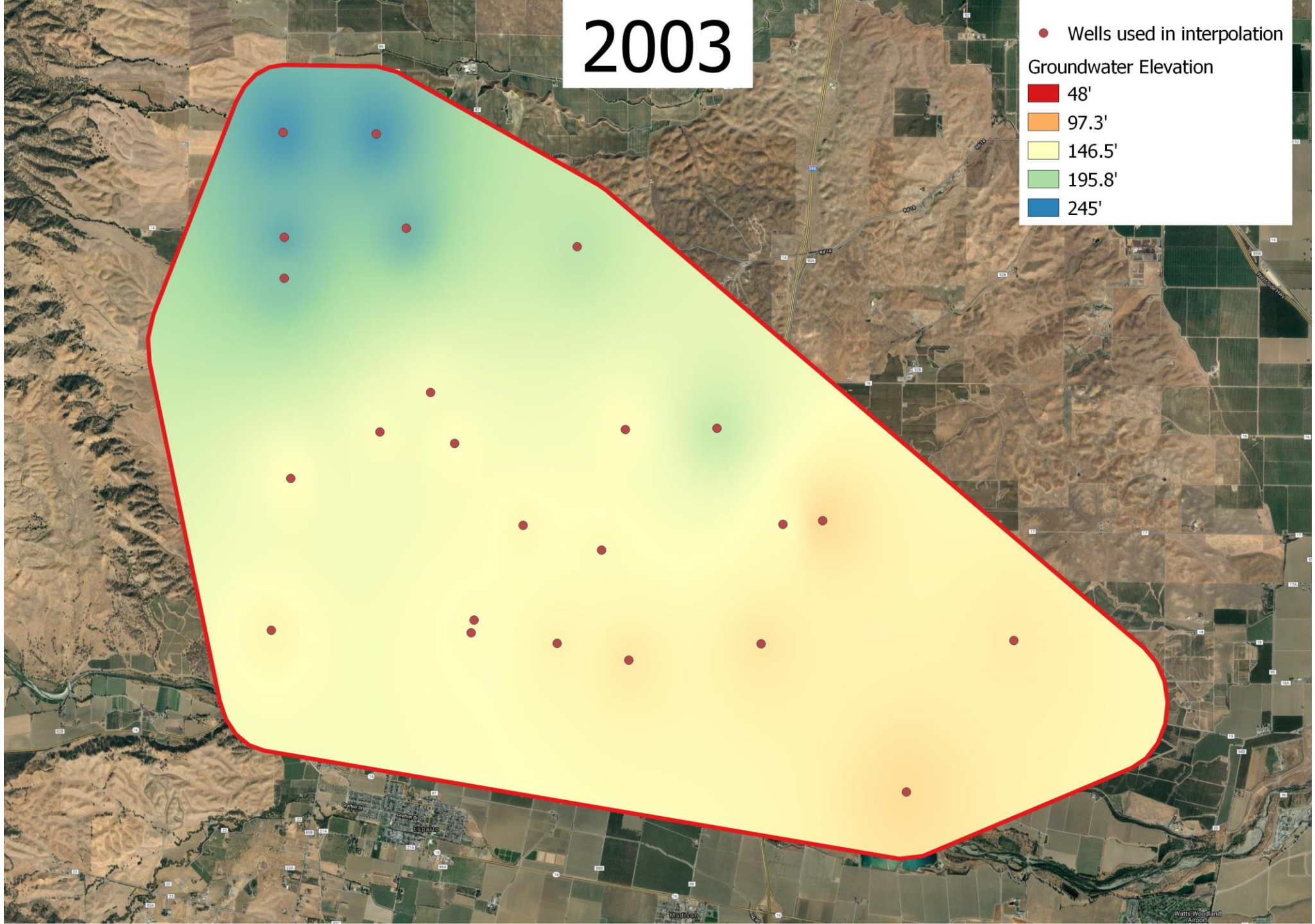
2001



2002



2003

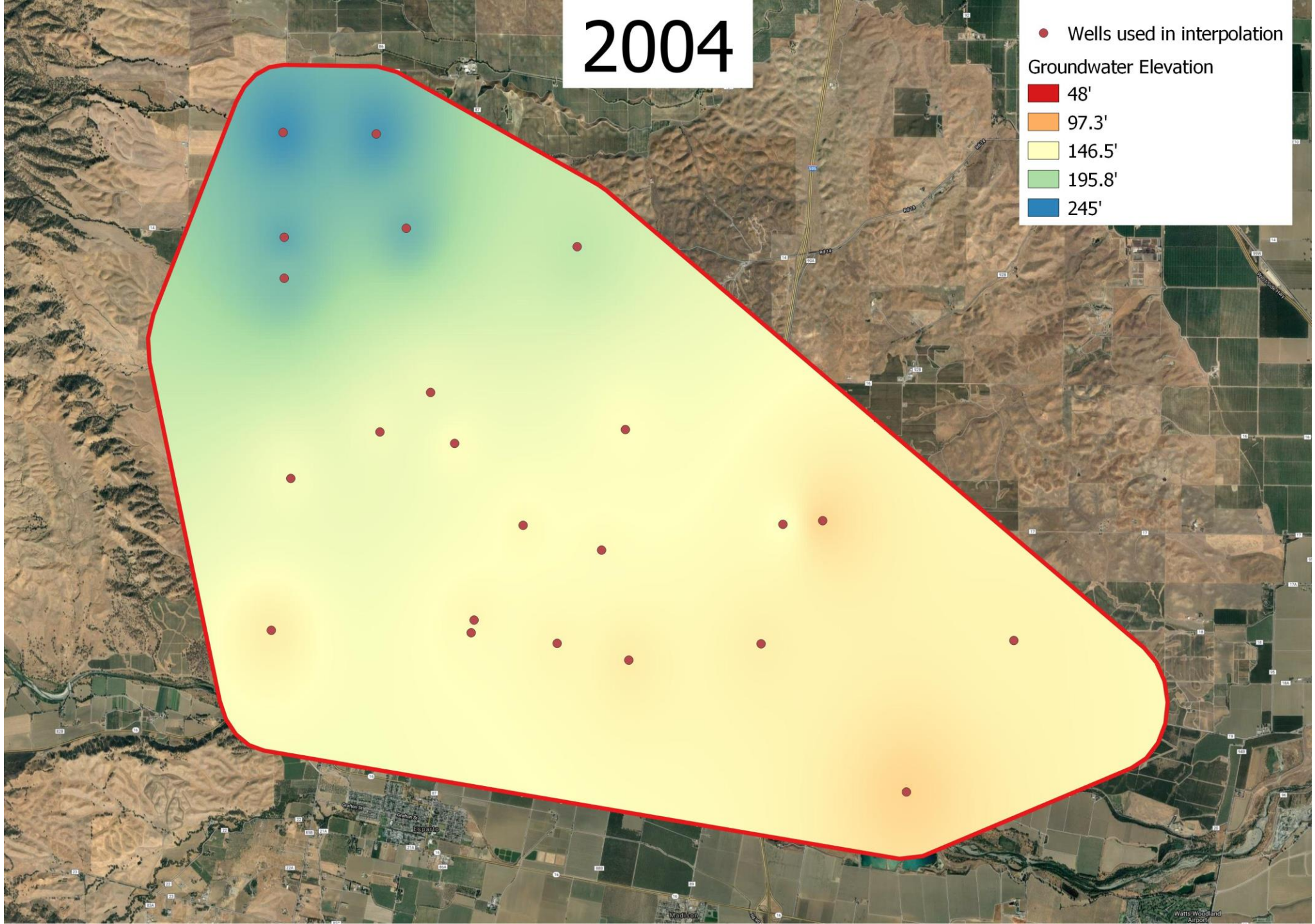


2004

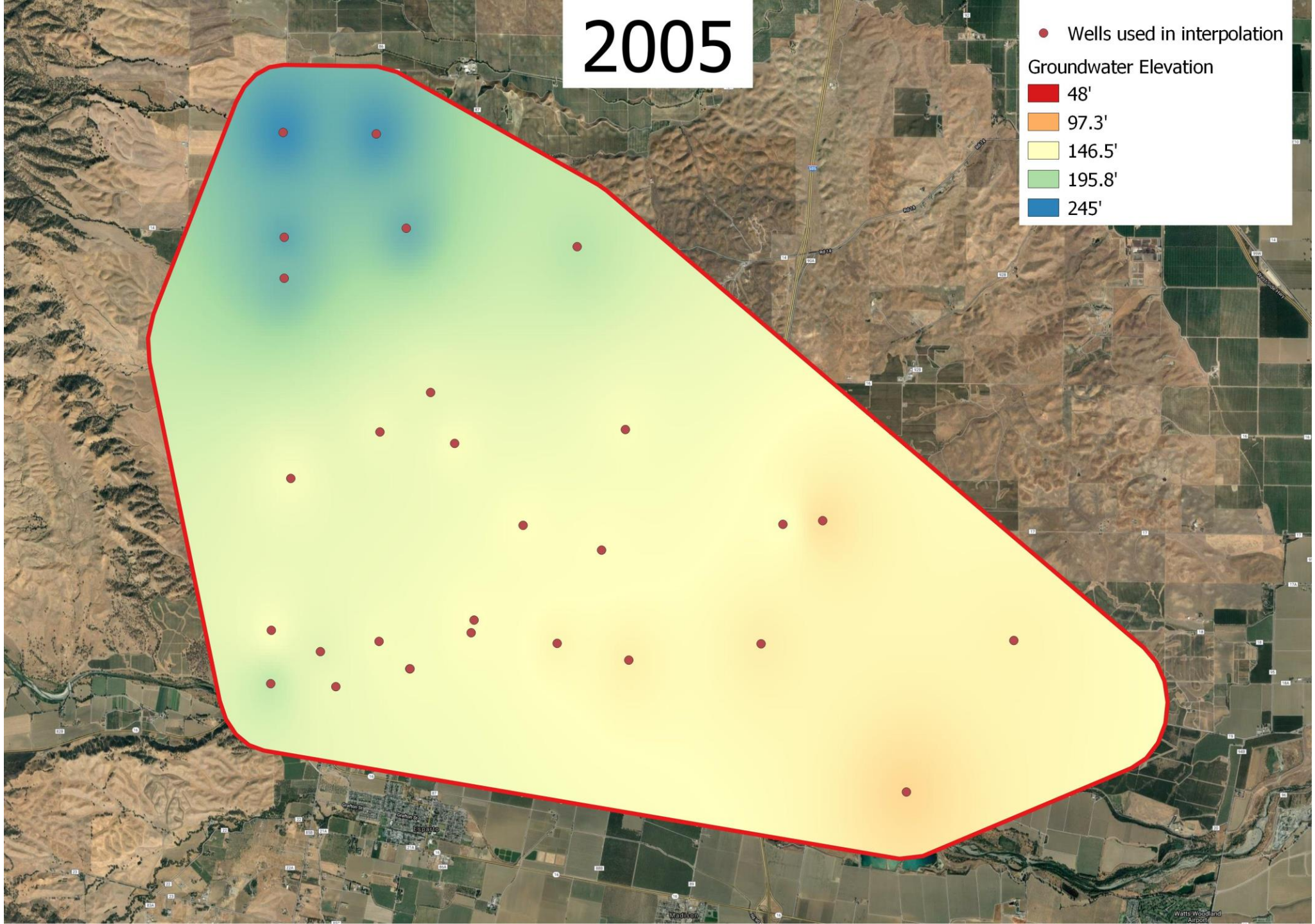
● Wells used in interpolation

Groundwater Elevation

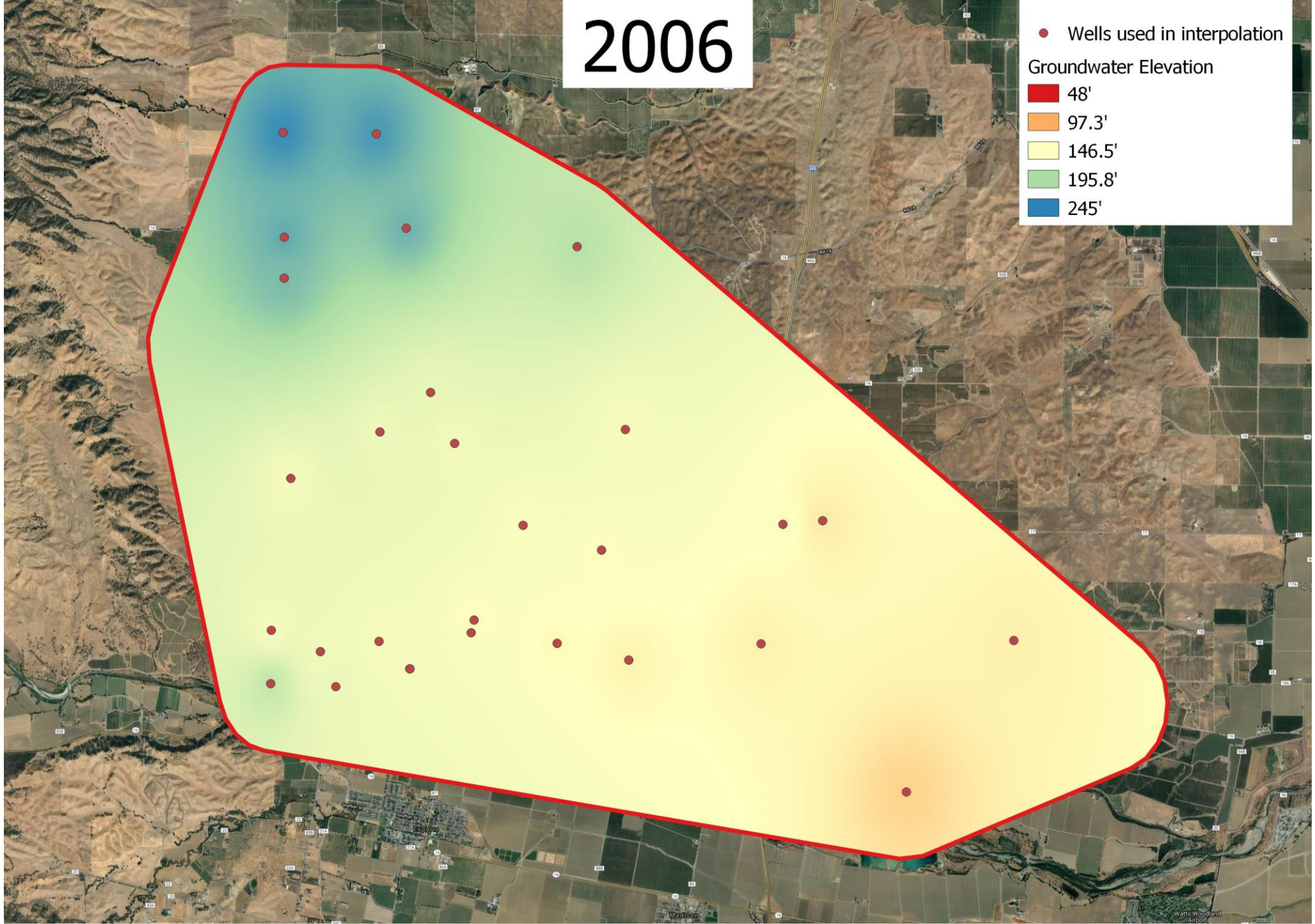
- 48'
- 97.3'
- 146.5'
- 195.8'
- 245'



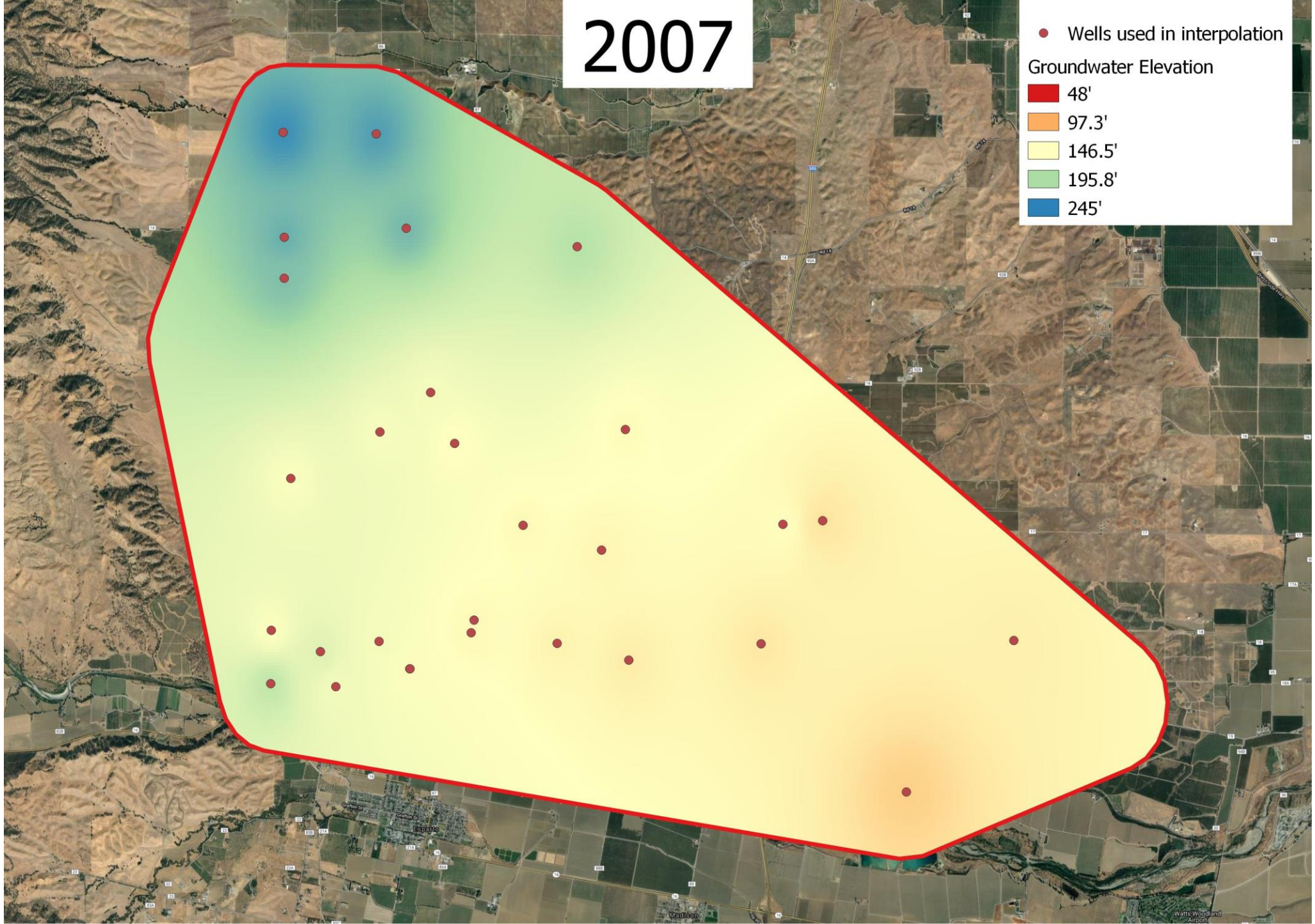
2005



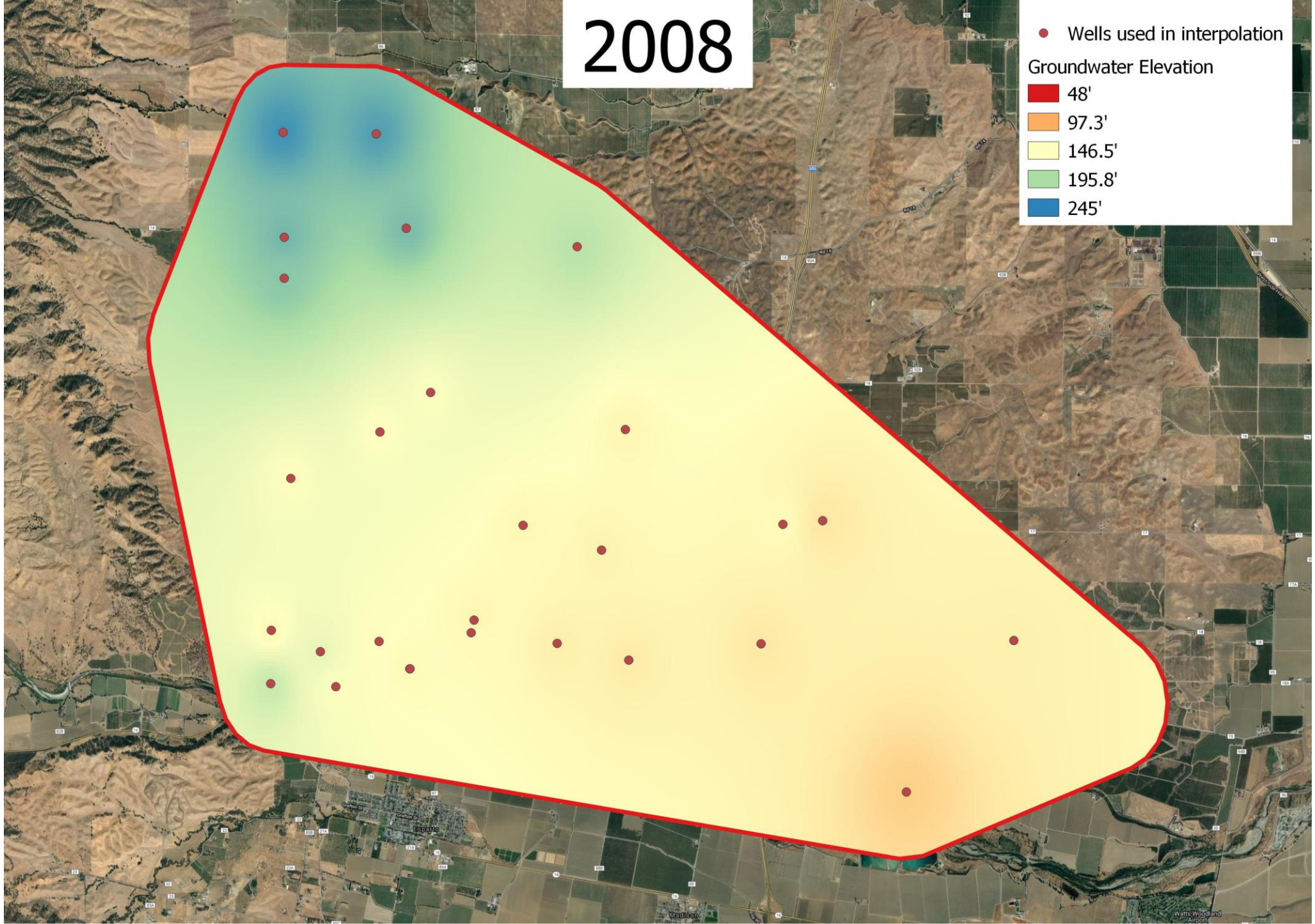
2006



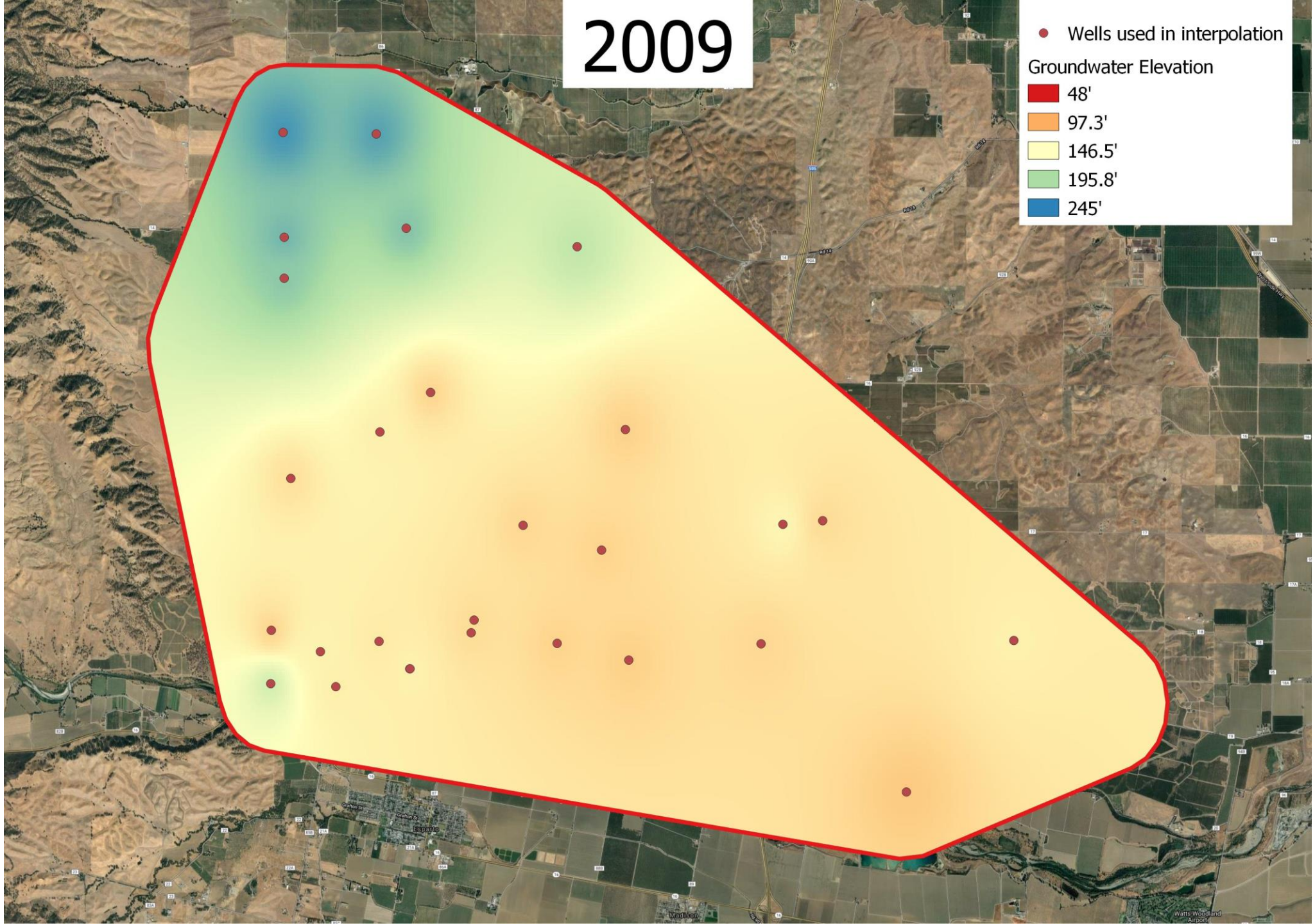
2007



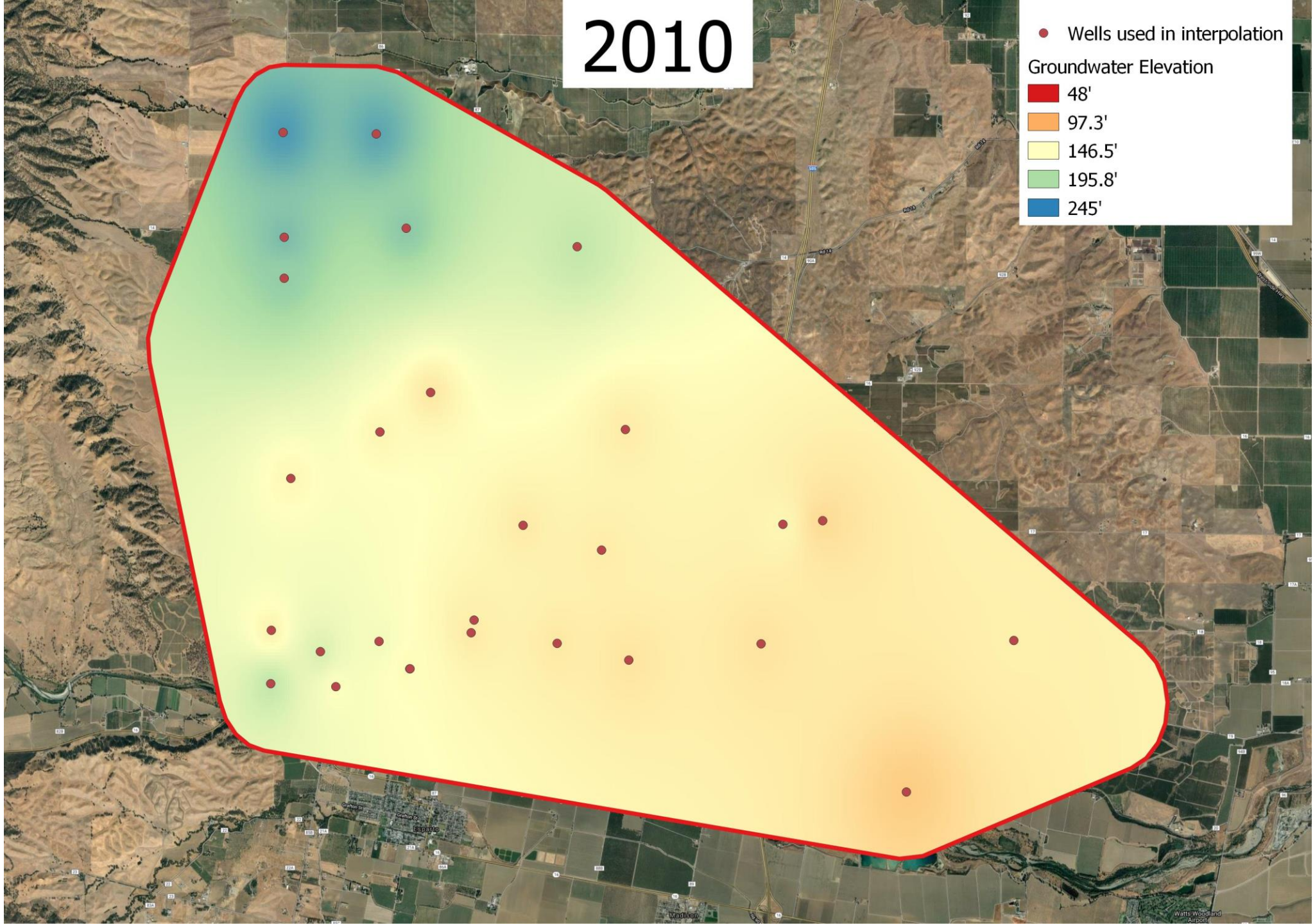
2008



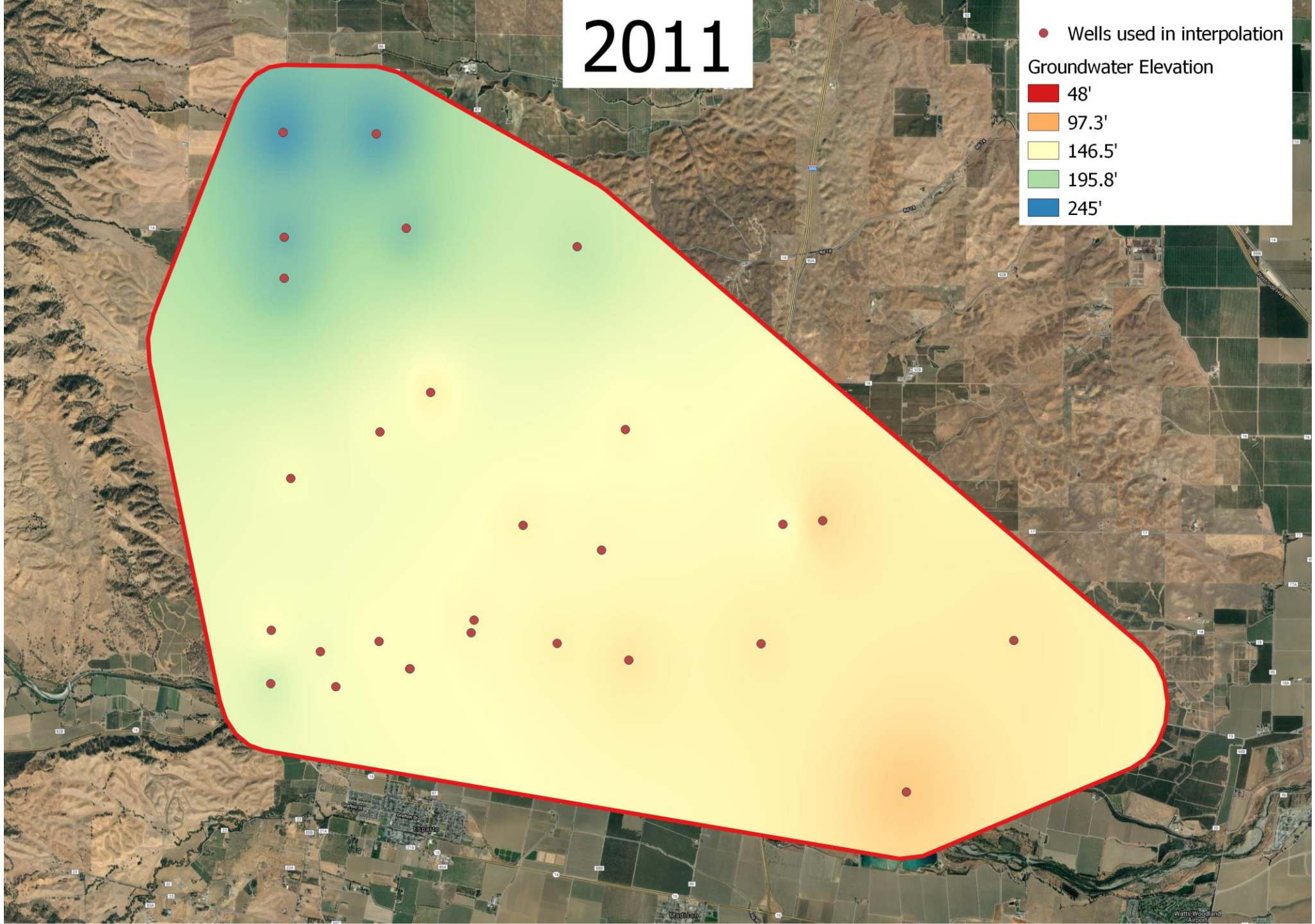
2009



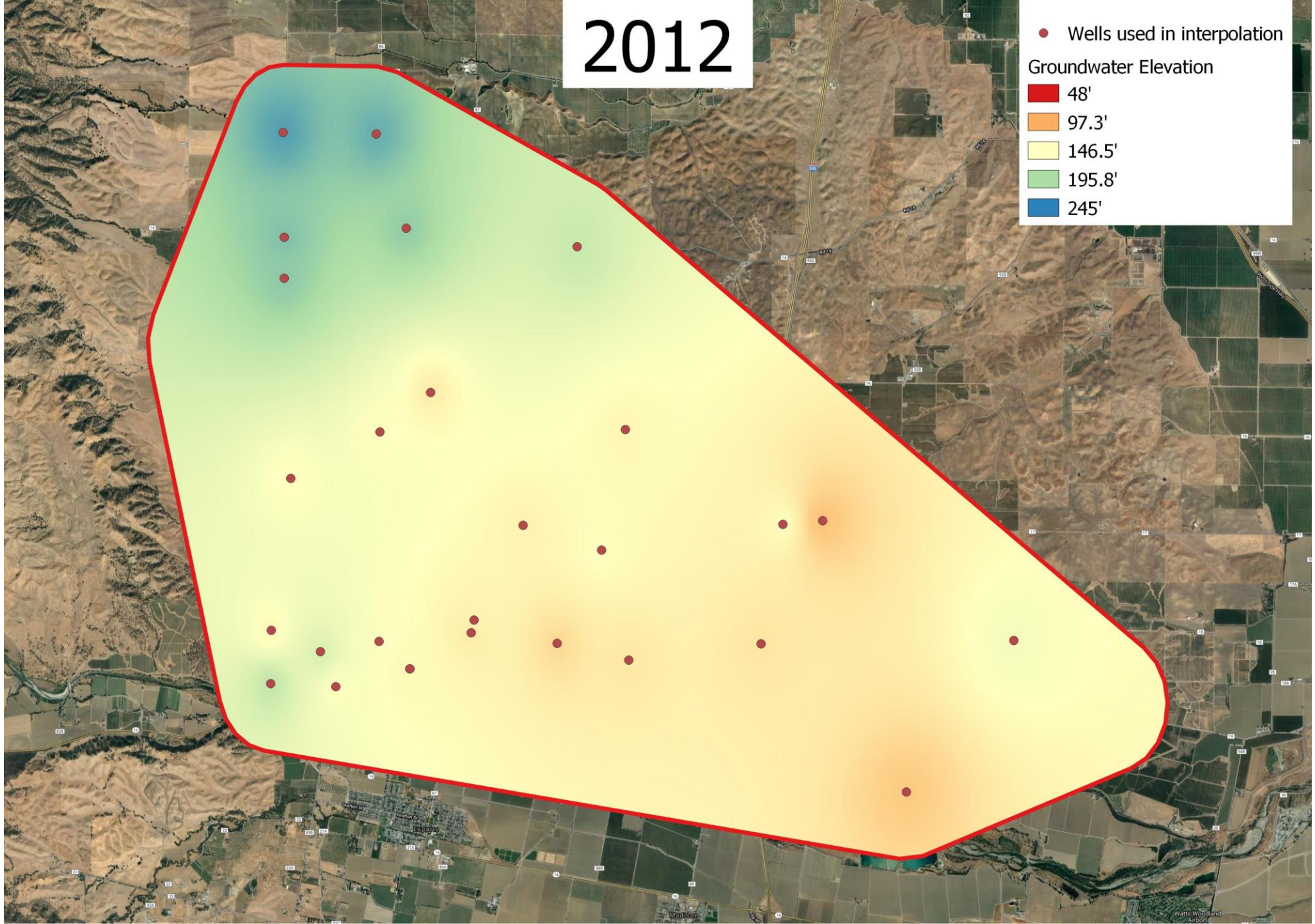
2010



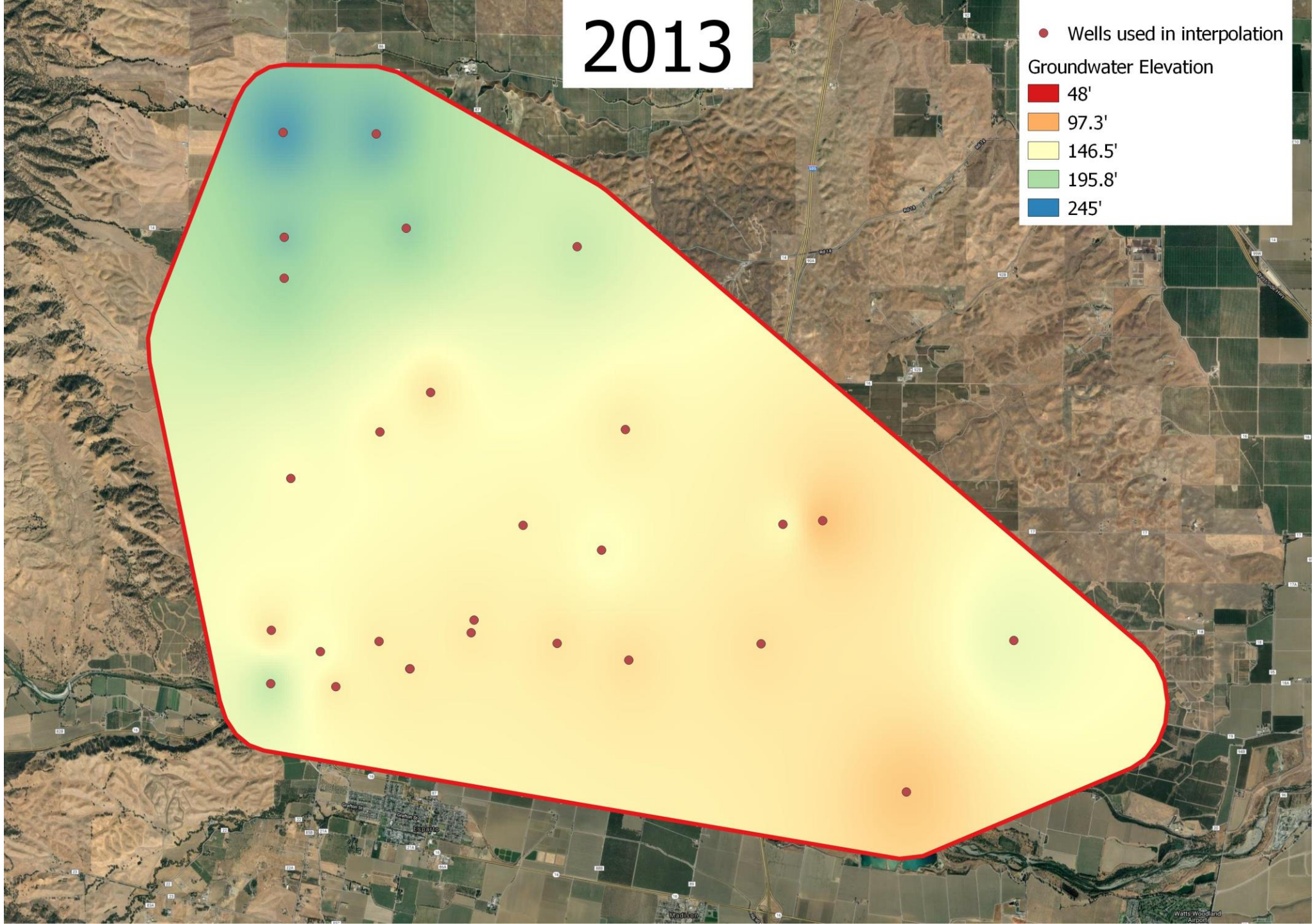
2011



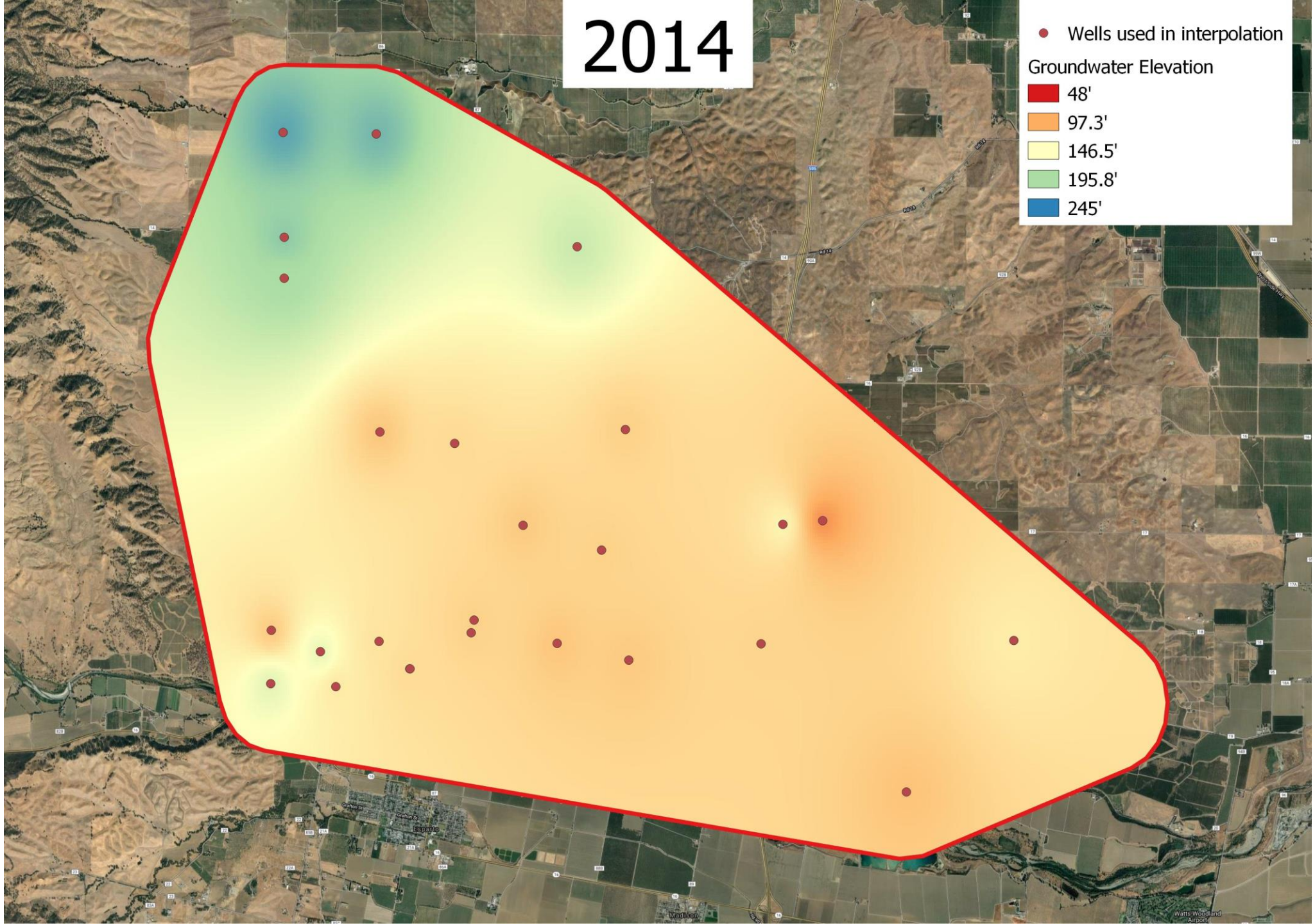
2012



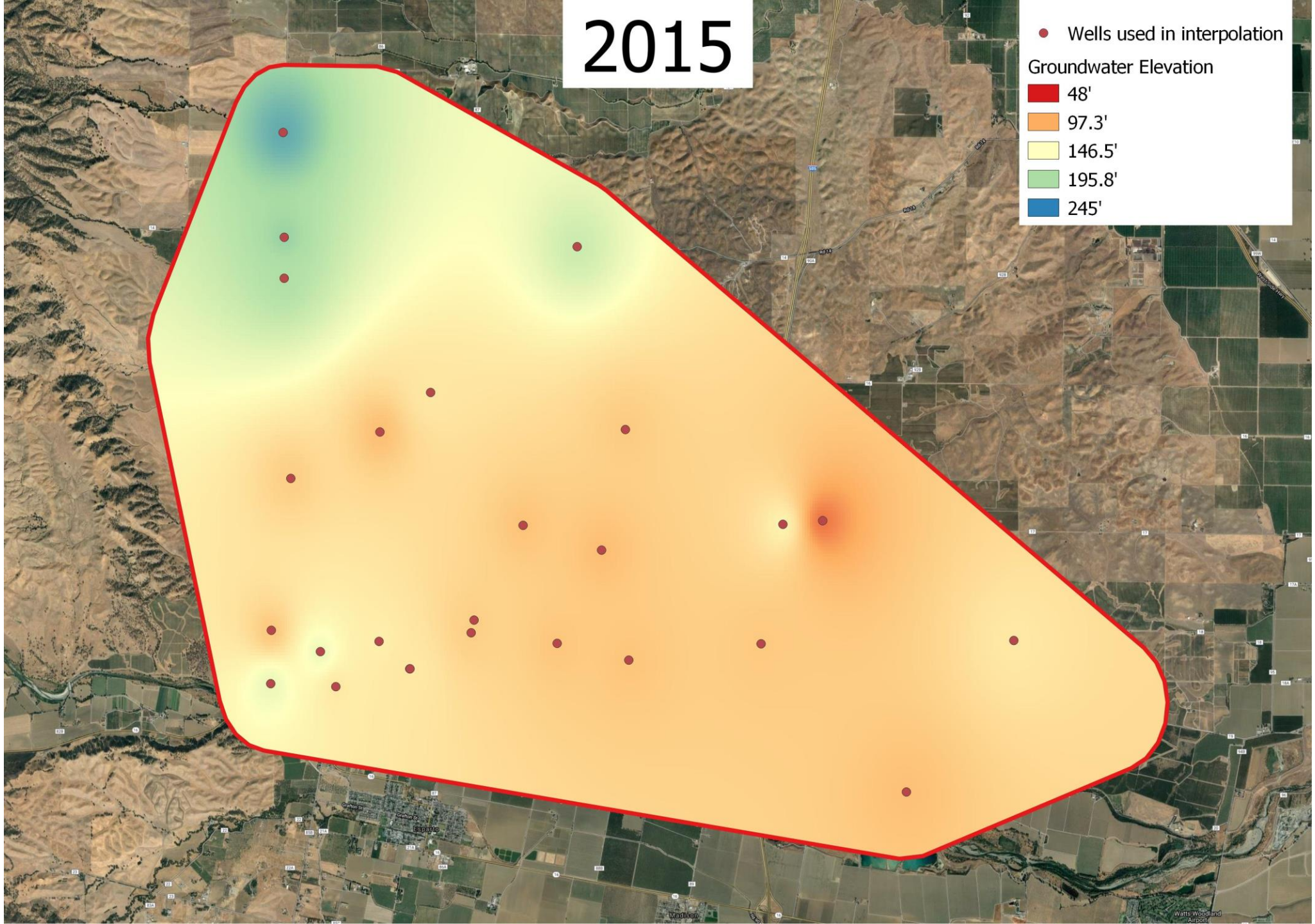
2013



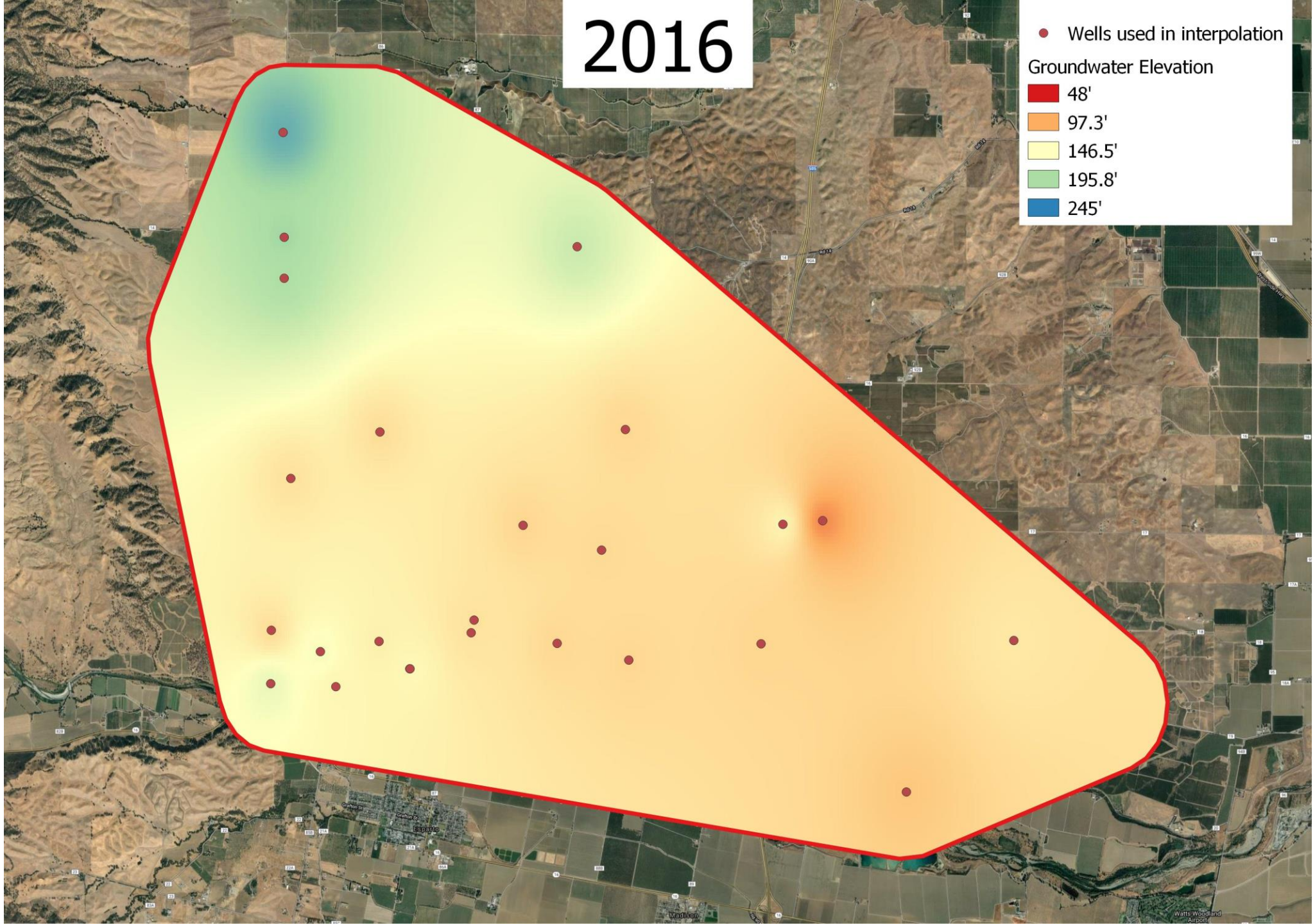
2014



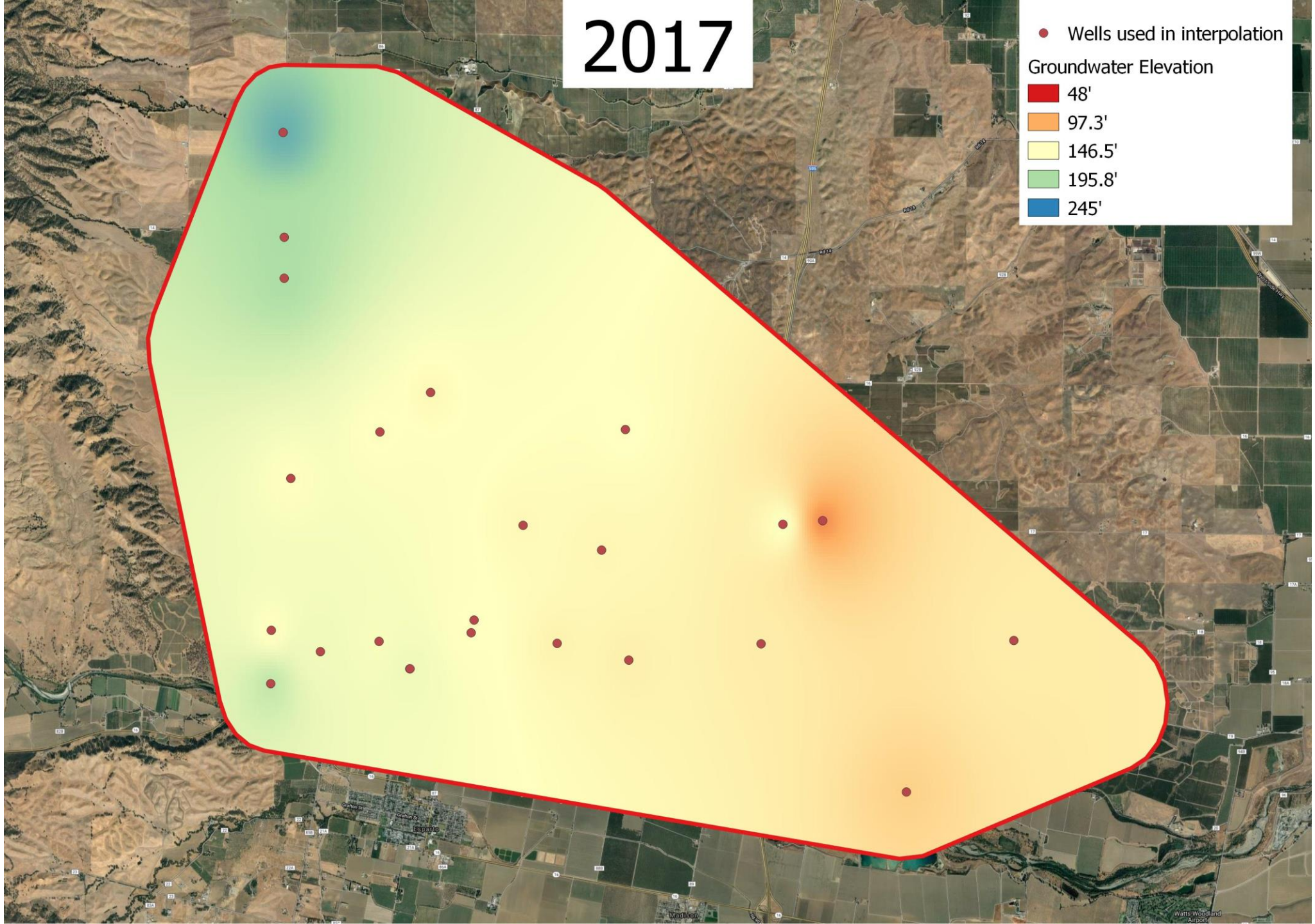
2015



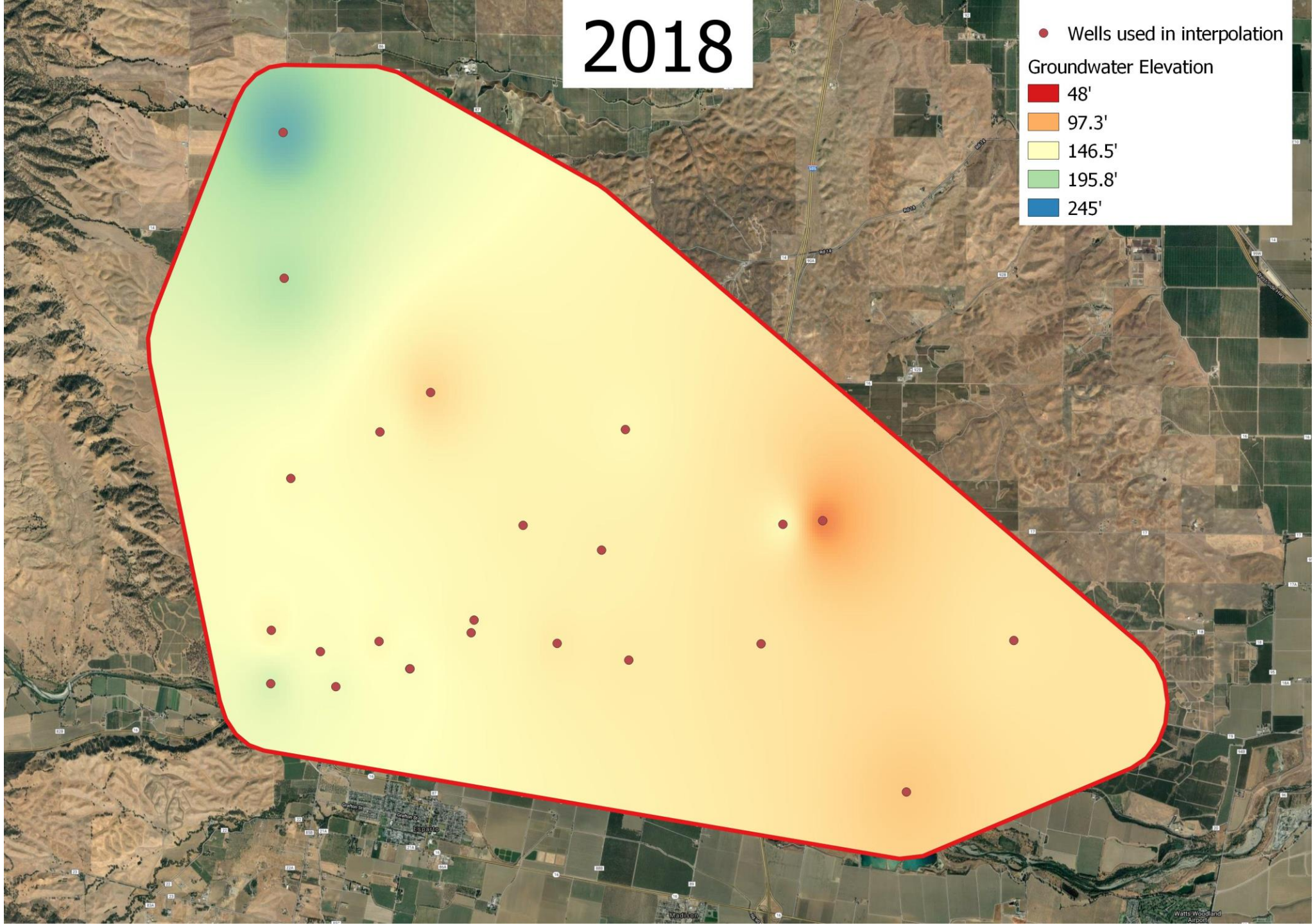
2016



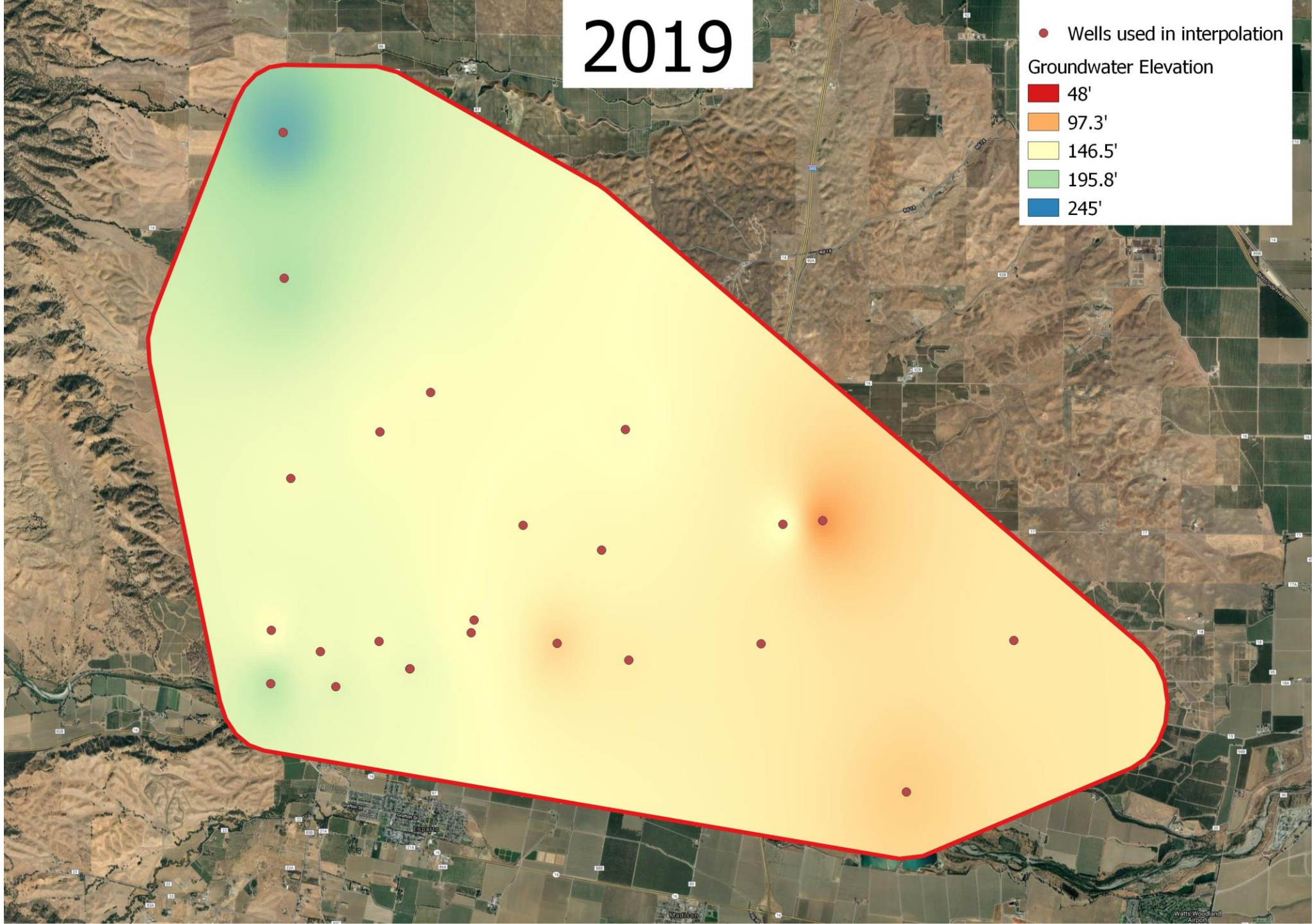
2017



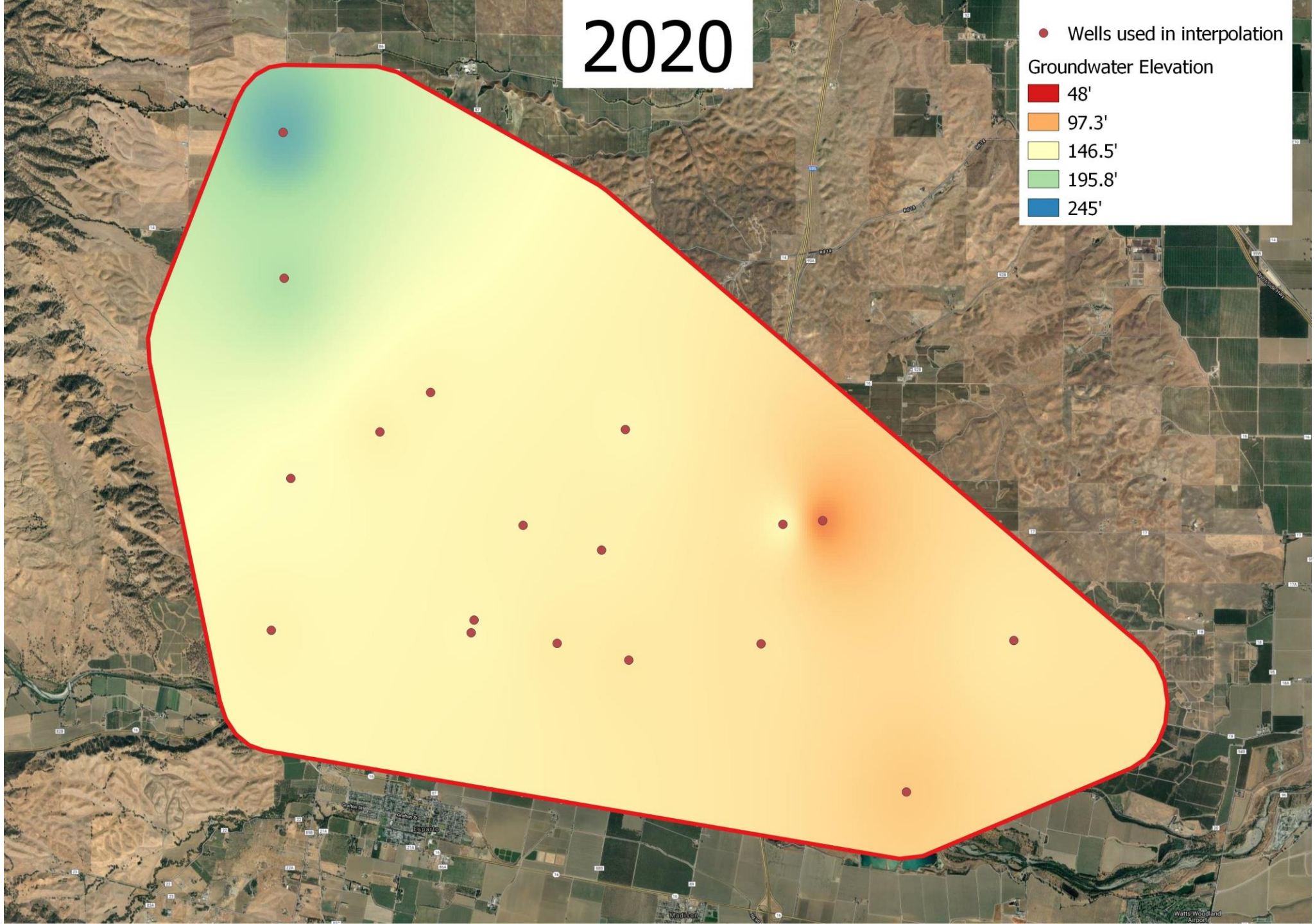
2018

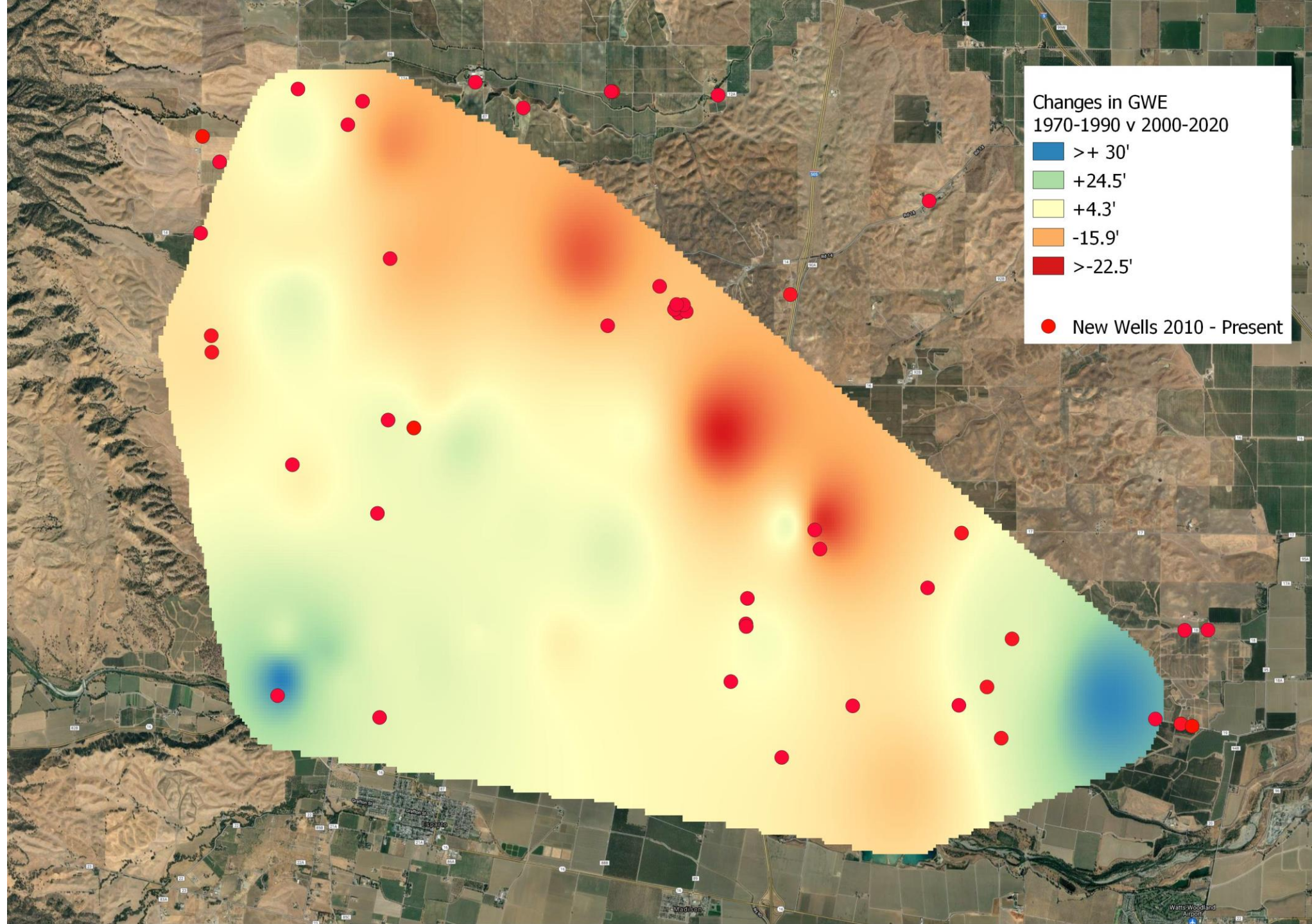


2019

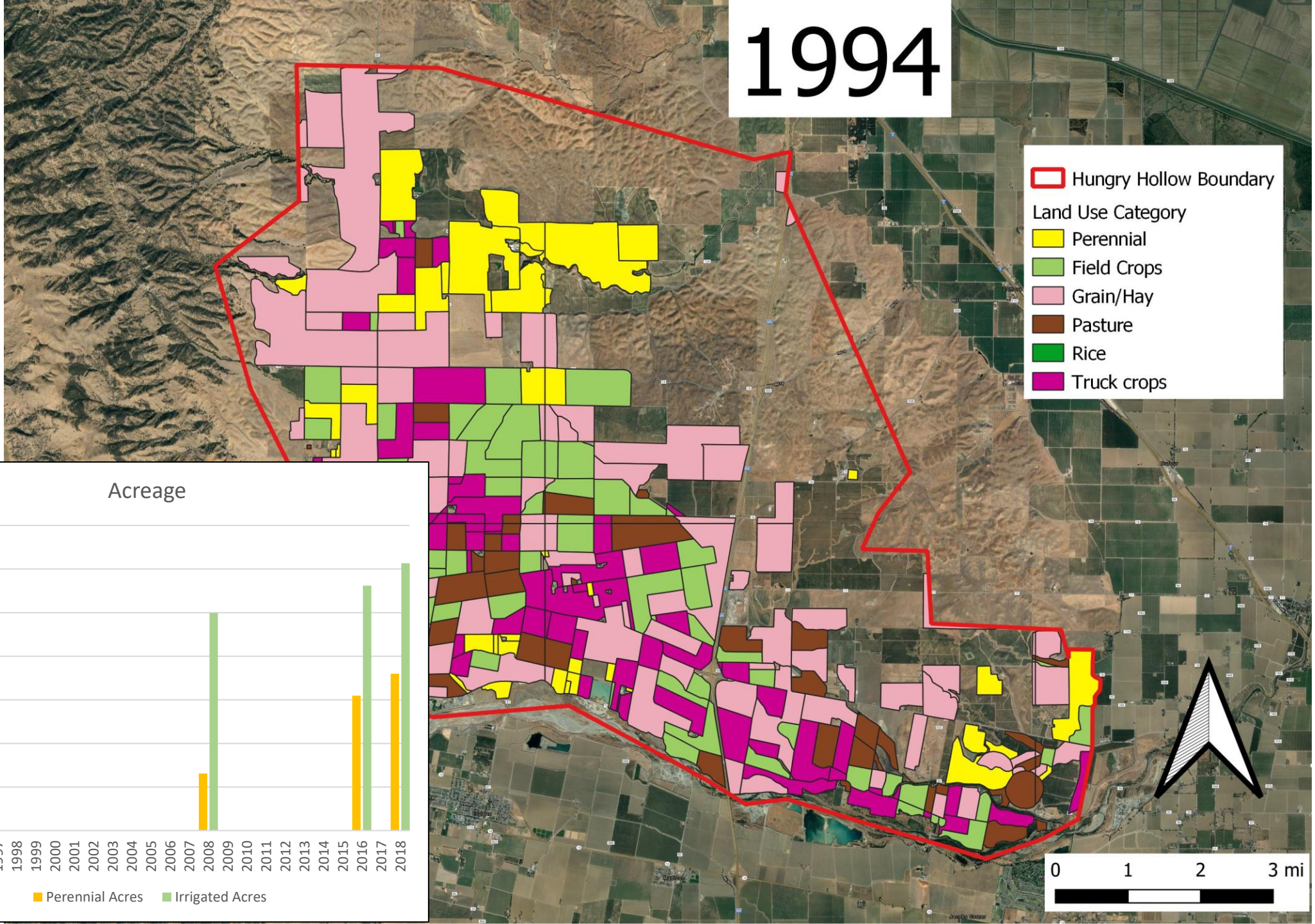


2020

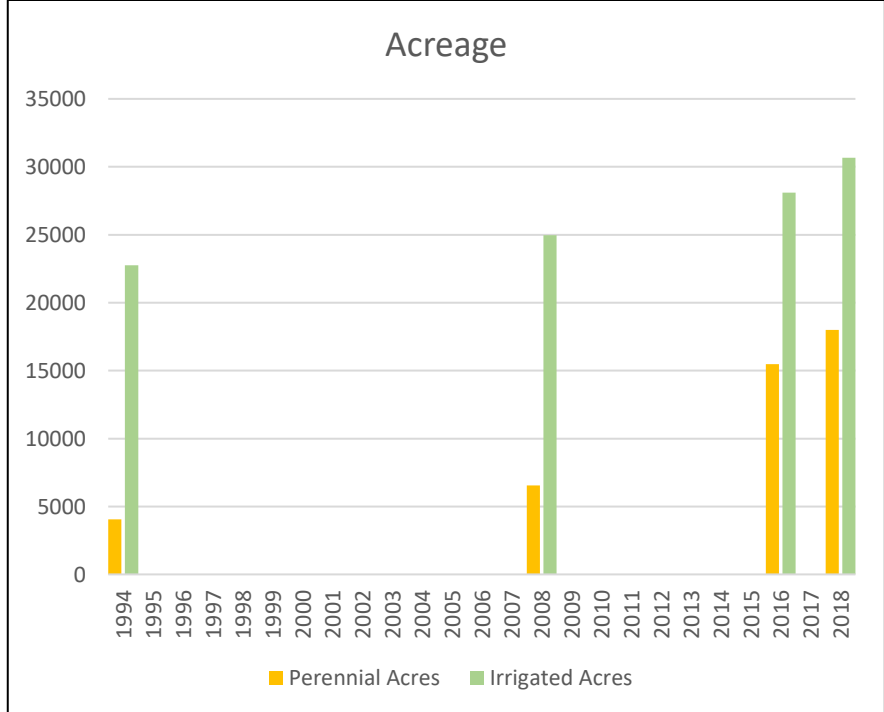




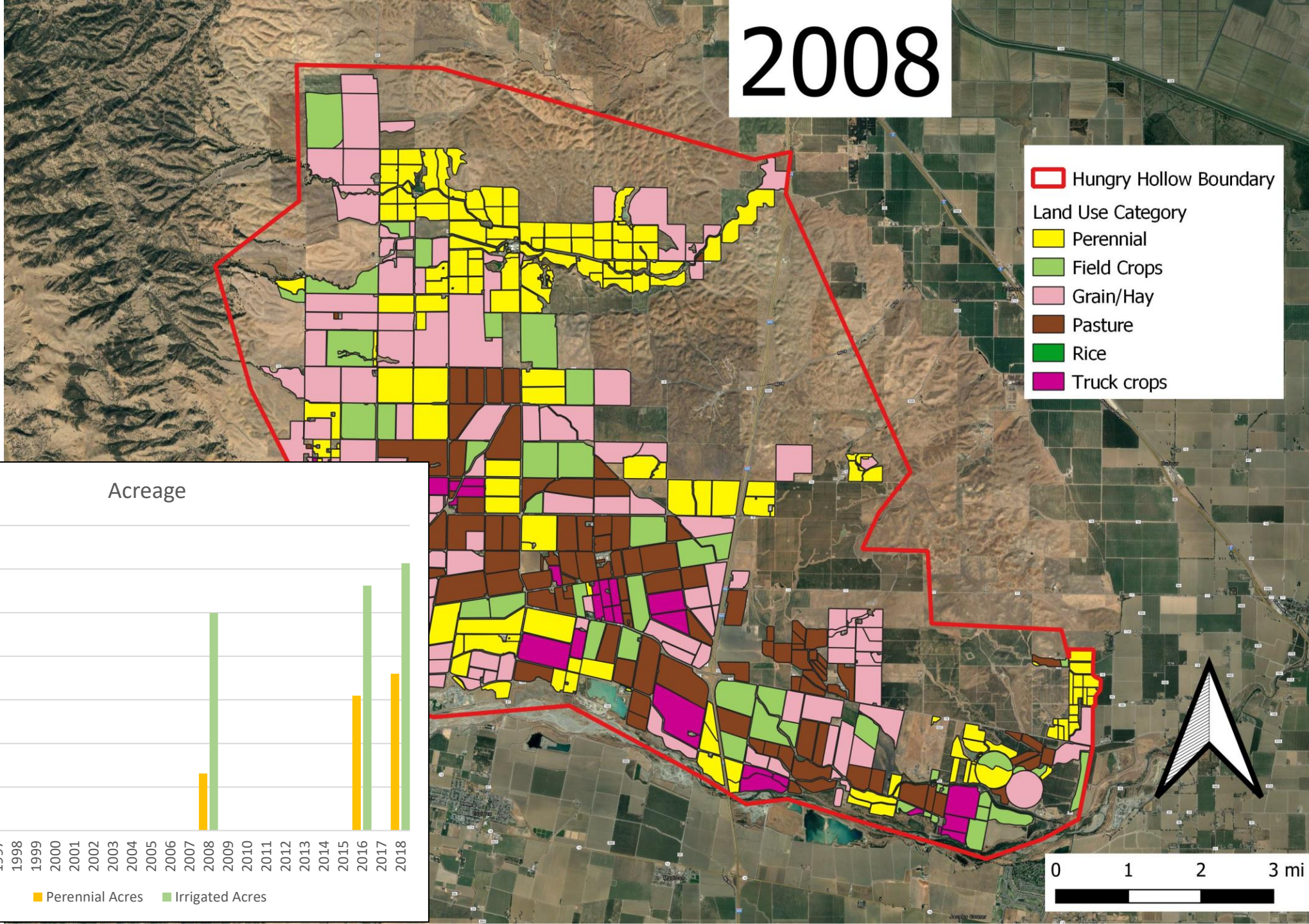
1994



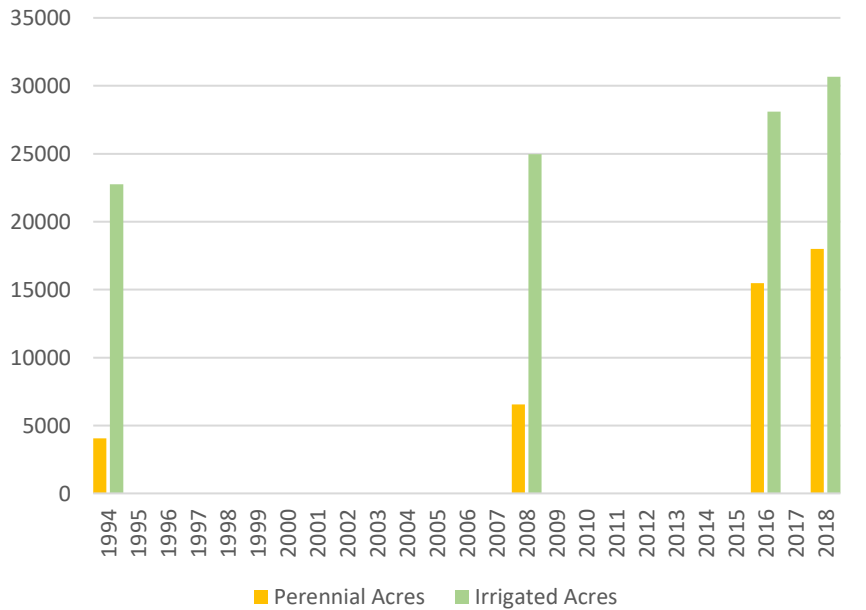
Acreage



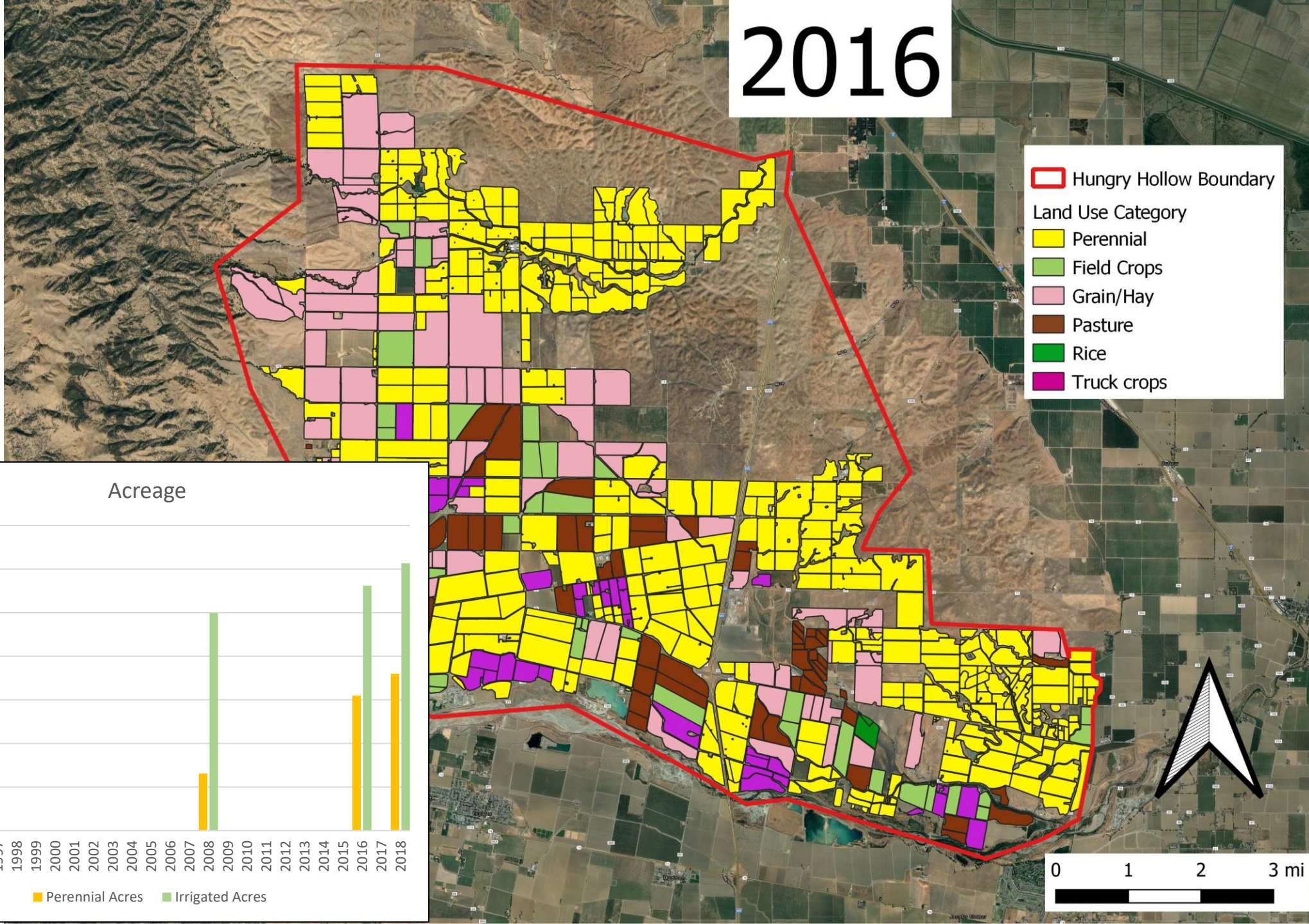
2008



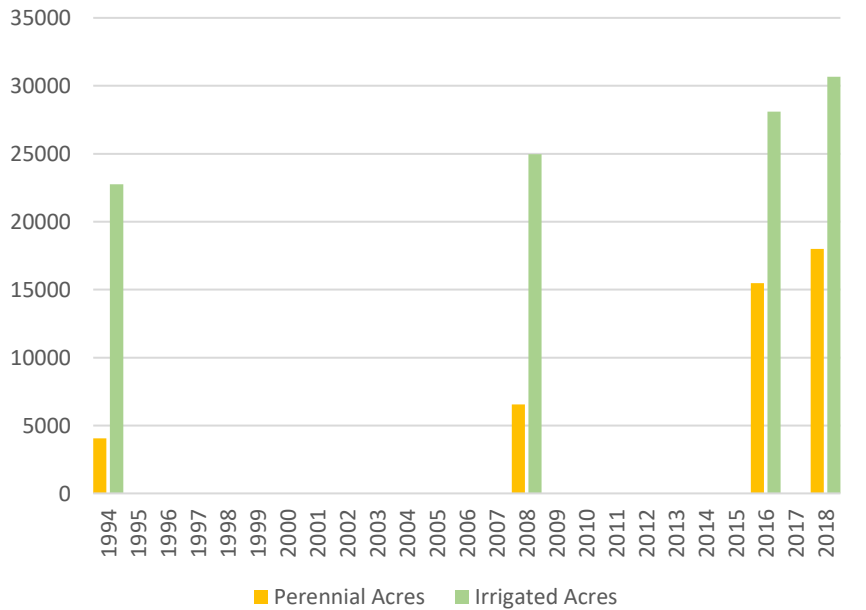
Acreage



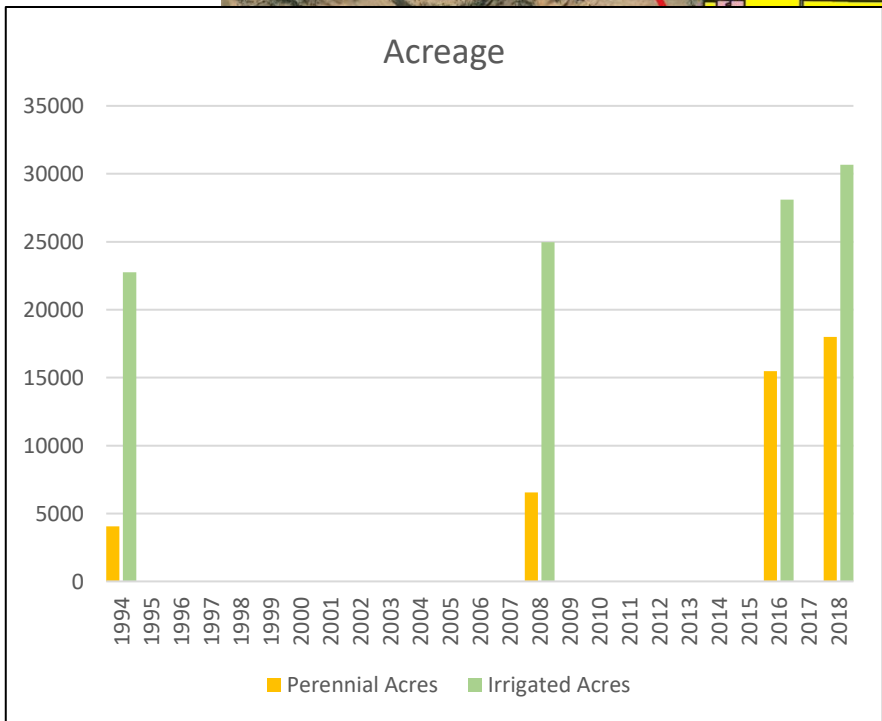
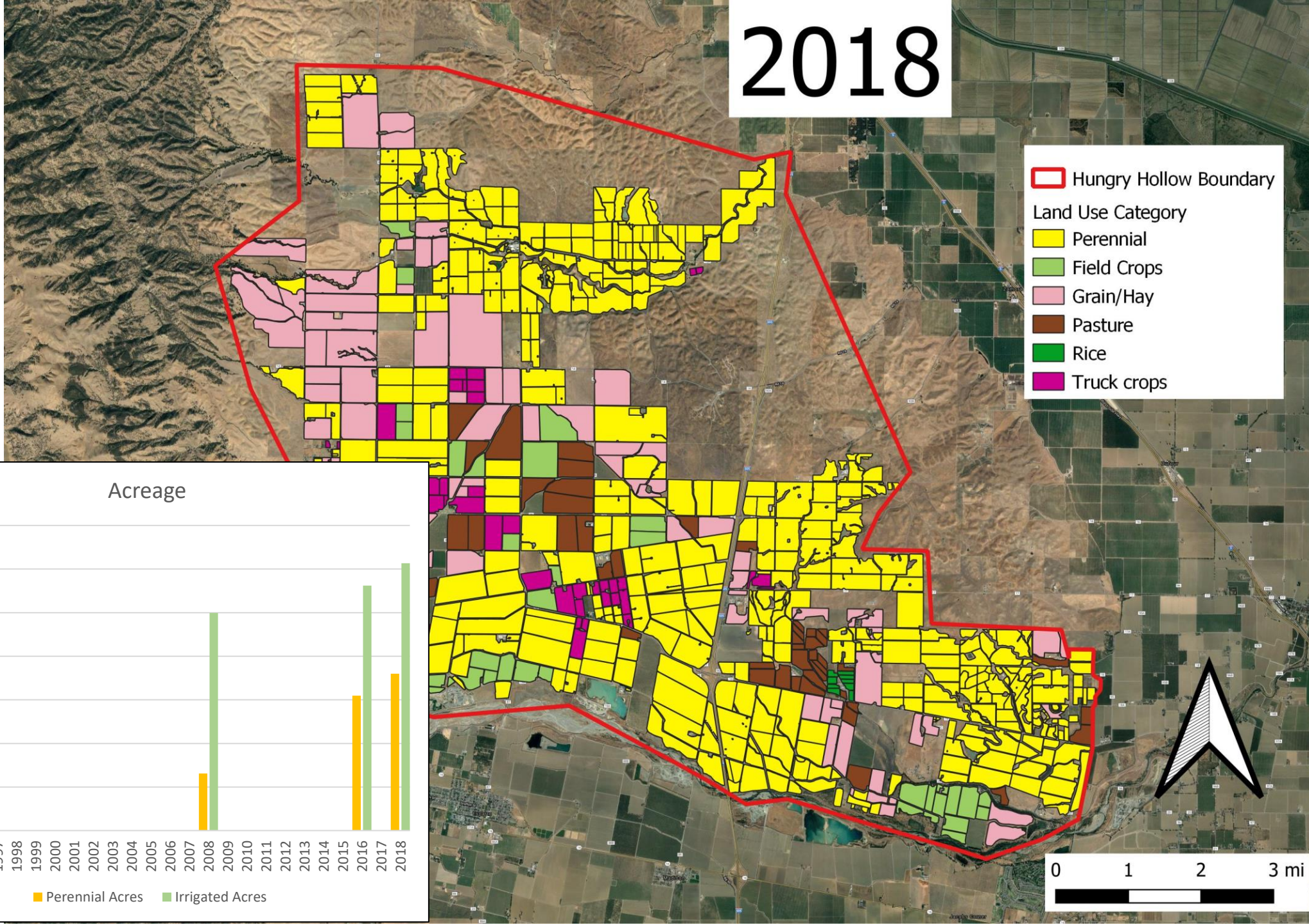
2016



Acreage



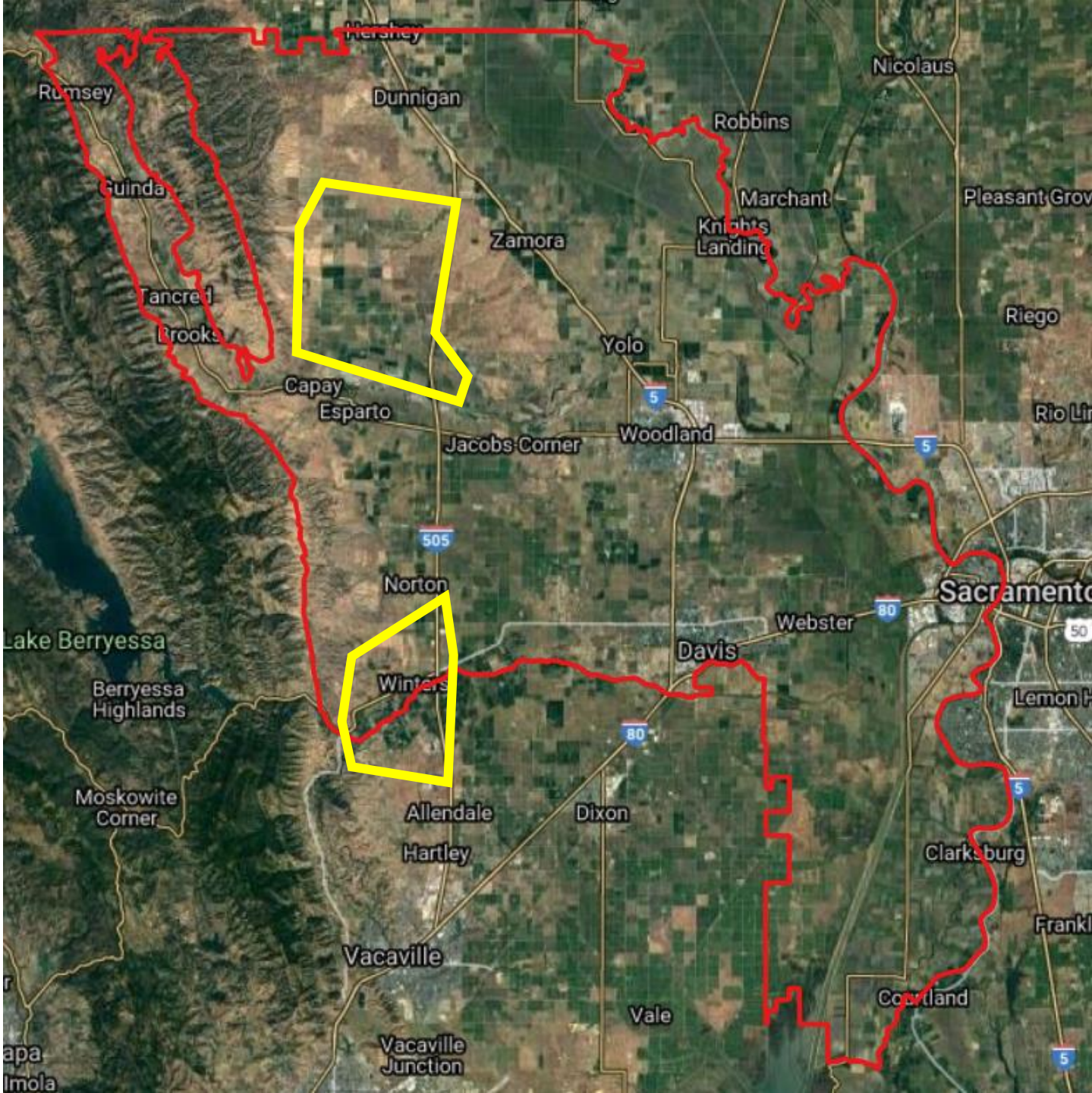
2018



Summary

- Potential Trend emerging around Winters and Hungry Hollow with declining groundwater levels.
- Areas near the rangeland/farming interface seem to be changing more quickly.
- Proximity of newly drilled wells to areas with largest changes.
- Trends in land use change, and potential hardening of water demand.

Questions?

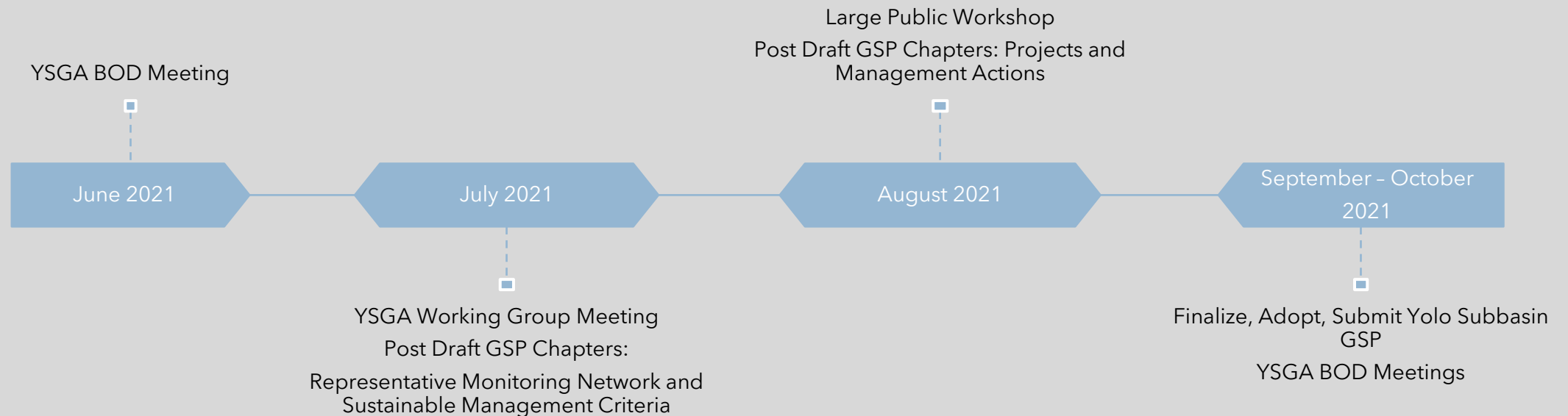


Agenda

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- Consideration: FY 2020-2021 & 2021-2022 Budgets and Administrative and Technical Support Services Agreements
- Update on Water Legislation, Regulatory, and Delta Issues (Gary Link, NCWA)
- Water Conditions Update
 - Matt Cohen, City of Woodland
 - Roger Cornwell, RD 787 (RGF)
 - Bill Vanderwaal, Dunnigan Water District
 - Kristin Sicke, YCFC&WCD
 - Leo Refsland, Madison/Knights Landing/Cacheville CSDs
 - Charlie Schaupp, Esparto CSD
- Report of the Chair and Executive Officer
- Presentation: Areas of Special Concern
- **Update on Groundwater Sustainability Plan Development**
- Members' Reports and Future Agenda Items

Update on GSP Development

- Continued work on GSP sections by GSP Technical Team -
 - Basin Setting revisions/refinements
 - North Yolo Management Area - requested proposal for modified thresholds (PMA analysis)
 - Capay Valley Management Area - outreach on GSP development and Projects
 - Comments on draft SMC summary
 - Requested Projects from Member Entities - on website for public input
- Working Group Meeting - July 2021
- Public Workshop at Yolo County Fairgrounds - week of August 9, 2021
- Yolo/Colusa and Yolo/Solano Interbasin Coordination Meetings



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