to rising groundwater, while others do not. When necessary, Reach 2 will be broken into two sub reaches for the purpose of quantifying riparian stream flows.

iv) Riparian stream flows in third reach downstream of Putah Diversion Dam (Stevenson Bridge to I-80)

3RRSF = 2RRSF – 2RD – 3RCL + 3RAG

Where: 3RRSF = Computed riparian stream flow in Reach 3
2RRSF = Computed riparian stream flow in Reach 2
2RD = Riparian diversions in Reach 2
3RCL = Measured channel percolation/evapotranspiration losses in reach 3
3RAG = Ag return flow water in reach 3 originating from a riparian source

v) Riparian stream flows in fourth reach downstream of Putah Diversion Dam (I-80 to Mace Boulevard)

4RRSF = 3RRSF– 3RD – 4RCL + 4RAG

Where: 4RRSF = Computed riparian stream flow in Reach 4
3RRSF = Computed riparian stream flow in Reach 3
3RD = Riparian diversion in Reach 3
4RCL = Measured channel percolation/evapotranspiration losses in reach 4
4RAG = Ag return flow water in reach 4 originating from a riparian source

vi) Riparian stream flows in fifth reach downstream of Putah Diversion Dam (Mace Boulevard to RM 0.0 aka Yolo Bypass)

5RRSF = 4RRSF– 4RD –5RCL + 5RAG

Where: 5RRSF = Computed riparian stream flows in Reach 5
4RRSF = Computed riparian stream flows in Reach 4
4RD = Riparian diversions in Reach 4
5RCL = Measured channel percolation/evapotranspiration losses in reach 5
5RAG = Ag return flow water in reach 5 originating from a riparian source

Note: The above formulas will be adjusted as necessary to reflect changing conditions such as new or terminated diversions or discharges.

1.0 Methodology for Quantifying Illegal Riparian Diversion During Irrigation Season

Note: Diversions in excess of the available riparian stream flow (i.e.. diversion of water released from storage or other non riparian flow) are considered illegal

A) Overview:

For each reach, calculate difference between daily riparian diversions and computed riparian streamflow. If riparian diversions exceed computed riparian streamflow, the difference is considered to be the result of illegal diversions.

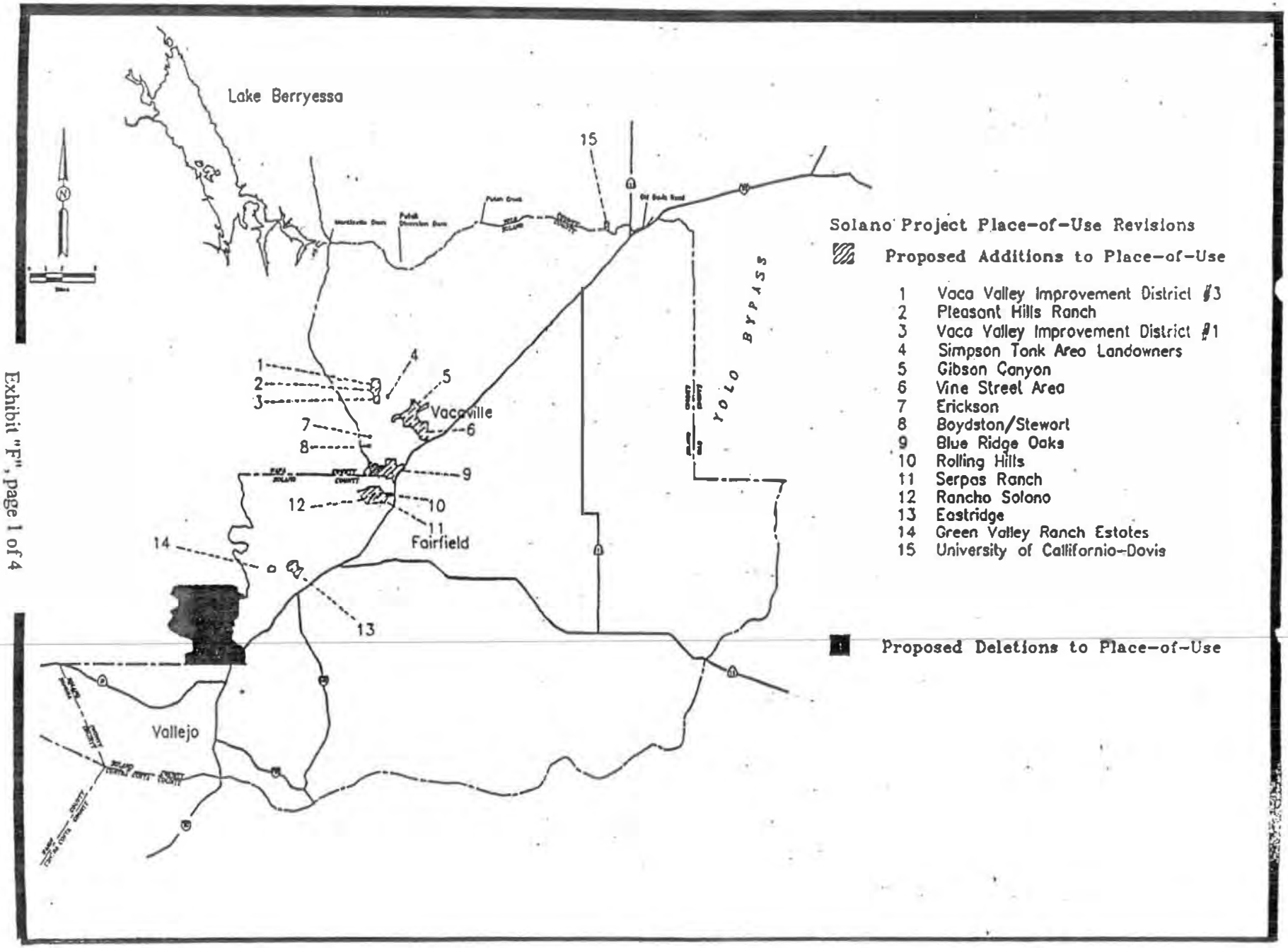
B) Analytical Approach:

i) Illegal riparian diversions in first through fifth reaches downstream of Putah Diversion Dam

If: (ith)RD>(ith)RRSF
Then: (ithIRD) = (ithRD) – (ithRRSF)

Where: (ith)RD = Riparian diversions in Reach 1, 2, 3, 4 or 5
(ithRRSF) = Computed riparian streamflow in Reach 1, 2, 3, 4 or 5
(ithIRD) = Computed illegal diversions in Reach 1, 2, 3, 4 or 5

The Solano County Water Agency is under no obligation to enforce against any illegal riparian diverters whose actions do not adversely affect the Agency's ability to comply with any contractual or legal obligation.


Lake Berryessa
Vacaville
Fairfield
Vallejo
YOLO BYPASS
Solano Project Place-of-Use Revisions
Proposed Additions to Place-of-Use
1 Vaca Valley Improvement District #3
2 Pleasant Hills Ranch
3 Vaca Valley Improvement District #1
4 Simpson Tonk Area Landowners
5 Gibson Canyon
6 Vine Street Area
7 Erickson
8 Boydston/Stewart
9 Blue Ridge Oaks
10 Rolling Hills
11 Serpas Ranch
12 Rancho Solano
13 Eastridge
14 Green Valley Ranch Estates
15 University of California-Davis
Proposed Deletions to Place-of-Use

Additions to Place-of-Use

Solano County

(1) Vaca Valley Improvement District #3
Agricultural land consisting of approximately 400 acres. Located northwest of Gibson Canyon. Property has always been in the Solano Irrigation District but did not receive Solano Project water until 1979. Solano Project water used for agricultural and domestic purposes. Relevant CEQA document: Environmental Impact Report for the Land Use and Circulation Element - A part of the Solano County General Plan (1980)

(2) Pleasant Hills Ranch
Rural residential development consisting of approximately 40 residences on 423 acres. Located west of Gibson Canyon. Property annexed to the Solano Irrigation District in 1976. Solano Project water used for domestic purposes. Relevant CEQA document: Environmental Impact Report for the Land Use and Circulation Element - A part of the Solano County General Plan (1980)

(3) Vaca Valley Improvement District #1
Rural residential development consisting of approximately seven residences on 258 acres. Located west of Gibson Canyon. Property annexed to the Solano Irrigation District in 1973. Solano Project water used for agricultural and domestic purposes. Relevant CEQA document: Environmental Impact Report for the Land Use and Circulation Element - A part of the Solano County General Plan (1980)

(4) Simpson Tank Area Landowners
Rural residential development consisting of approximately six residences on 33 acres. Located west of Gibson Canyon. Property annexed to the Solano Irrigation District in two stages. First stage annexed in 1985, second stage annexed in 1994. Solano Project water used for domestic purposes. Relevant CEQA document: Environmental Impact Report for the Land Use and Circulation Element - A part of the Solano County General Plan (1980)

(5) Gibson Canyon
Rural residential development consisting of approximately 150 residences on about 600 acres. Located north of Vacaville. Property annexed to the Solano Irrigation District in several phases, with the first annexation occurring in 1979. Solano Project water used for domestic and agricultural purposes. Relevant CEQA document: Environmental Impact Report for the Land Use and Circulation Element - A part of the Solano County General Plan (1980)

(6) Vine Street Area
Residential area within the city of Vacaville but partially outside of existing place-of-use. Solano Project water used for domestic purposes. Portions of this area were developed prior to CEQA.

(7) Erickson
9.01 acres rural residential parcel (APN # 122-020-13) located in upper Pleasants Valley. Property annexed to the Solano Irrigation District in 1987. Solano Project water used for agricultural purposes. Relevant CEQA document: Negative Declaration prepared by Solano Irrigation District.

(8) Boydston/Stewart
Two rural residential parcels; one consisting of 20.86 acres (APN # 122-050-11), the other consisting of 4.87 acres (APN # 122-050-22). Both parcels are located in upper Pleasants Valley, they were annexed to the Solano Irrigation District in 1988. Solano Project water used for agricultural purposes. Relevant CEQA document: Negative Declaration prepared by Solano Irrigation District.

(9) Blue Ridge Oaks
Rural residential development consisting of approximately 30 residences located on 352 acres. Located west of Vacaville. Annexed to Solano Irrigation District in 1983. Solano Project water used for domestic and agricultural purposes. Relevant CEQA document: Environmental Impact Report for the Land Use and Circulation Element - A part of the Solano County General Plan (1980)

(10) Rolling Hills
Residential area within the city of Fairfield but partially outside of existing place-of-use. Solano Project water used for domestic purposes. Relevant CEQA document: Dunnell/Burton Properties Environmental Impact Report. Elgar Hill Environmental Analysis and Planning (1980)

(11) Serpas Ranch
Residential area within the city of Fairfield but partially outside of existing place-of-use. Solano Project water used for domestic purposes. Relevant CEQA document: Serpas Ranch Area Environmental Assessment. Stephen Lafer & Associates for Condiotti Enterprises (1991)

(12) Rancho Solano
Residential area within the city of Fairfield but partially outside of existing place-of-use. Solano Project water used for domestic purposes. Relevant CEQA document: Rancho Solano General Plan Amendment Final Environmental Impact Report. Prepared for City of Fairfield by Environmental Science Associates, Inc. (1985)

(13) Eastridge
Residential area within the city of Fairfield but partially outside of existing place-of-use. Solano Project water used for domestic purposes. Relevant CEQA document: Final Environmental Impact Report - Cordelia Area Specific Plan Update Program, Fairfield, California. Prepared by Larry Seeman Associates (1986)

(14) Green Valley Ranch Estates
Rural residential development partially outside of existing place-of-use (approximately seven residences on 16 acres outside place-of-use). Property located in Green Valley. Annexed to Solano Irrigation District in 1962. Solano Project water used for domestic purposes. Property developed prior to CEQA.

Yolo County

(15) University of California - Davis
Approximately 1,000 acres of the University of California-Davis campus will be added to the Solano Project place-of-use. The property is located within the western halves of sections 18 and 19 and the eastern halves of sections 13 and 24 (Township 8 North, Range 1 East, Mount Diablo baseline and meridian). The land in question has been used primarily for agricultural teaching and research for over thirty years. Solano Project water deliveries first began in the late 1960's. All of the water has and continues to be used for agricultural teaching and research, pursuant to the University's contract with the Solano County Water Agency.

Appendix B Historical Groundwater Contour Maps

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

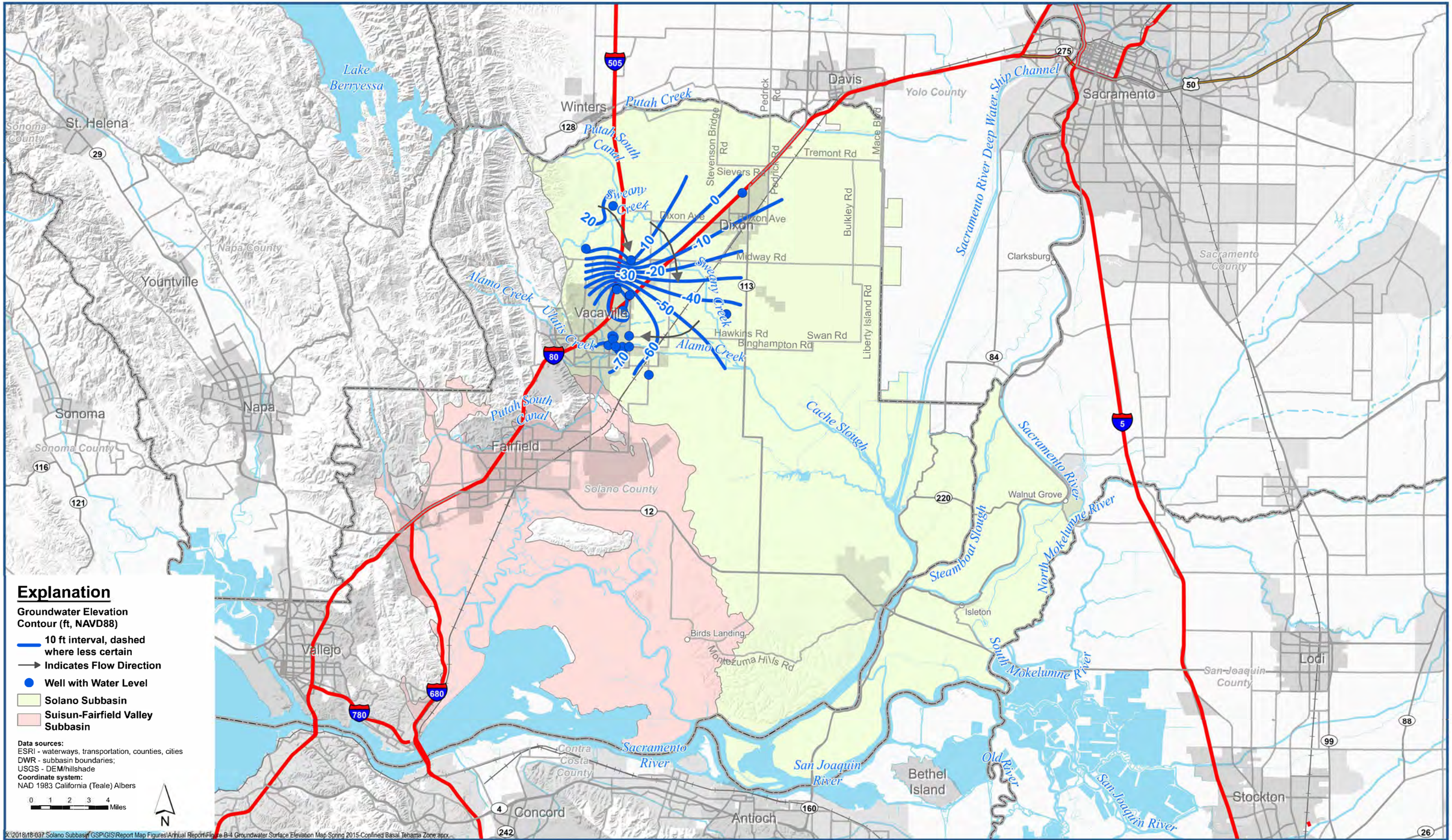
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-1 Groundwater Surface Elevation Map Spring 2015-Alluvial Aquifer and Upper Zone.aprx

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2015

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-1



Explanation

Groundwater Elevation Contour (ft, NAVD88)

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- Well with Water Level
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DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-4 Groundwater Surface Elevation Map Spring 2015-Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Spring 2015

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-2

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

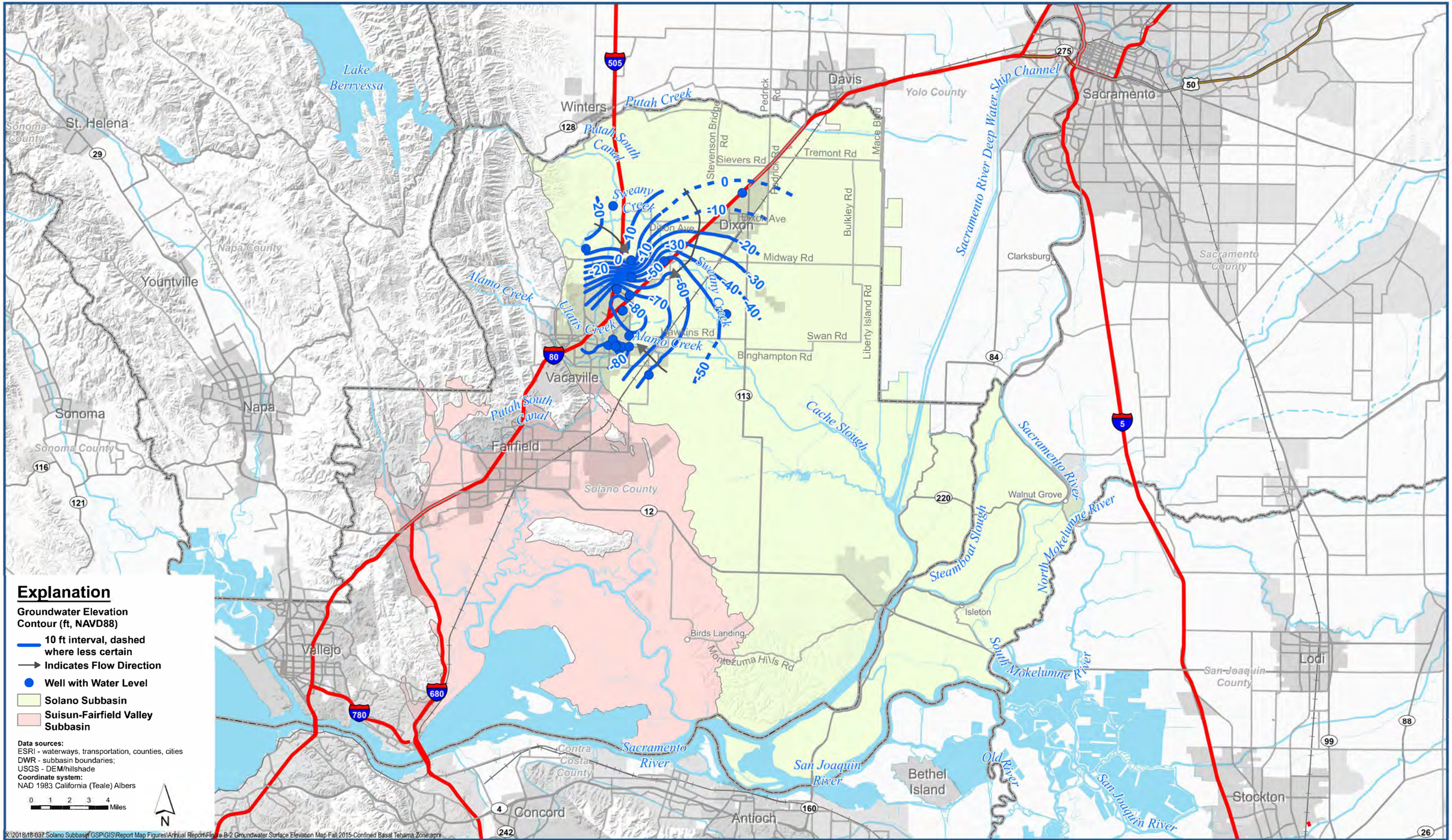
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-3 Groundwater Surface Elevation Map Fall 2015 Alluvial Aquifer and Upper Zone.aprx

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Fall 2015

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-3



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-2 Groundwater Surface Elevation Map Fall 2015-Confined Basal Tehama Zone.aprx

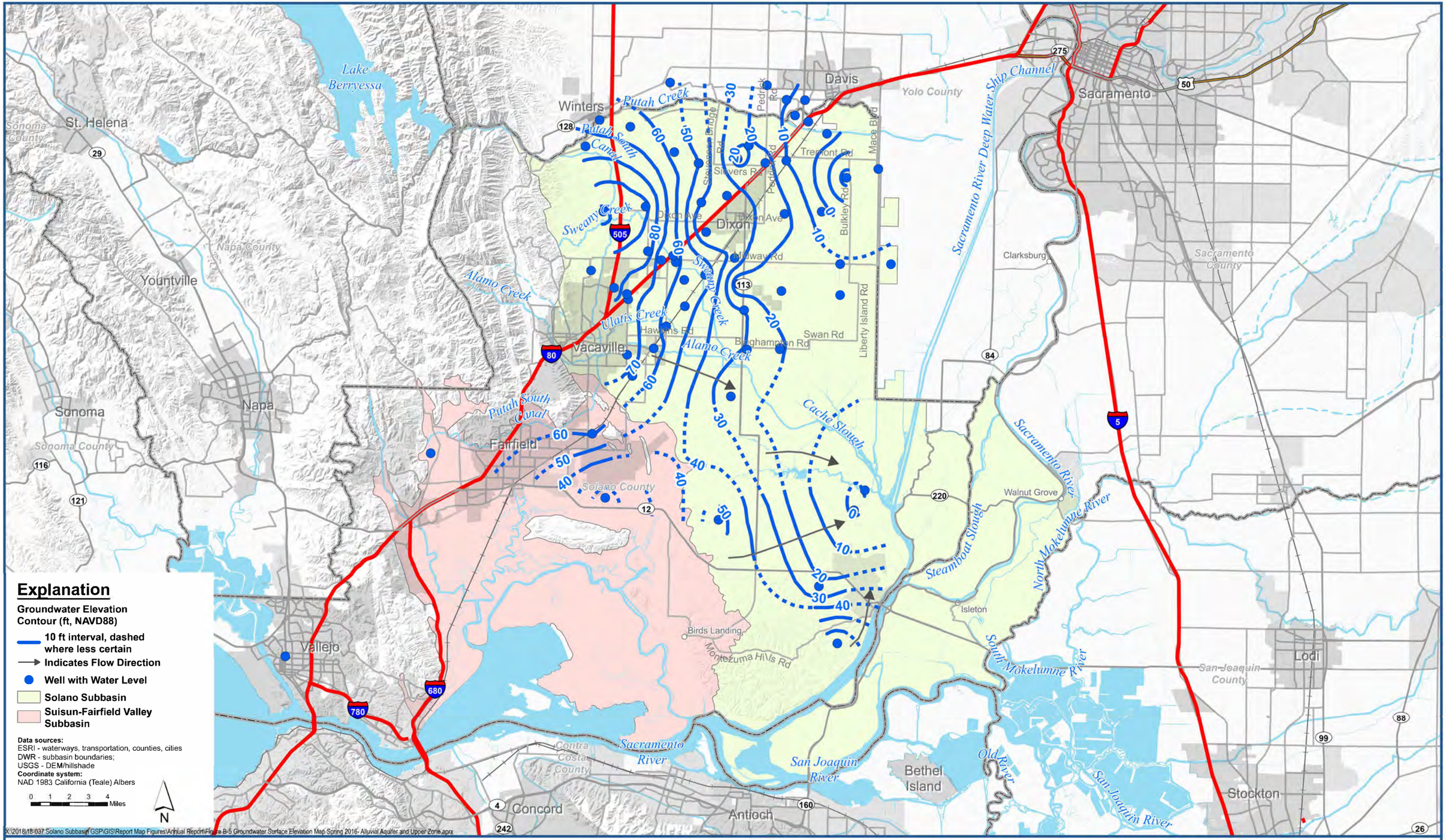
SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2015

Annual Groundwater Report
Solano Subbasin and Solano County

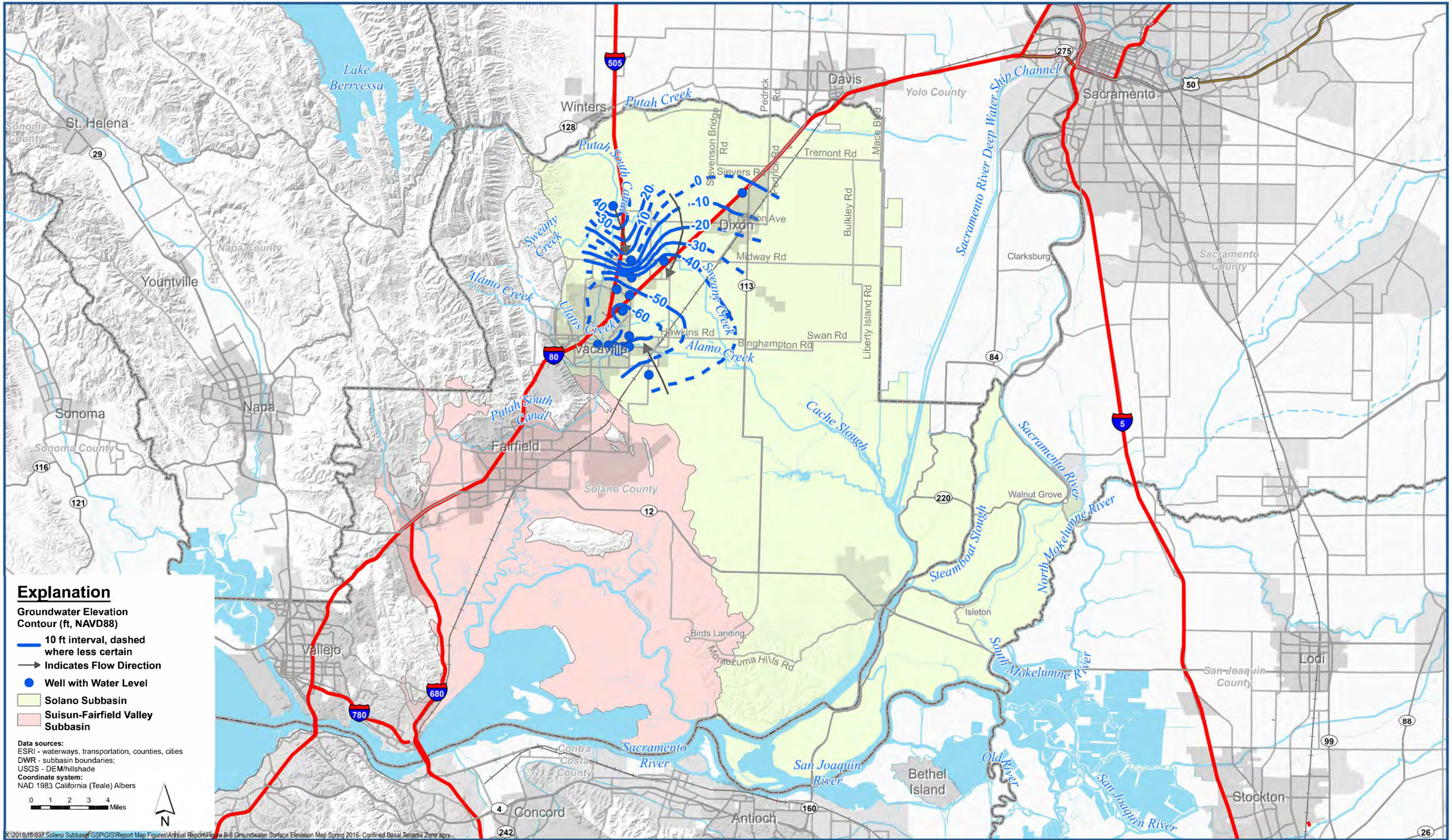
Figure B-4



Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2016

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-5



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-8 Groundwater Surface Elevation Map Spring 2016- Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Spring 2016

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-6

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

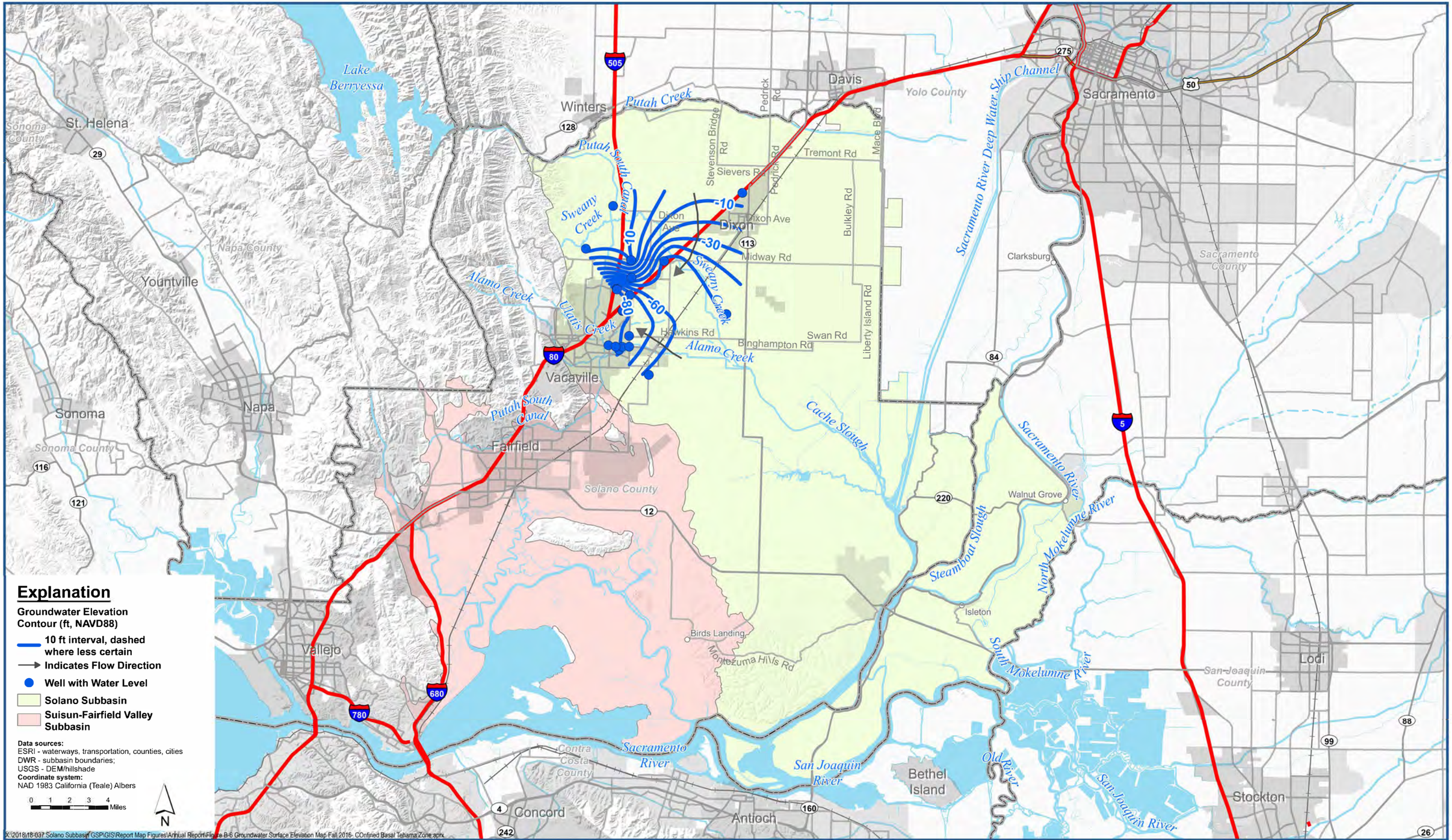
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-7 Groundwater Surface Elevation Map Fall 2016- Alluvial Aquifer and Upper Zone.aprx

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Fall 2016

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-7



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-6 Groundwater Surface Elevation Map Fall 2016- COnfined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2016

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-8

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Anhual Report\Figure B-9 Groundwater Surface Elevation Map Spring 2017- Alluvial Aquifer and Upper Zone.aprx

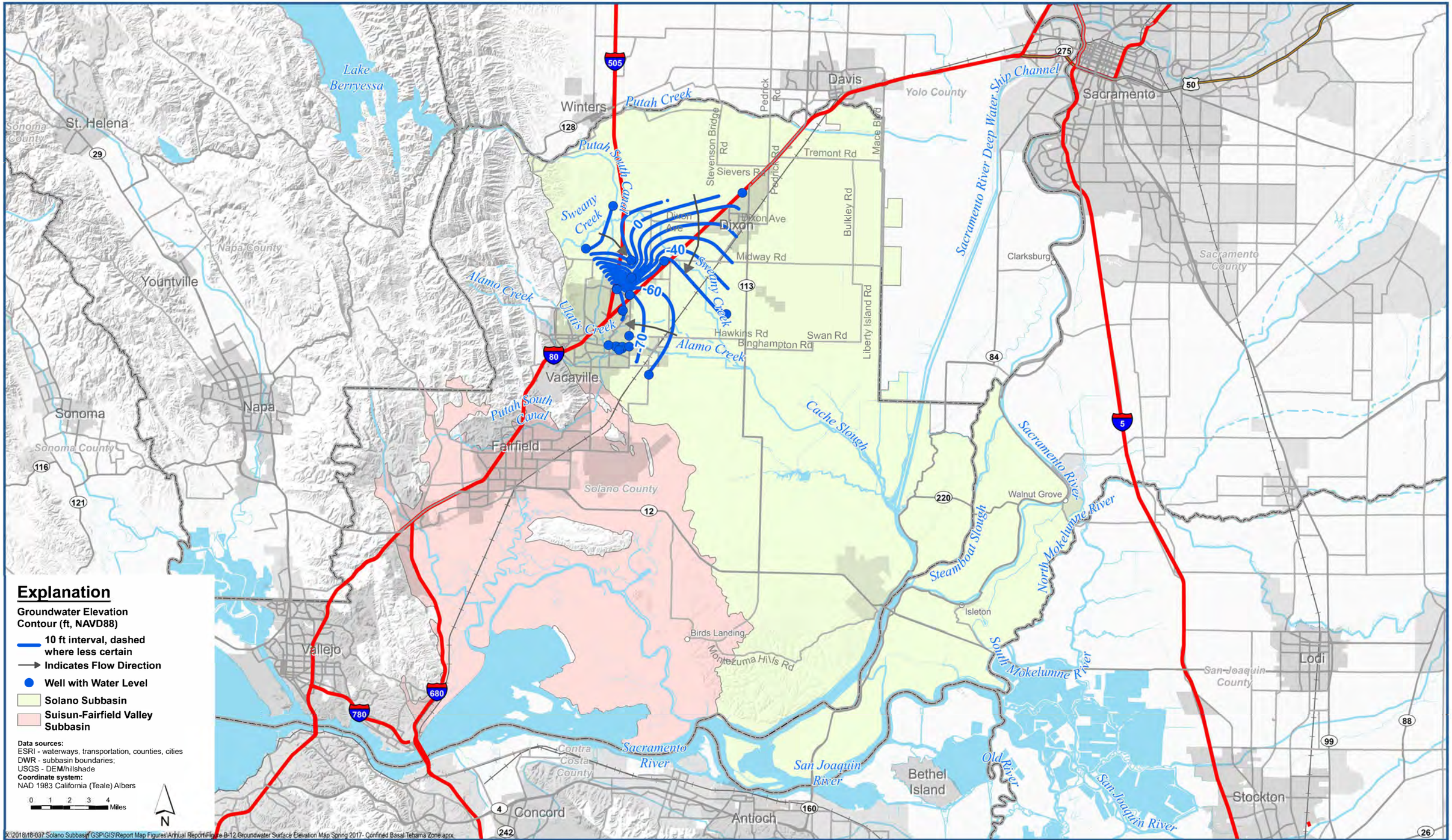
SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2017

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-9



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-12 Groundwater Surface Elevation Map Spring 2017- Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Spring 2017

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-10

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

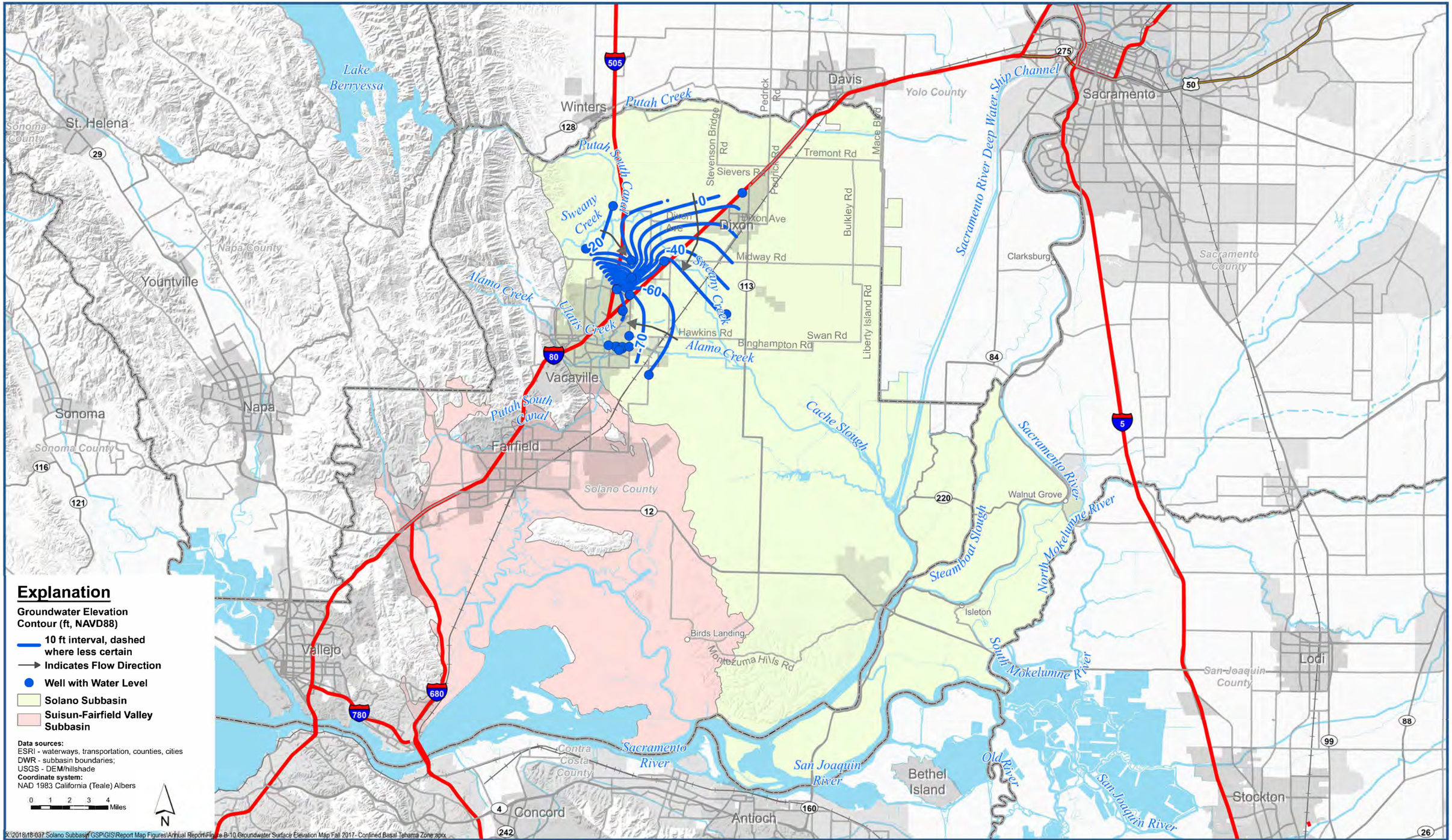
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-11 Groundwater Surface Elevation Map Fall 2017.aprx

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Fall 2017

Figure B-11

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-10 Groundwater Surface Elevation Map Fall 2017- Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2017

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-12

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-13 Groundwater Surface Elevation Map Spring 2018- Alluvial Aquifer and Upper Zone.aprx

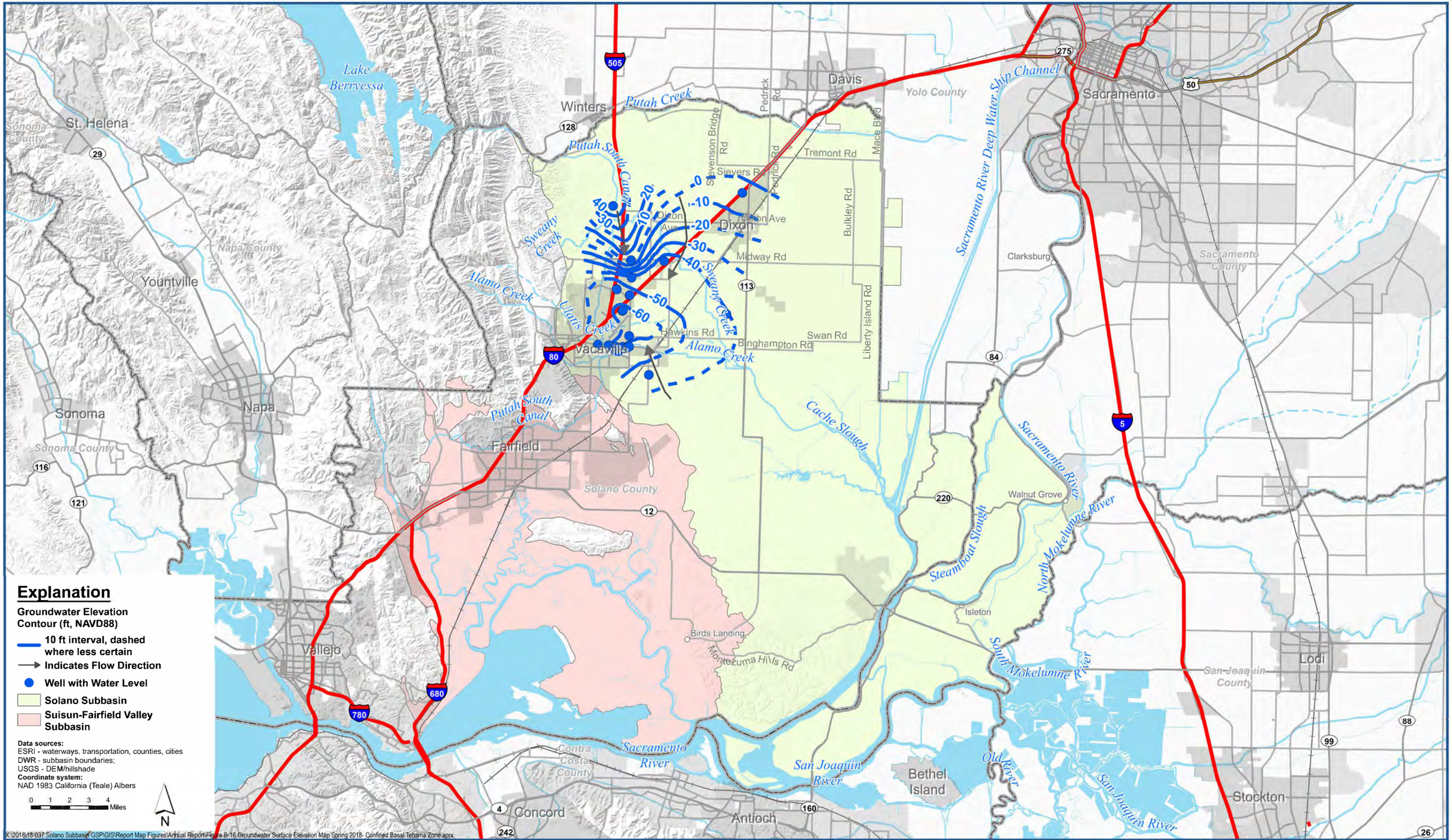
SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2018

Figure B-13

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

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DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

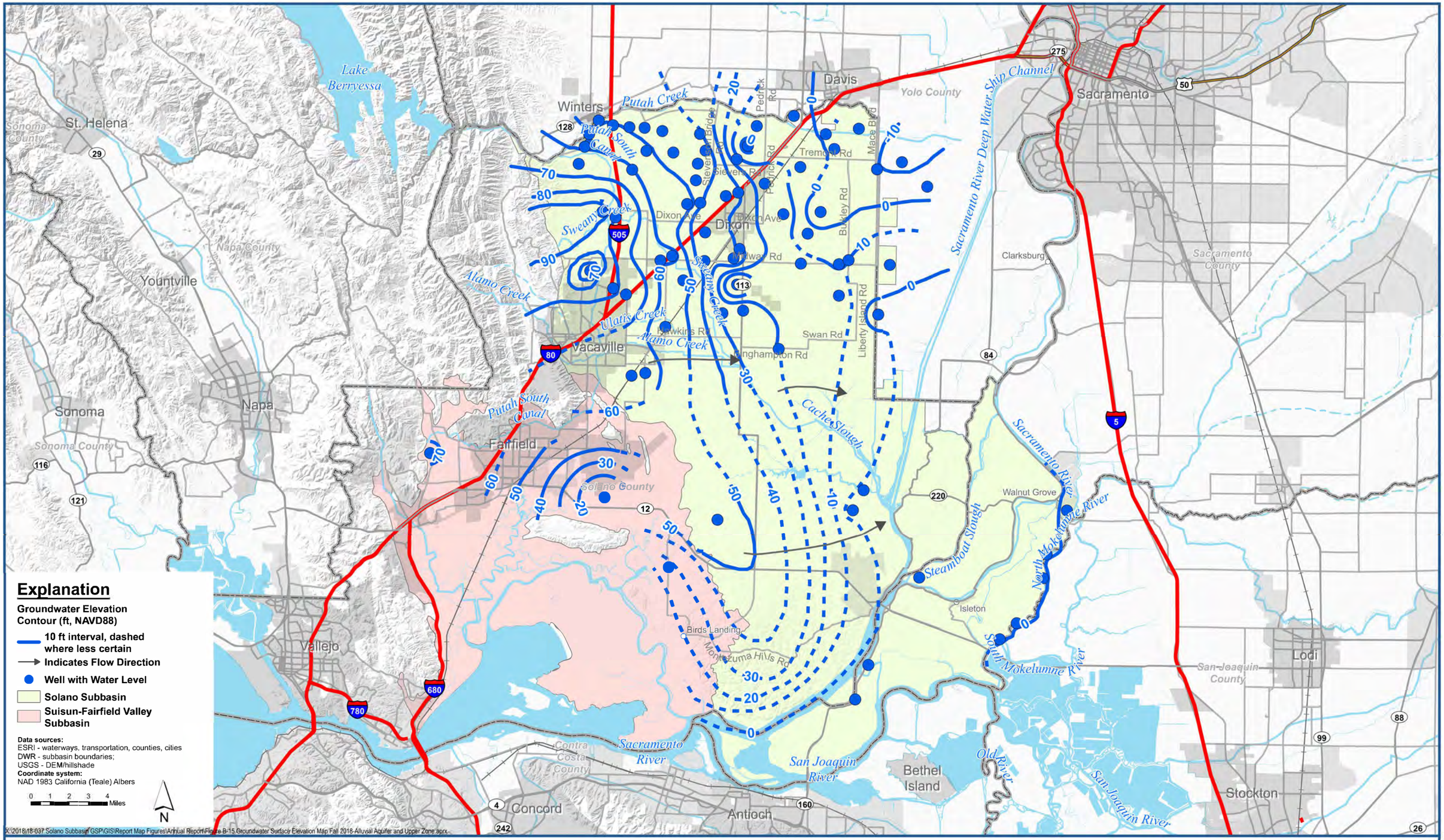
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-16 Groundwater Surface Elevation Map Spring 2018- Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Spring 2018

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-14



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
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- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-15 Groundwater Surface Elevation Map Fall 2018-Alluvial Aquifer and Upper Zone.aprx

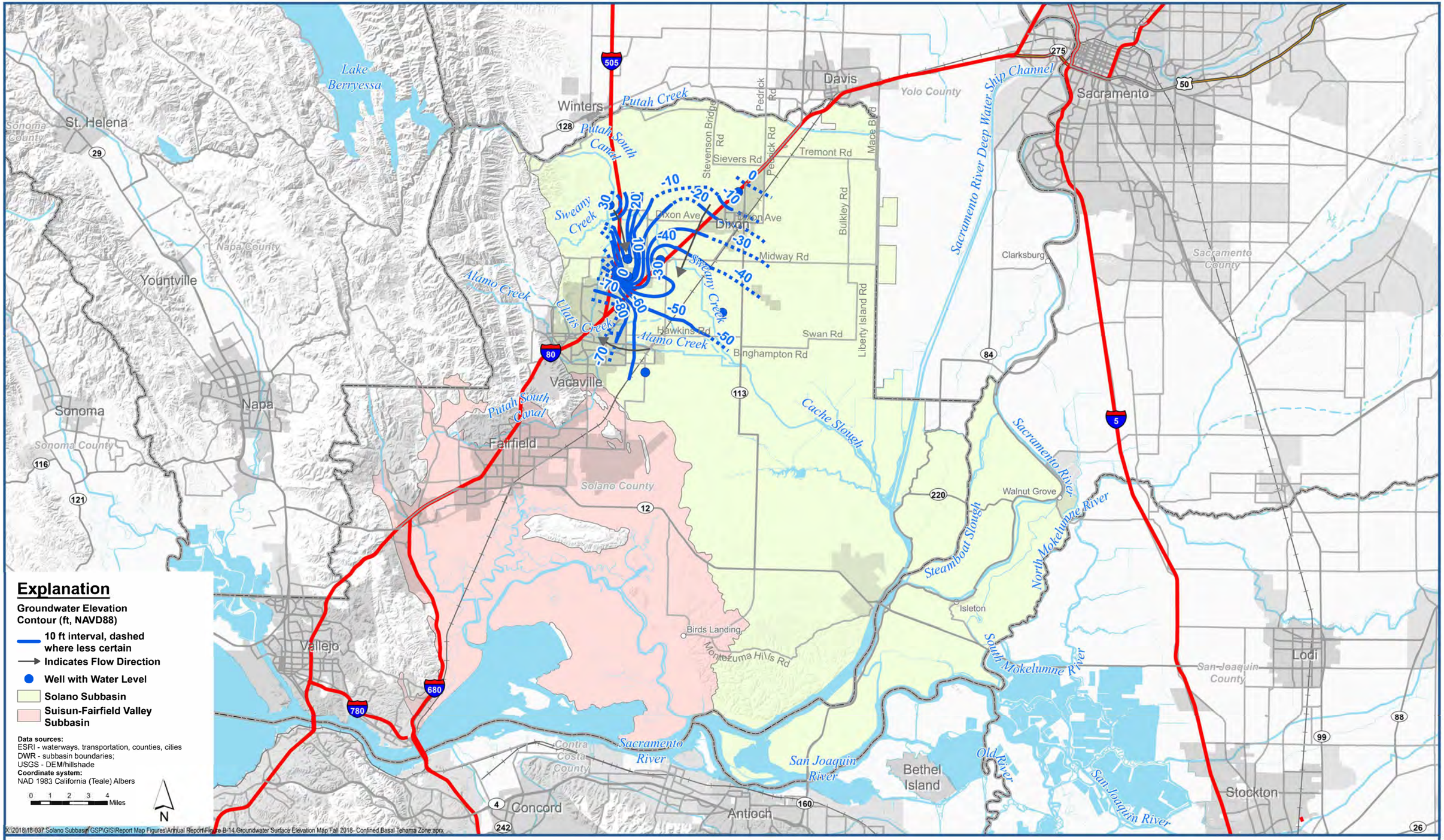
SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Fall 2018

Figure B-15

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

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DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-14 Groundwater Surface Elevation Map Fall 2018- Confined Basal Tehama Zone.aprx

SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2018

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-16

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin\ GSP\GIS\Report Map Figures\Annual Report\Figure B-17 Groundwater Surface Elevation Map Spring 2019- Alluvial Aquifer and Upper Zone.aprx

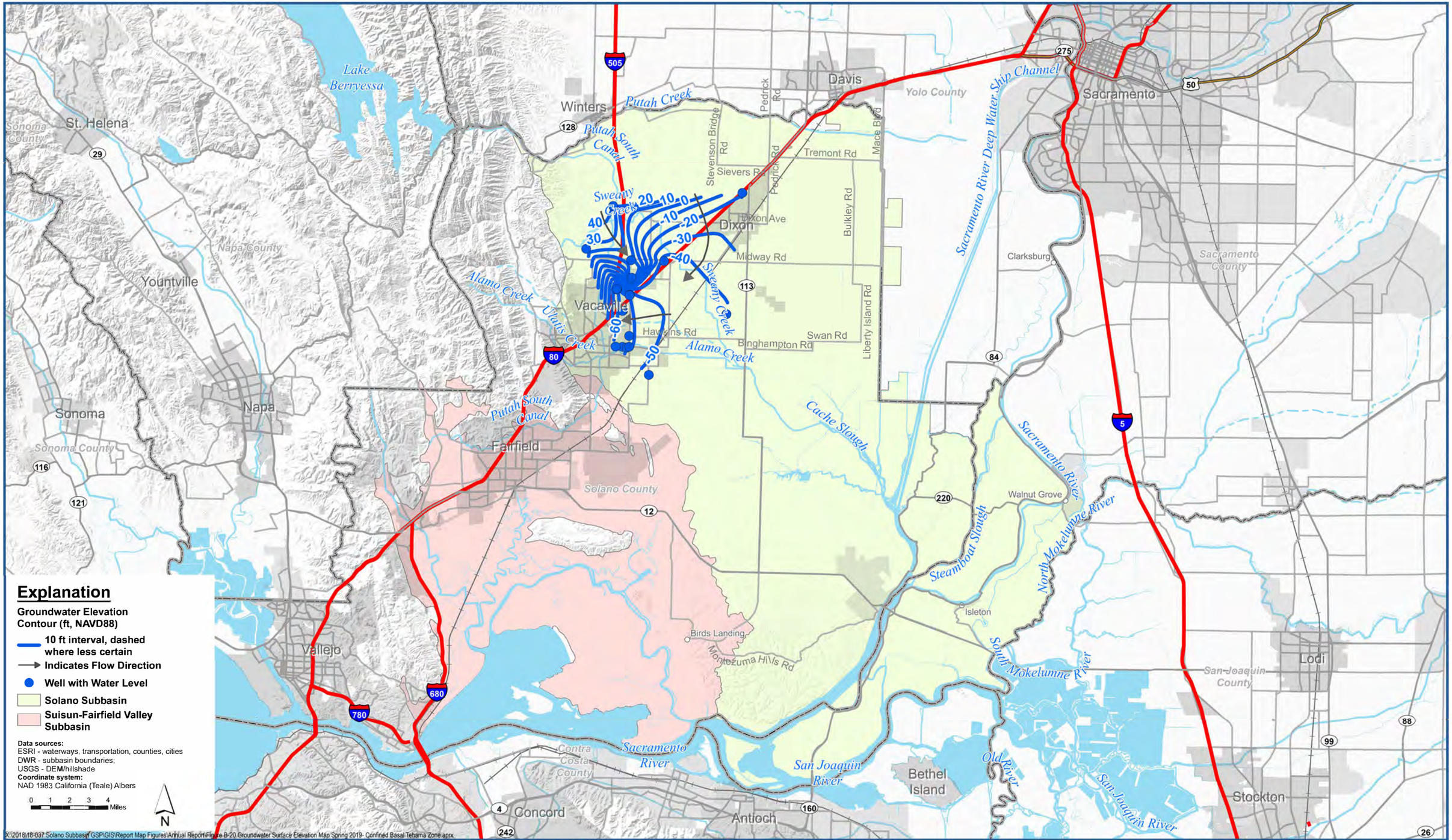
SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2019

Figure B-17

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
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- Suisun-Fairfield Valley Subbasin

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DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

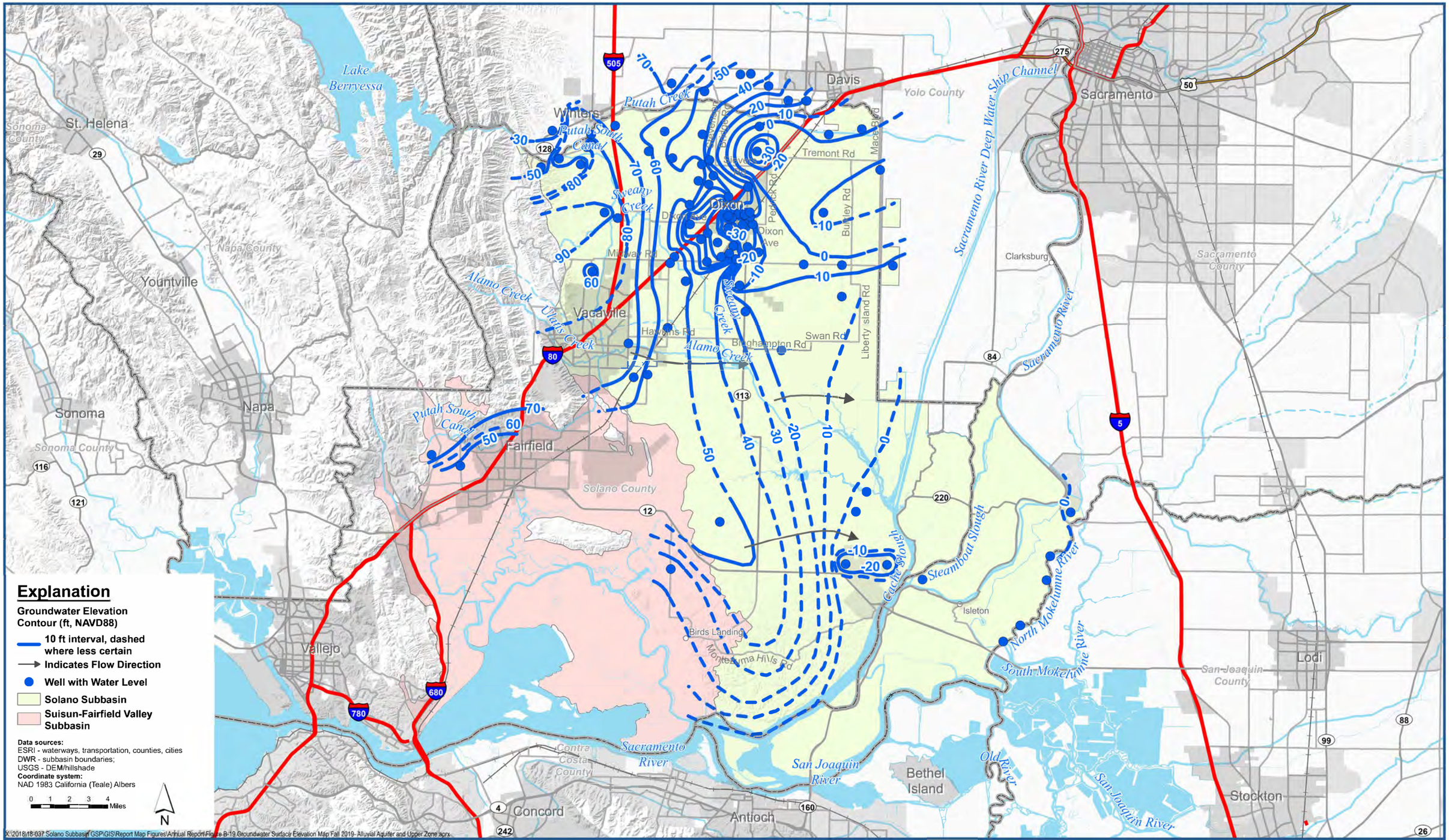
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-20 Groundwater Surface Elevation Map Spring 2019- Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Spring 2019

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-18



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

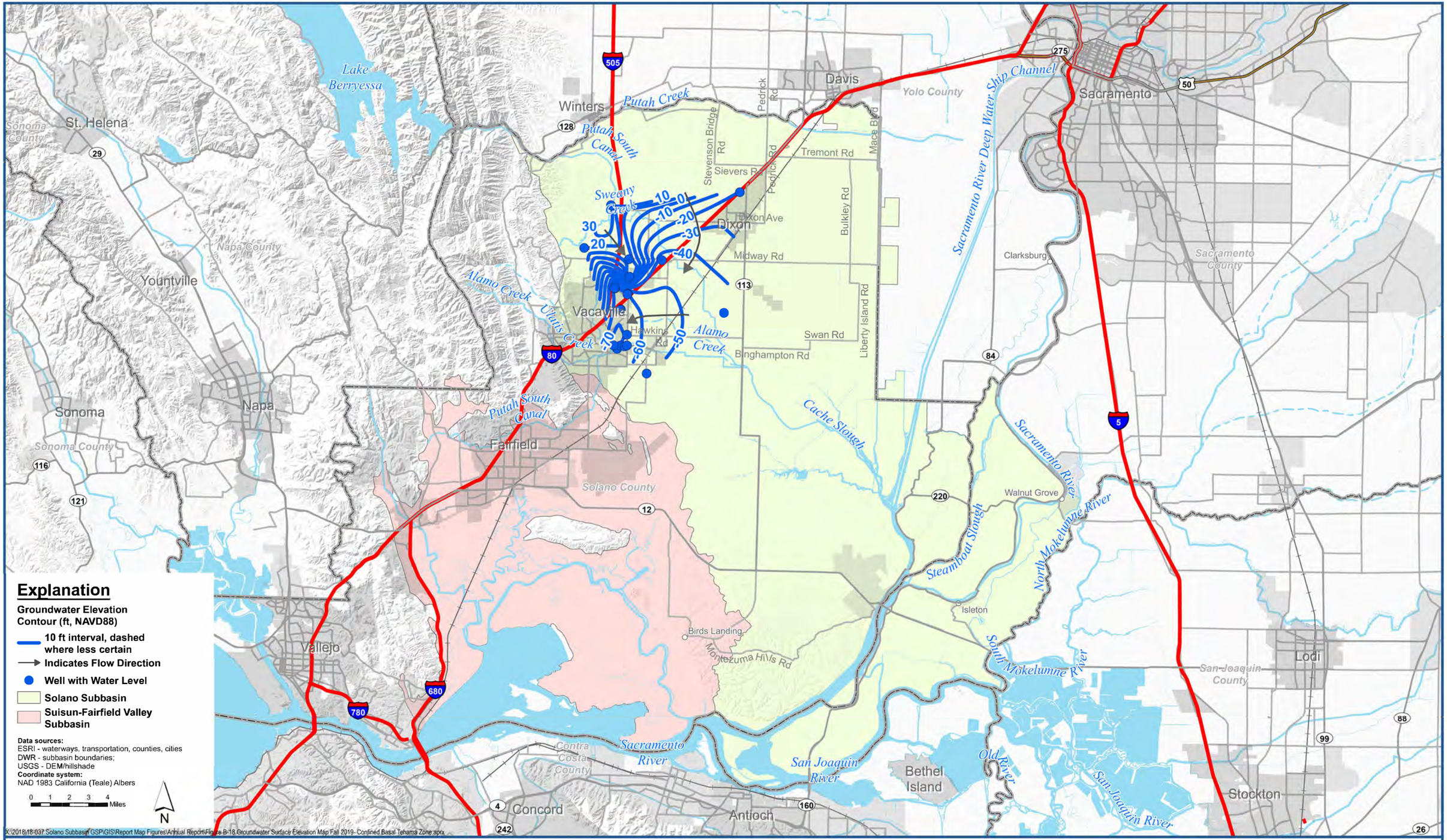
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-19 Groundwater Surface Elevation Map Fall 2019- Alluvial Aquifer and Upper Zone.aprx

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Fall 2019

Figure B-19

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

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LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2019

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-20

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

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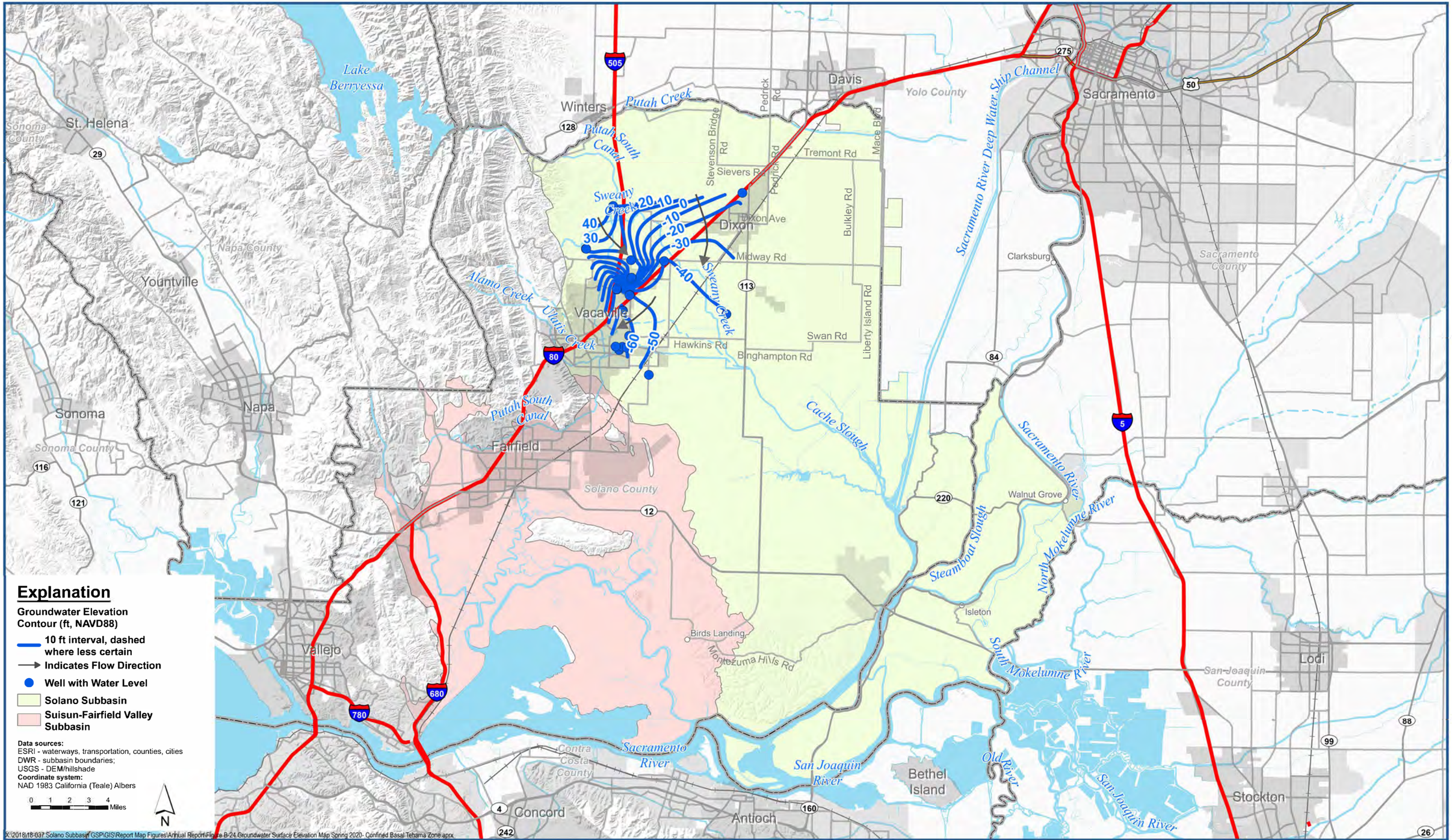
LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2020

Figure B-21

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

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LSCE Team

Groundwater Level: Basal Tehama Zone Spring 2020

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-22

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-23 Groundwater Surface Elevation Map Fall 2020- Alluvial Aquifer and Upper Zone.aprx

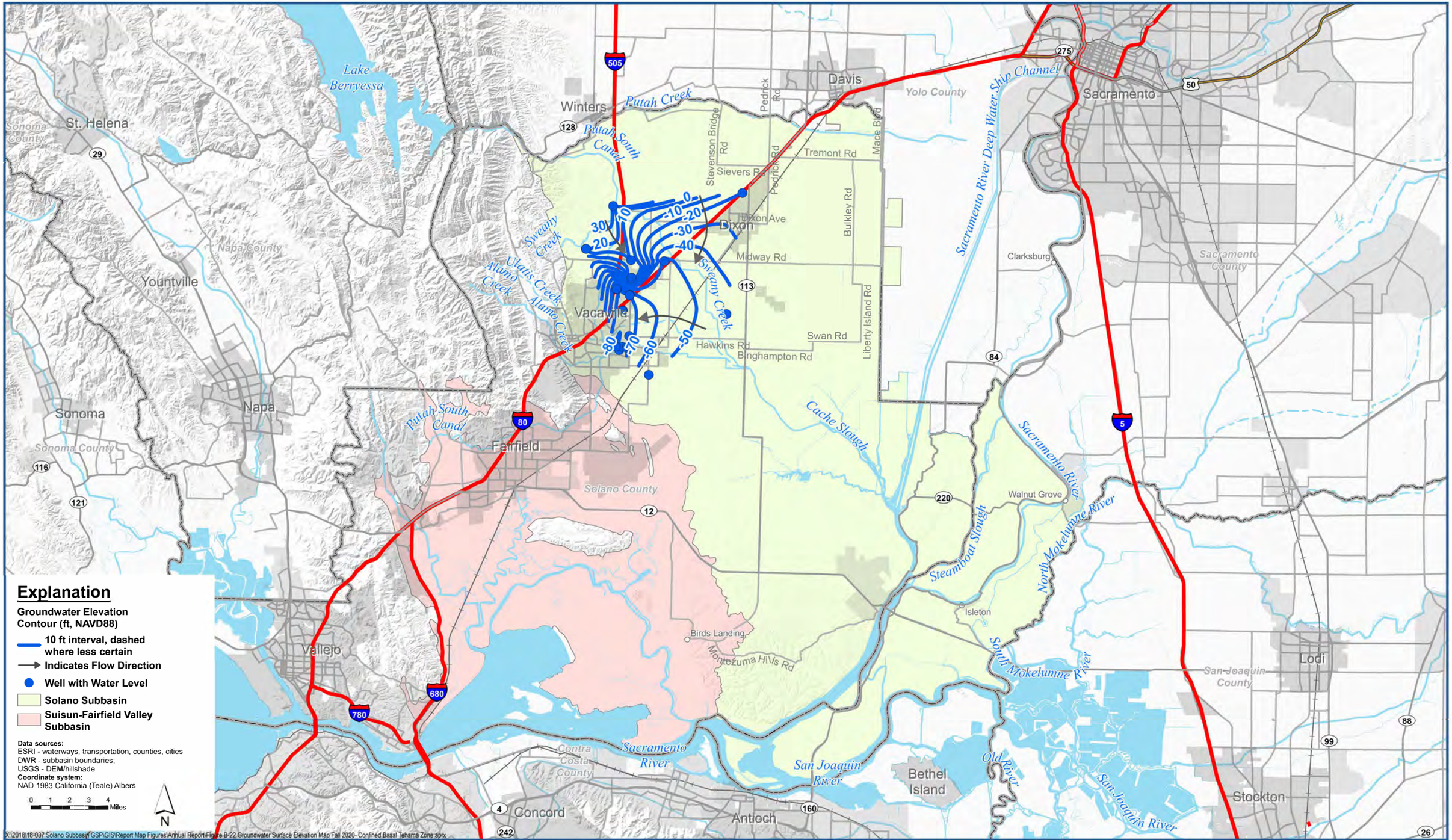
SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Fall 2020

Figure B-23

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

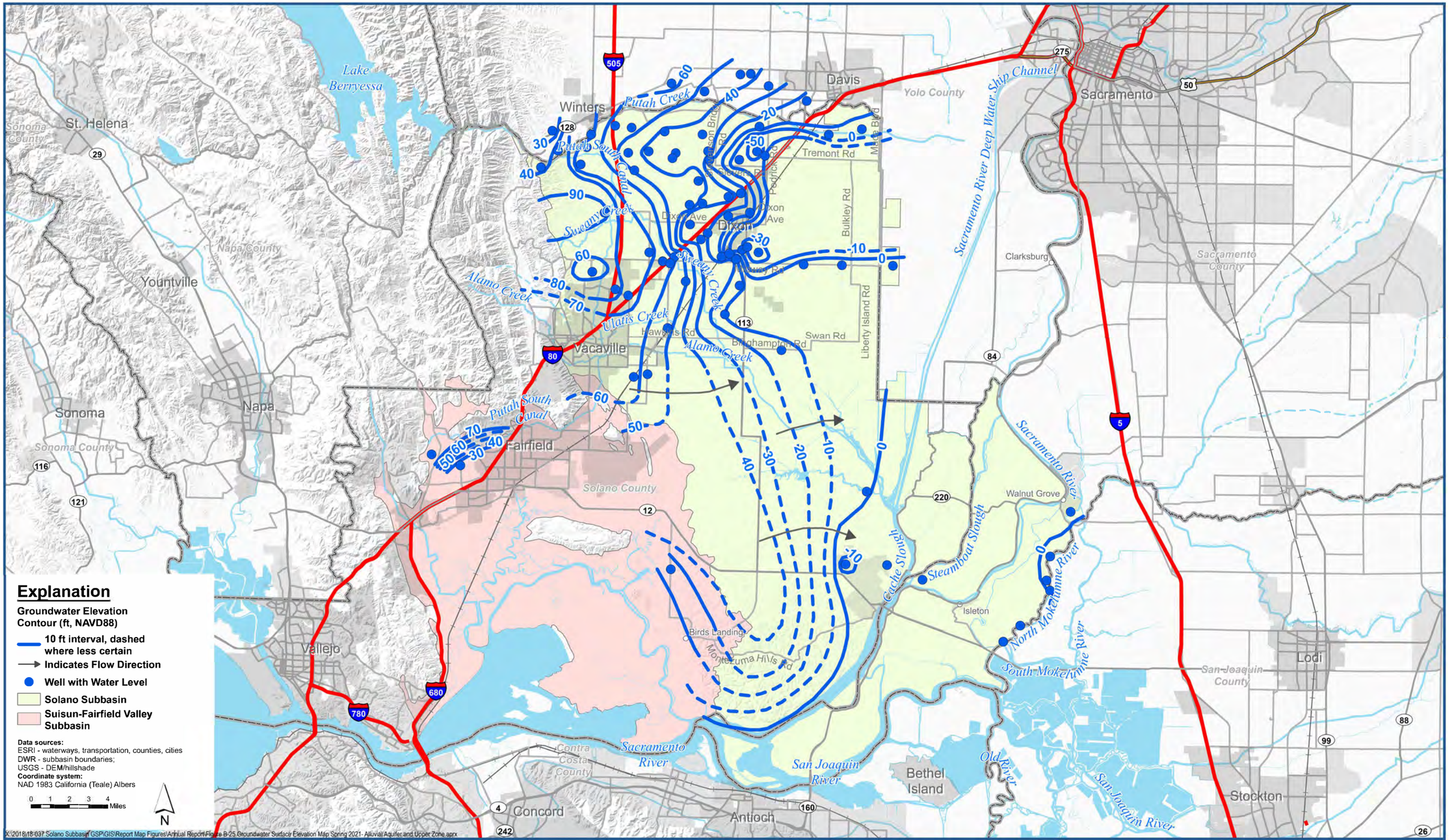
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-22 Groundwater Surface Elevation Map Fall 2020- Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2020

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-24



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

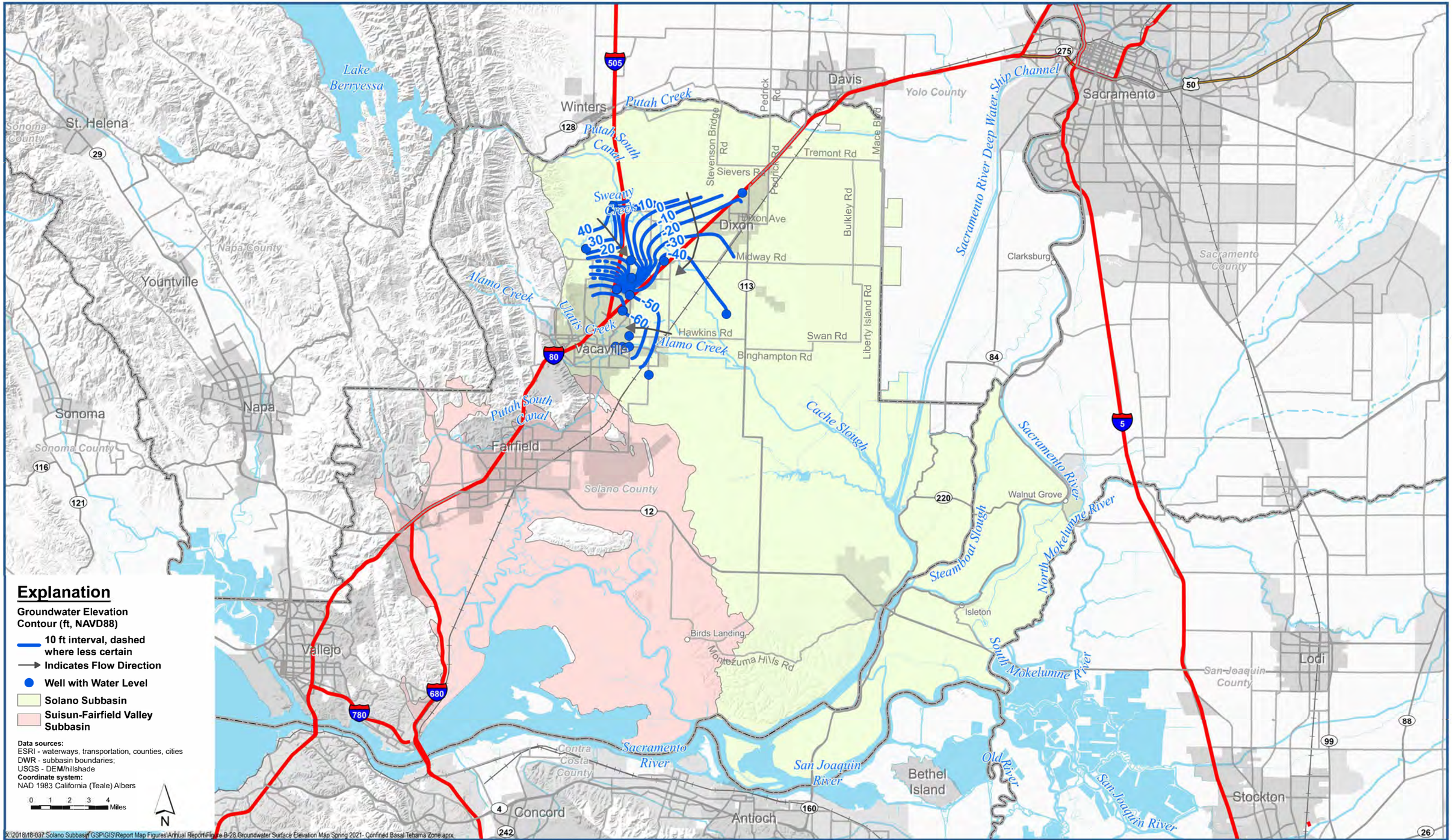
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-25 Groundwater Surface Elevation Map Spring 2021- Alluvial Aquifer and Upper Zone.aprx

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2021

Figure B-25

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-28 Groundwater Surface Elevation Map Spring 2021- Confined Basal Tehama Zone.aprx

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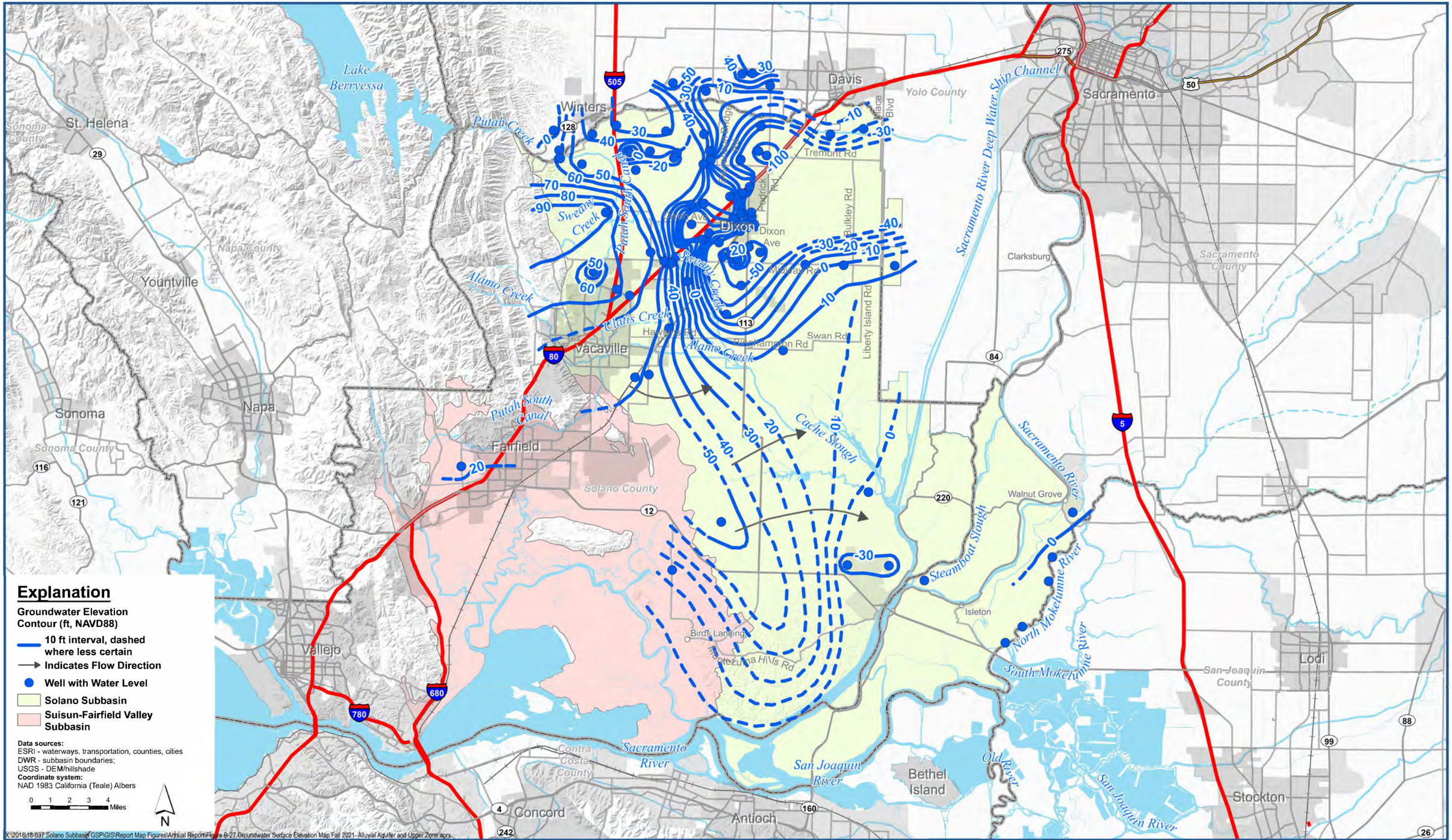
Groundwater Level: Basal Tehama Zone Spring 2021

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-26



SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Fall 2021

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-27

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade

Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

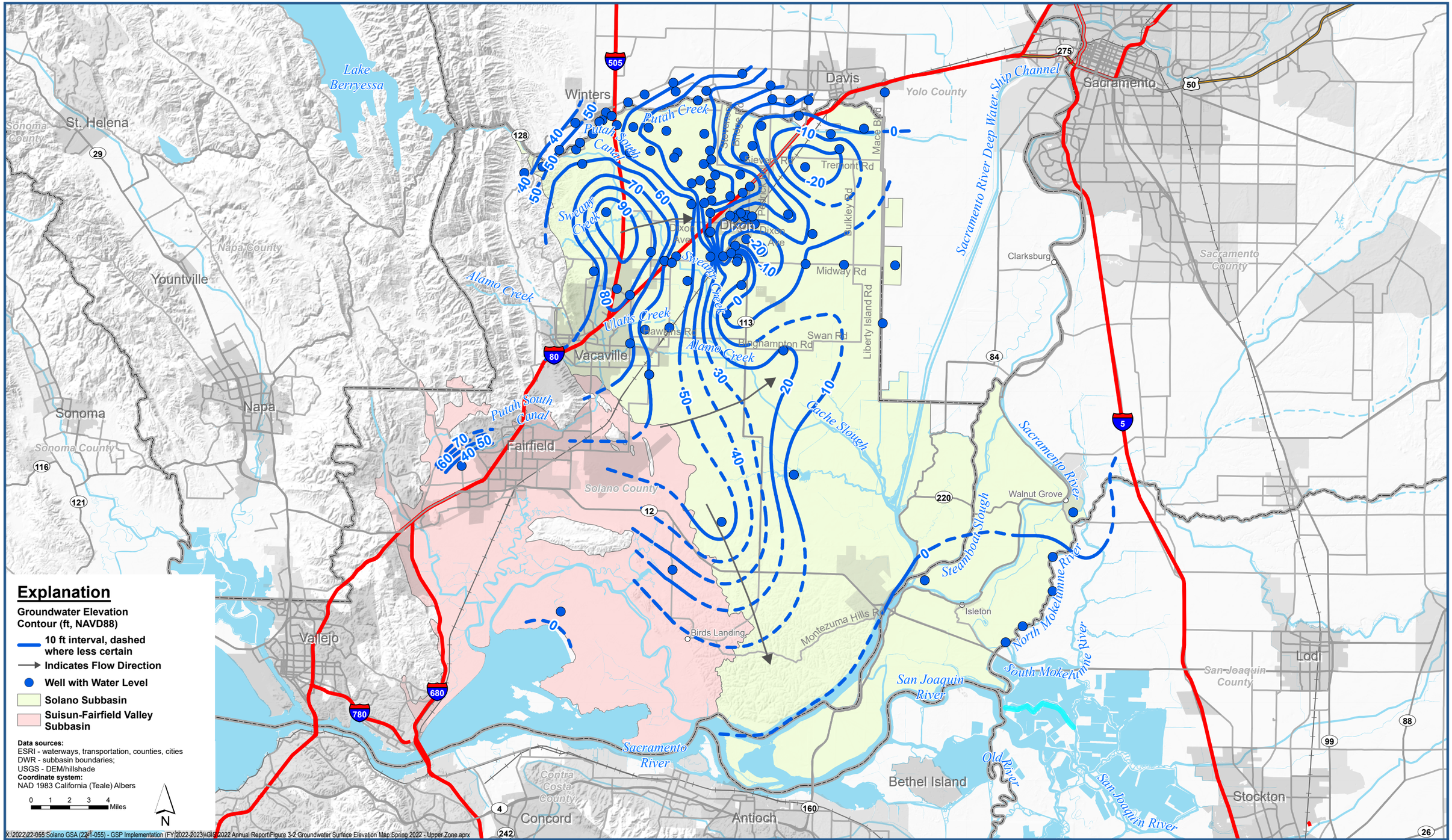
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-26 Groundwater Surface Elevation Map Fall 2021- Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2021

Annual Groundwater Report
Solano Subbasin and Solano County

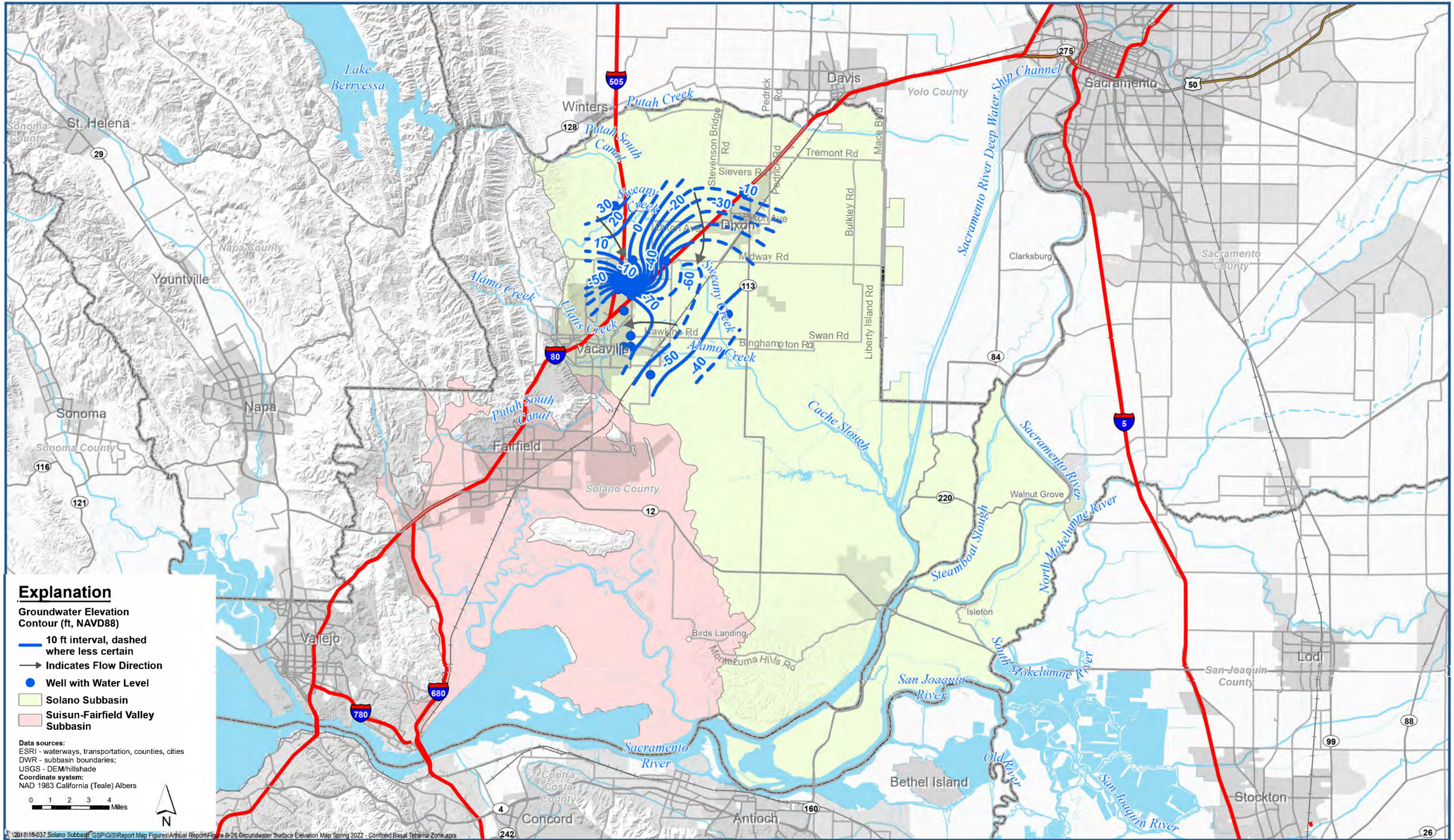
Figure B-28



Groundwater Level: Alluvial Aquifer and Upper Tehama Zone Spring 2022

Figure B-29

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

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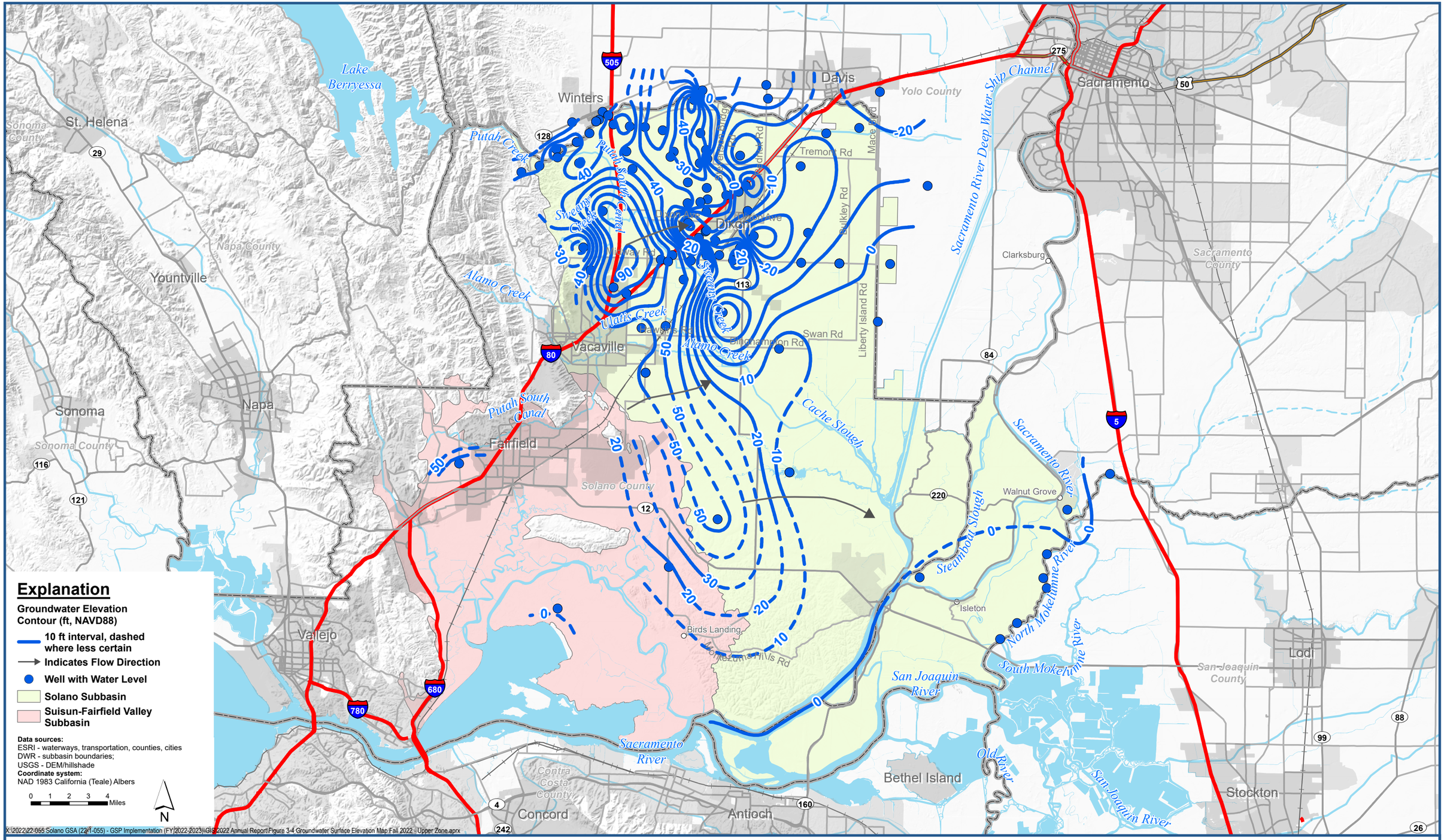
SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

LSCE Team

Groundwater Level: Basal Tehama Zone Spring 2022

Annual Groundwater Report
Solano Subbasin and Solano County

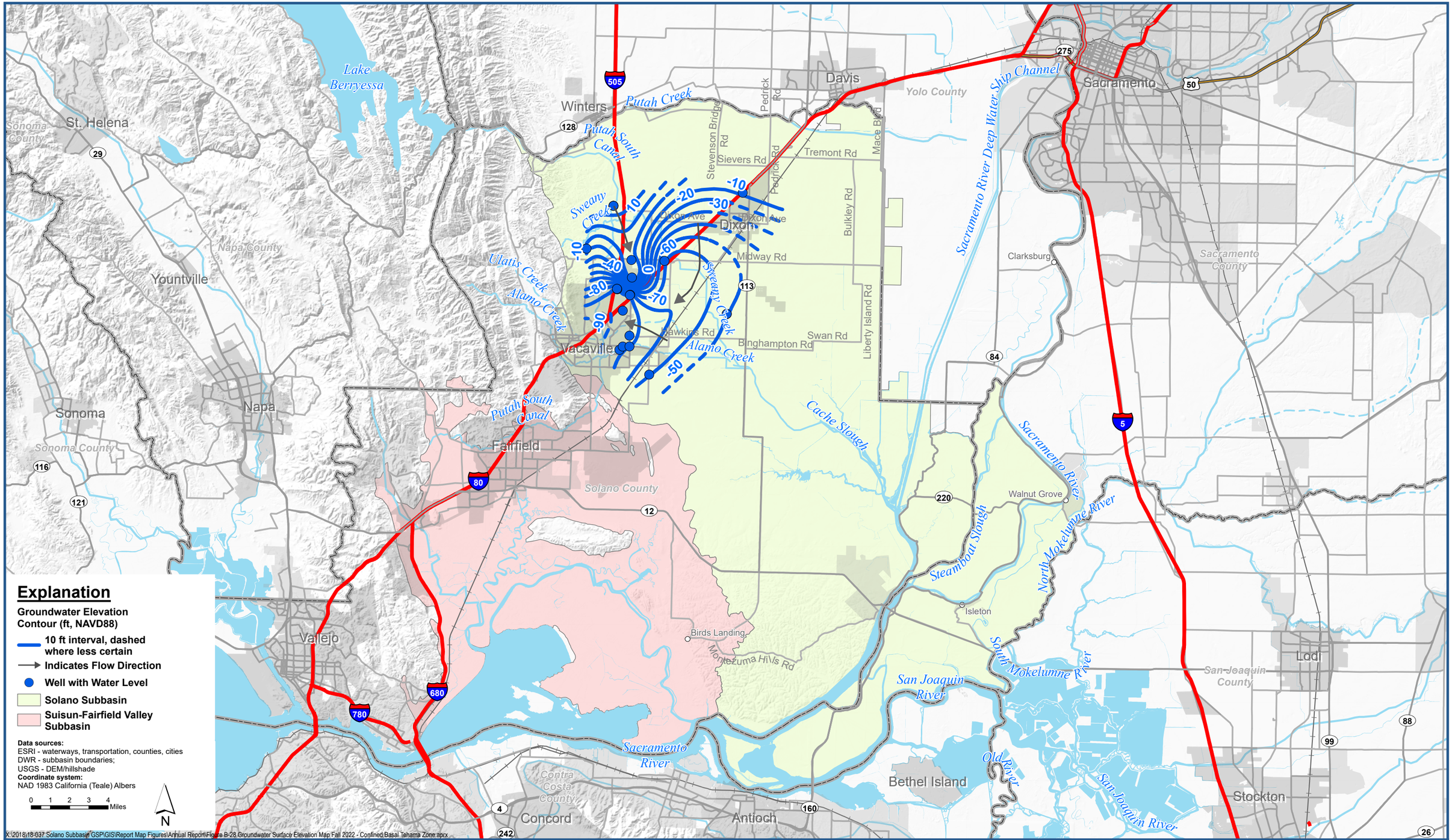
Figure B-30



Groundwater Level: Alluvial Aquifer and Upper Tehama Zone - Fall 2022

Figure B-31

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

N

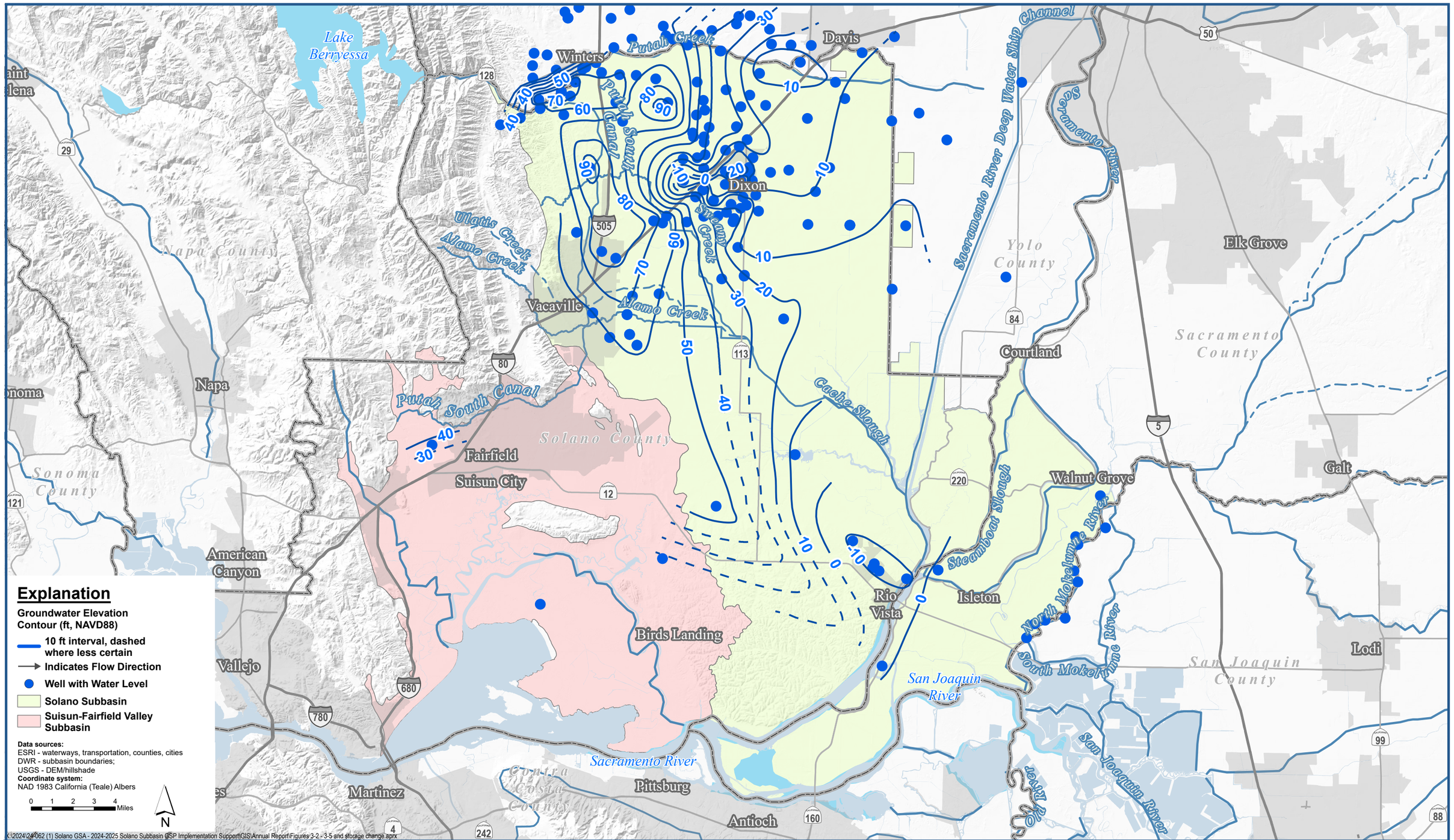
X:\2018\18-037 Solano Subbasin GSP\GIS\Report Map Figures\Annual Report\Figure B-28 Groundwater Surface Elevation Map Fall 2022 - Confined Basal Tehama Zone.aprx

LSCE Team

Groundwater Level: Basal Tehama Zone Fall 2022

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-32



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

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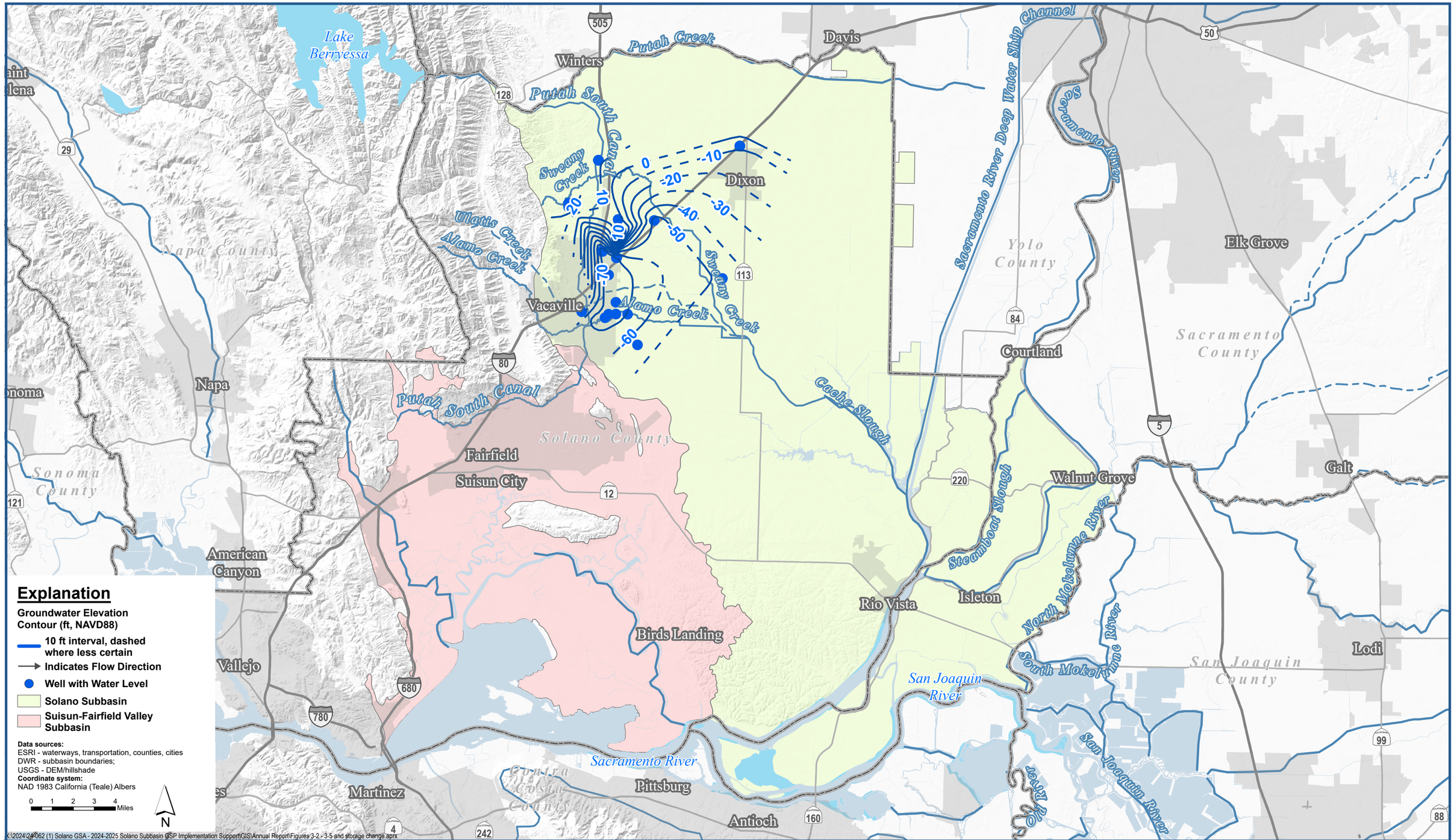
Groundwater Level: Alluvial Aquifer and Upper Zone Spring 2023

Annual Groundwater Report
Solano Subbasin and Solano County

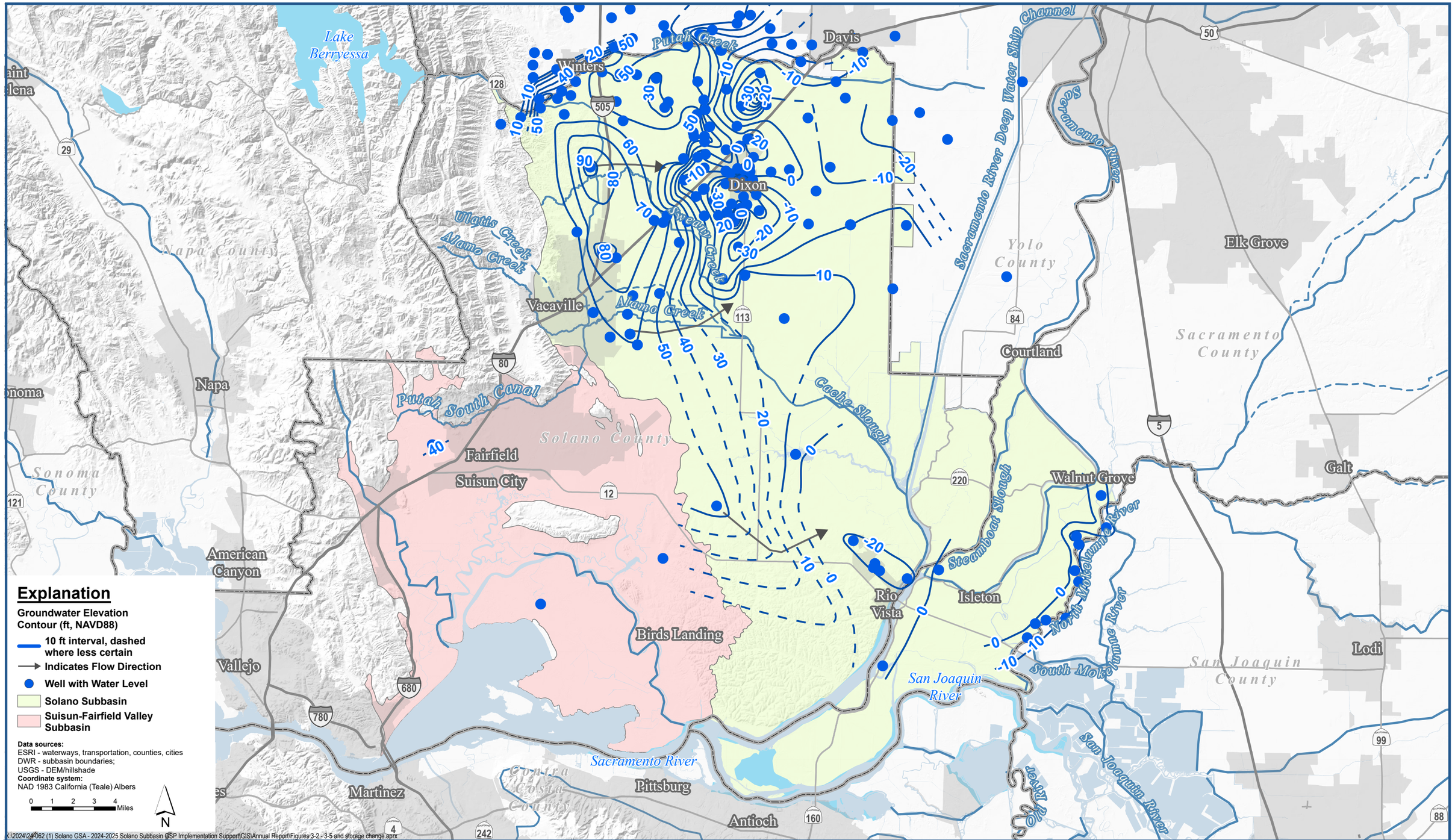
Figure B-33



Groundwater Level: Basal Tehama Zone Spring 2023

Figure B-34

Annual Groundwater Report
Solano Subbasin and Solano County



Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

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DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

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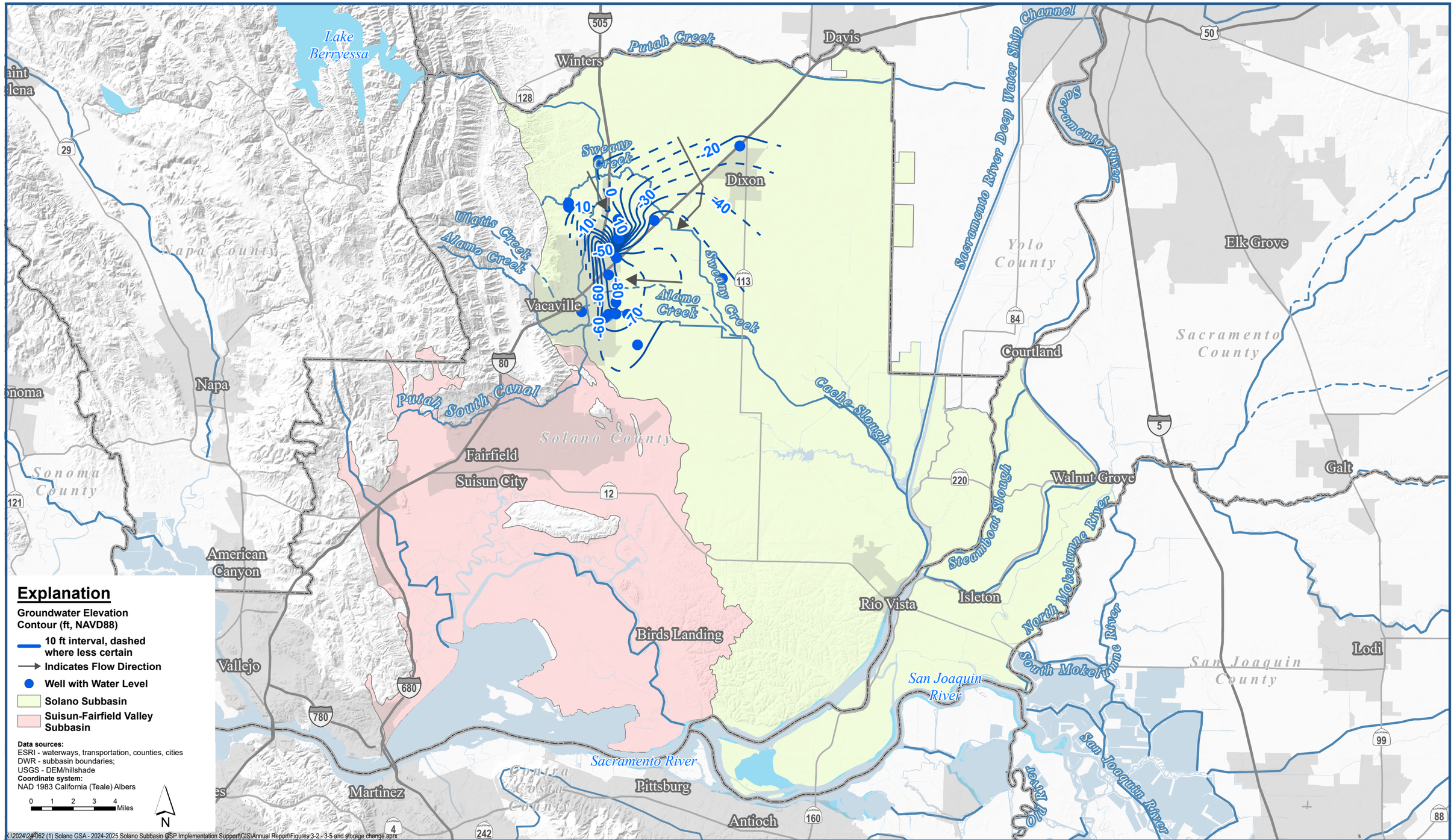
LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Zone Fall 2023

Figure B-35

Annual Groundwater Report
Solano Subbasin and Solano County



Groundwater Level: Basal Tehama Zone Fall 2023

Figure B-36

Annual Groundwater Report
Solano Subbasin and Solano County

Explanation

Groundwater Elevation Contour (ft, NAVD88)

- 10 ft interval, dashed where less certain
- Indicates Flow Direction
- Well with Water Level
- Solano Subbasin
- Suisun-Fairfield Valley Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 3 4 Miles

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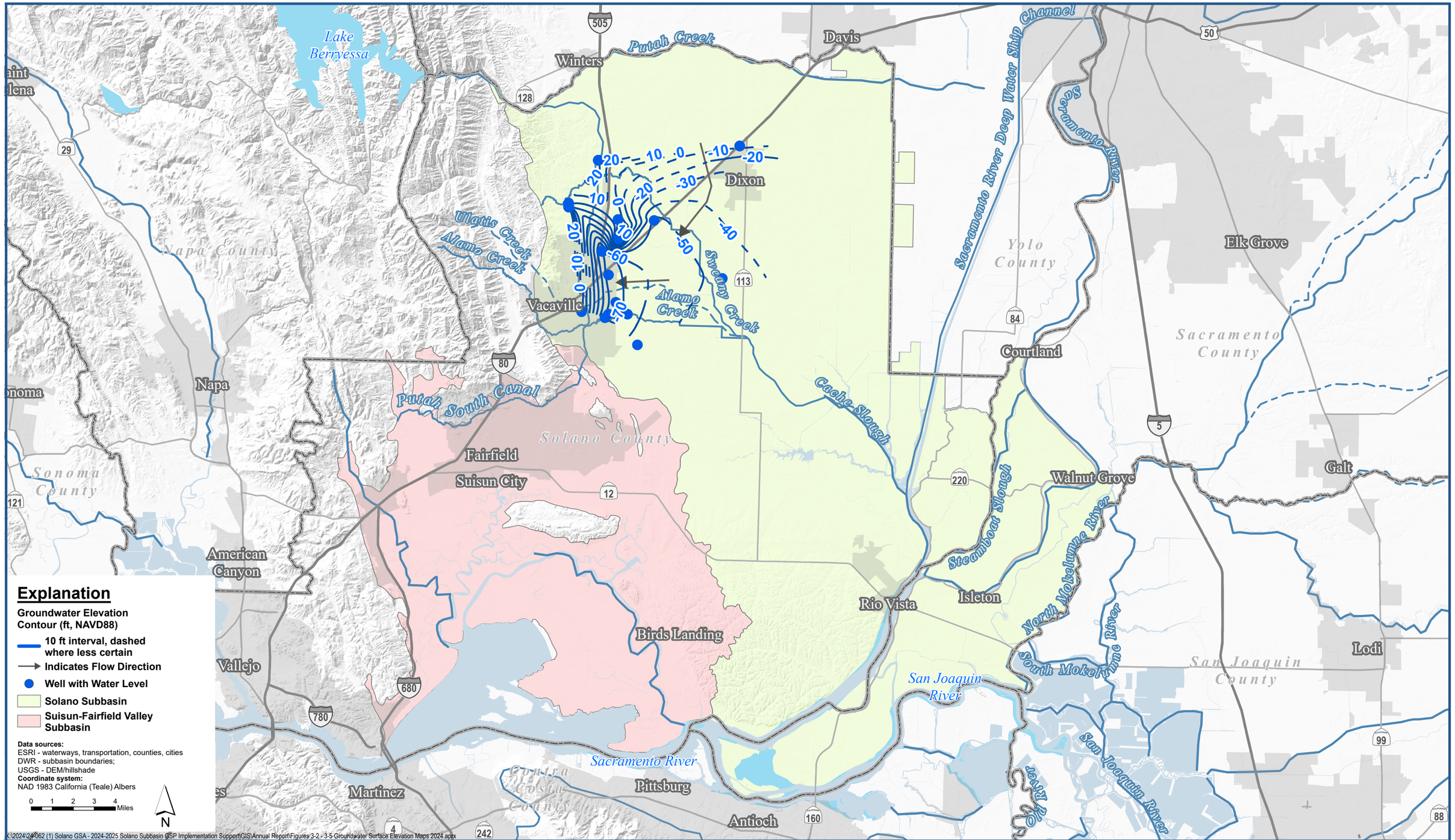
LSCE Team

Groundwater Level: Alluvial Aquifer and Upper Zone Spring 2024

Annual Groundwater Report
Solano Subbasin and Solano County

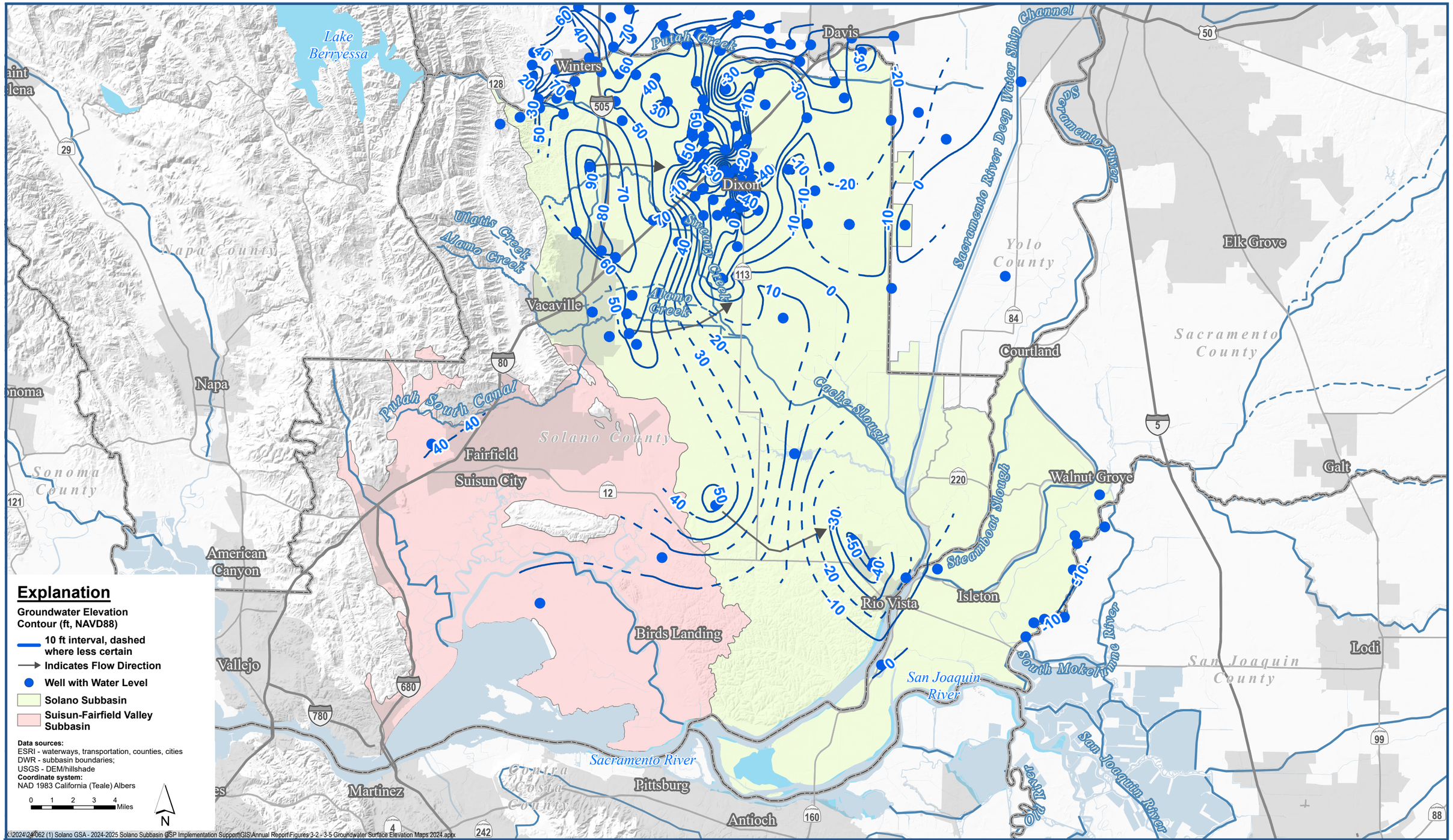
Figure B-37



Groundwater Level: Basal Tehama Zone Spring 2024

Figure B-38

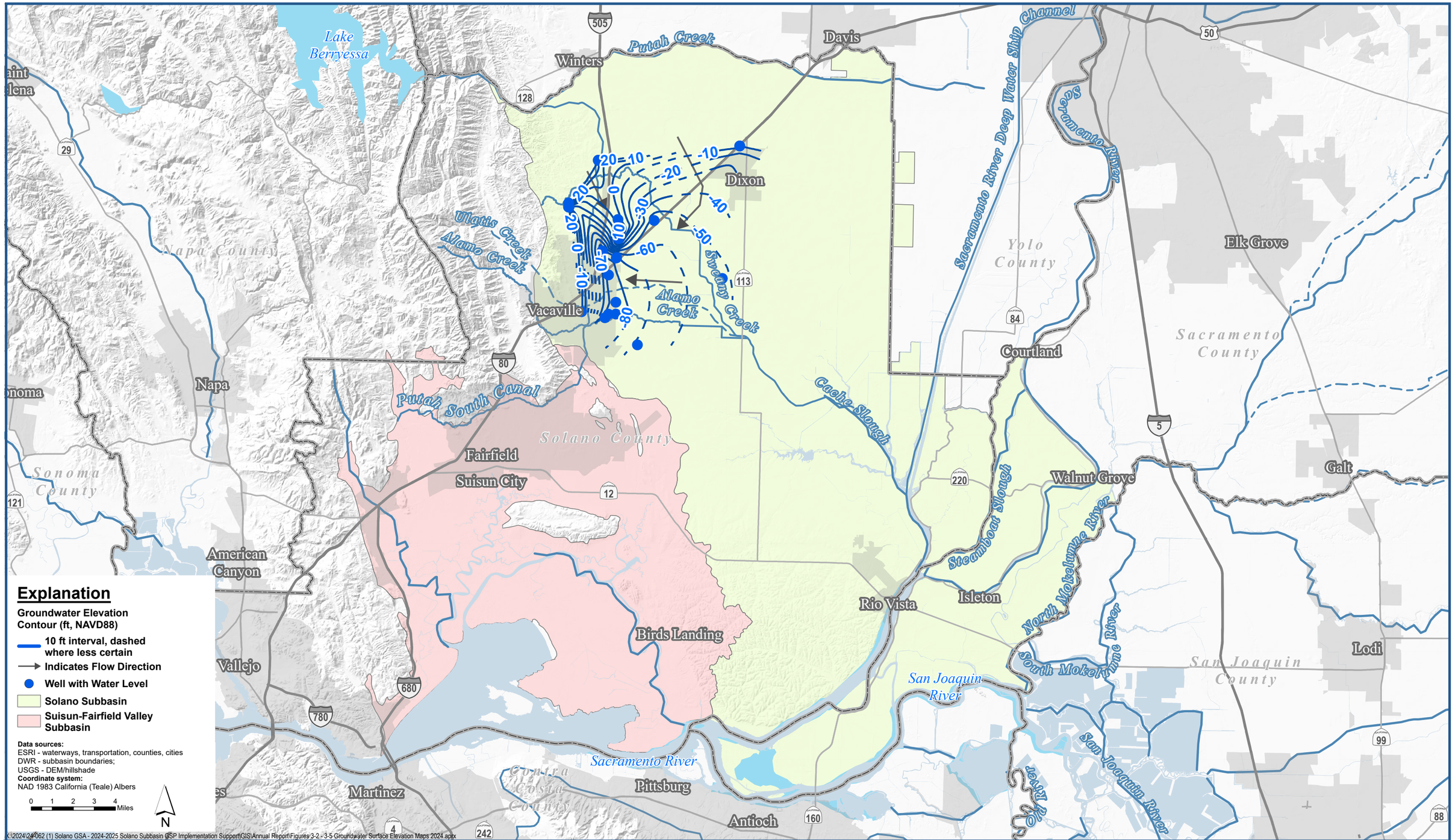
Annual Groundwater Report
Solano Subbasin and Solano County



Groundwater Level: Alluvial Aquifer and Upper Zone Fall 2024

Annual Groundwater Report
Solano Subbasin and Solano County

Figure B-39



Groundwater Level: Basal Tehama Zone Fall 2024

Figure B-40

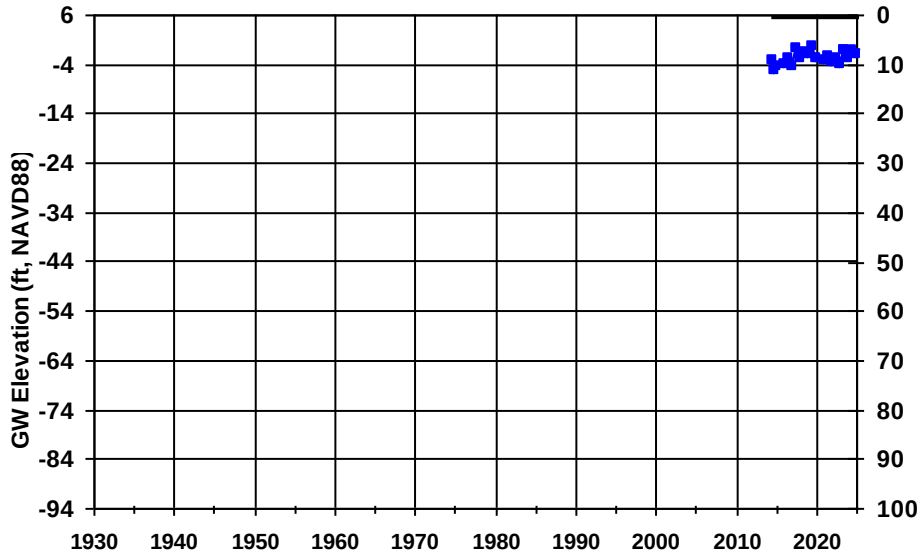
Annual Groundwater Report
Solano Subbasin and Solano County

Appendix C Groundwater Hydrographs

WellID: 03N04E05M001M

Zone: Delta Island

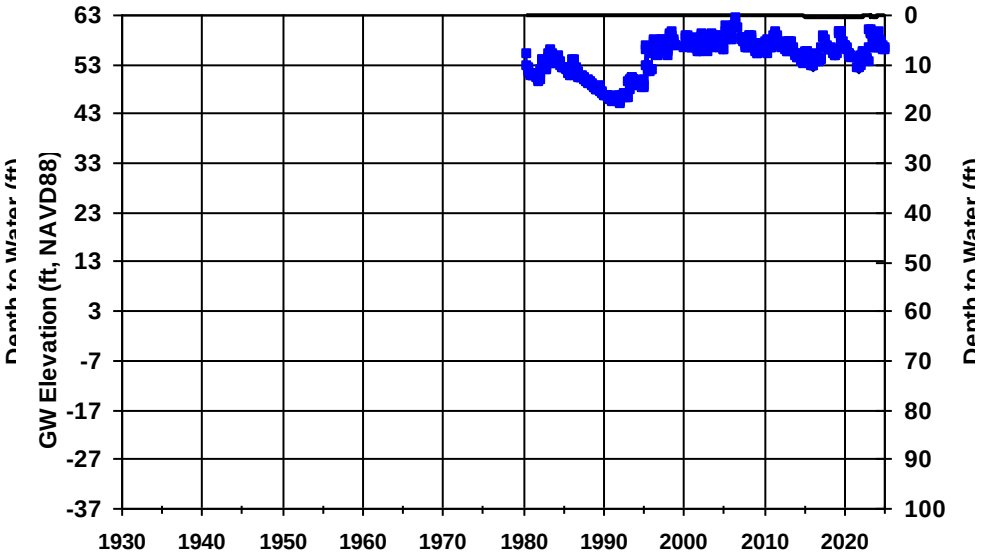
Source: DWR Perf Int (ft): N/A RPE (ft): 5.73 Well Depth (ft): 20



WellID: 04N01E02E001M

Zone: Montezuma Formation?

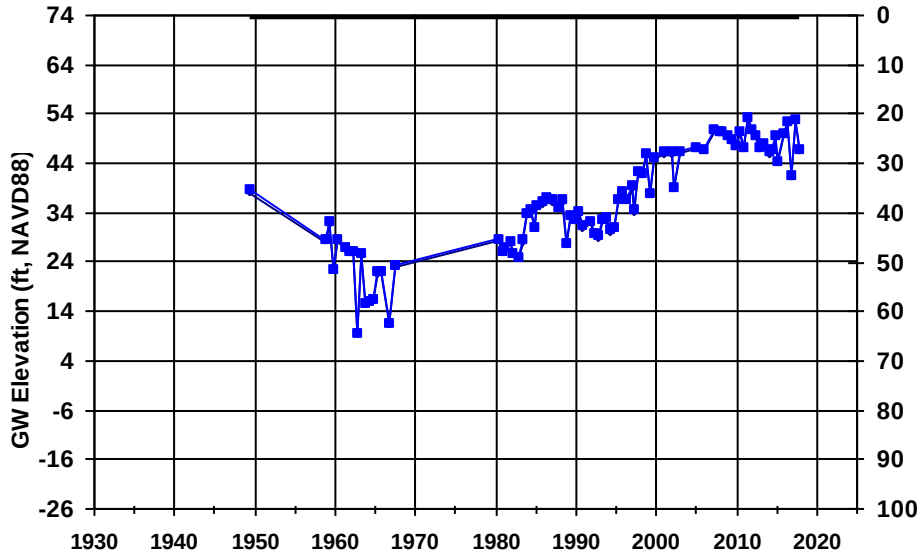
Source: DWR Perf Int (ft): N/A RPE (ft): 62.52 Well Depth (ft): 74



WellID: 04N01E02G001M

Zone: Montezuma Formation?

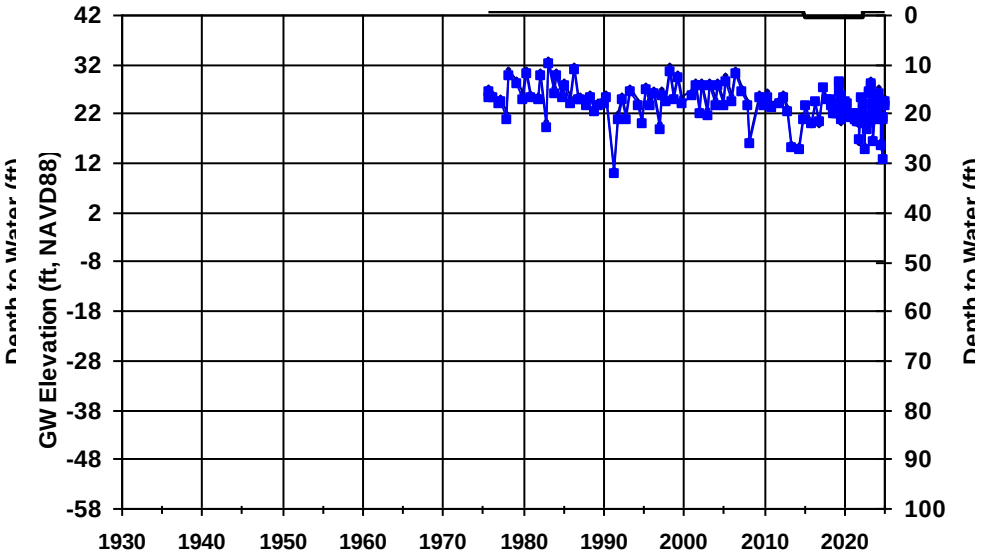
Source: DWR Perf Int (ft): N/A RPE (ft): 73.52 Well Depth (ft): 420



WellID: 04N01E17Q002M

Zone: Quaternary Alluvium (possible)

Source: DWR Perf Int (ft): 60-120* RPE (ft): 41.53 Well Depth (ft): 120



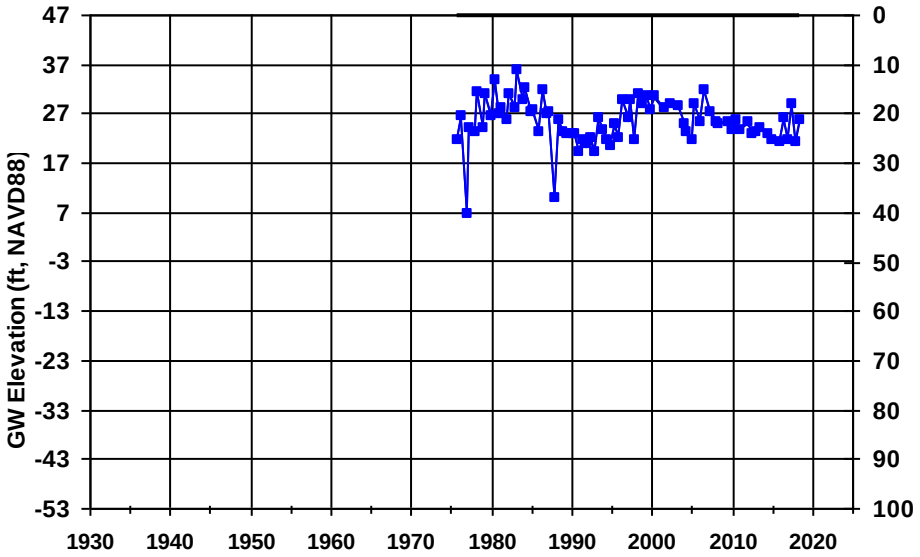
Manual Water Level Measurement

* Multiple Screens

WellID: 04N01E20F001M

Zone: Unknown

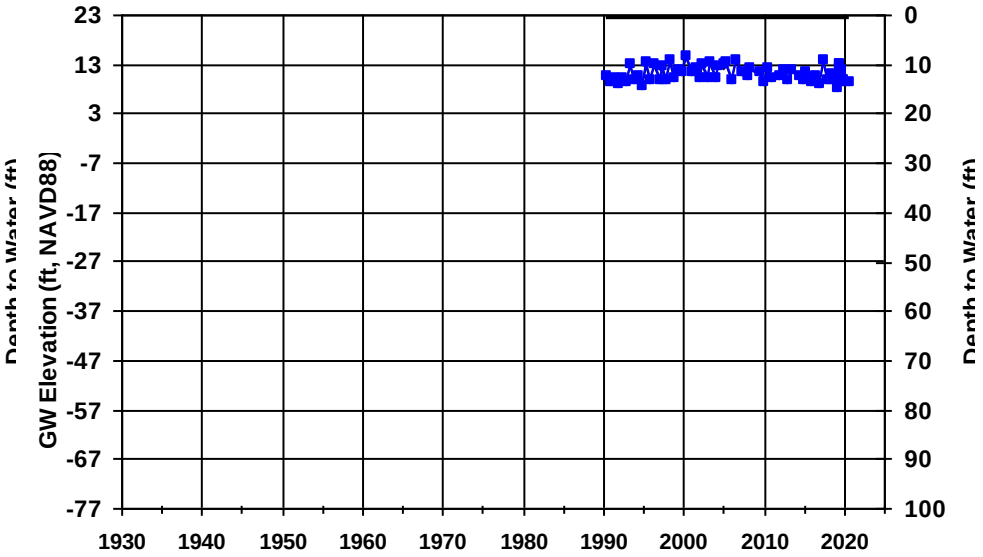
Source: DWR Perf Int (ft): 30-140* RPE (ft): 46.83 Well Depth (ft): 141



WellID: 04N01W03J001M

Zone: Unknown

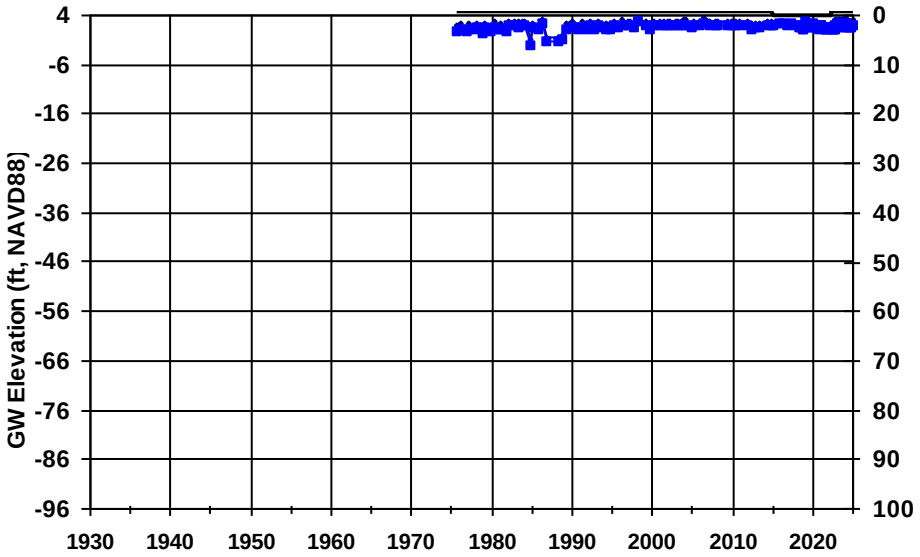
Source: DWR Perf Int (ft): N/A RPE (ft): 22.56 Well Depth (ft):



WellID: 04N01W32G001M

Zone: Unknown

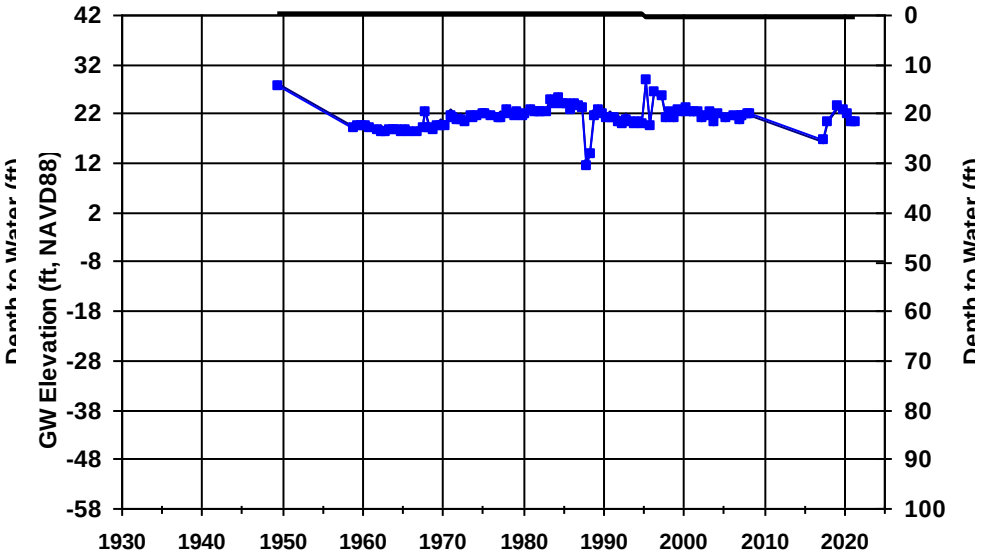
Source: DWR Perf Int (ft): 200-240 RPE (ft): 3.94 Well Depth (ft): 240



WellID: 04N02E09A001M

Zone: Montezuma Formation

Source: DWR Perf Int (ft): 174-285 RPE (ft): 41.67 Well Depth (ft): 285



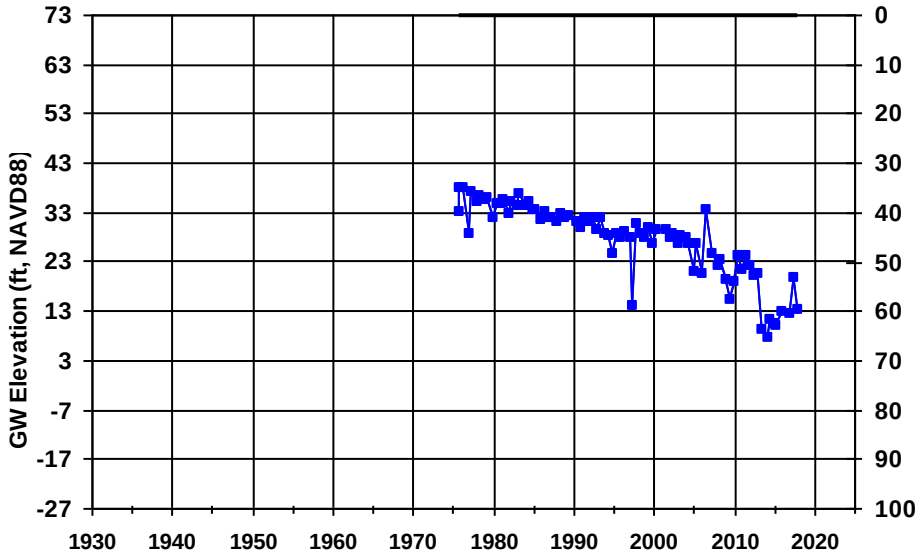
Manual Water Level Measurement

* Multiple Screens

WellID: 04N02E22P001M

Zone: Montezuma Formation

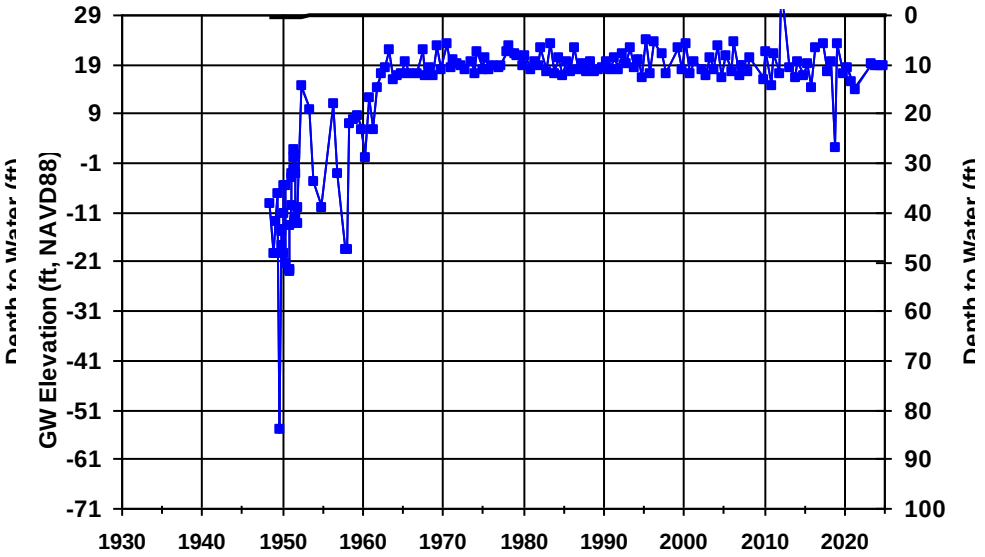
Source: DWR Perf Int (ft): 116-130 RPE (ft): 72.87 Well Depth (ft): 130



WellID: 04N02W04D002M

Zone: Unknown

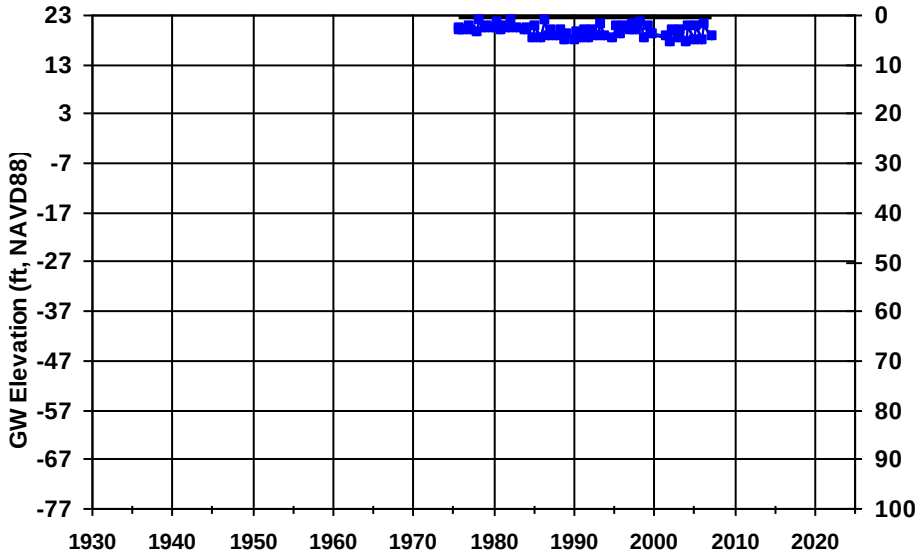
Source: DWR Perf Int (ft): N/A RPE (ft): 28.61 Well Depth (ft): 102



WellID: 04N02W04F003M

Zone: Unknown

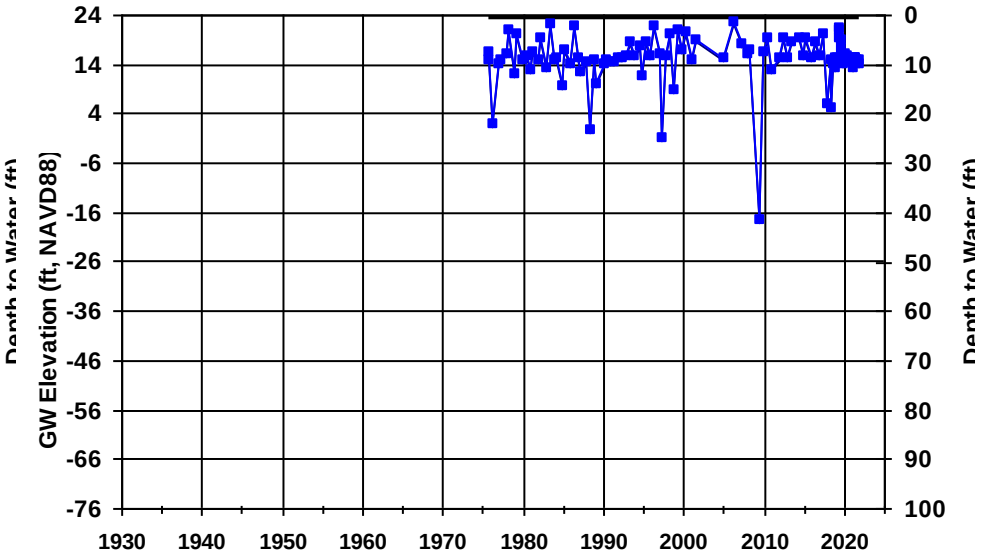
Source: DWR Perf Int (ft): 189-295 RPE (ft): 22.6 Well Depth (ft): 295



WellID: 04N02W05L007M

Zone: Unknown

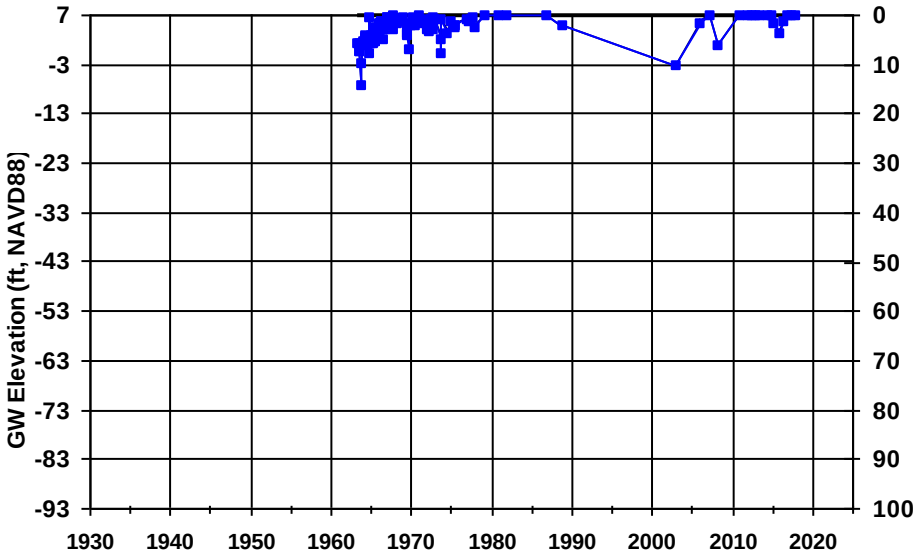
Source: DWR Perf Int (ft): 100-168 RPE (ft): 23.6 Well Depth (ft): 170



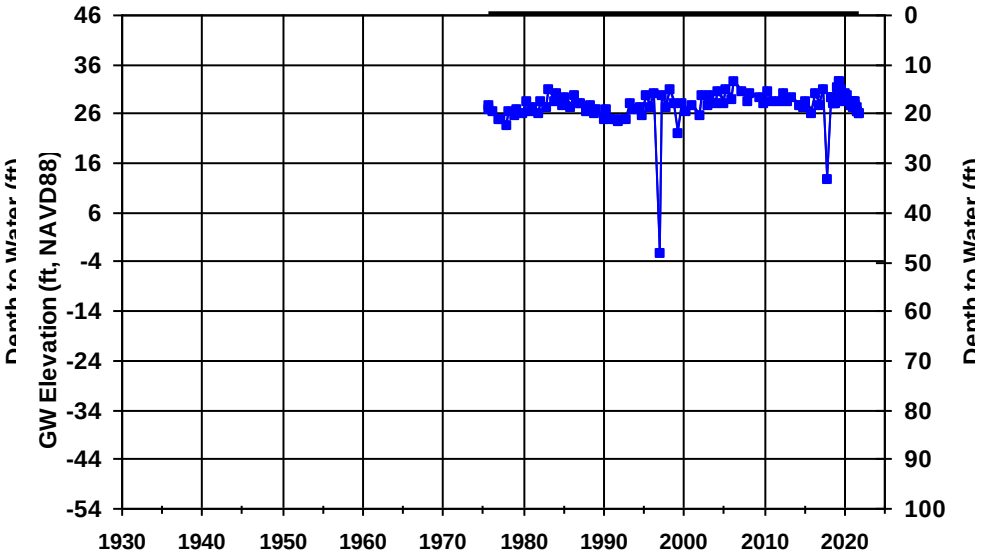
Manual Water Level Measurement

* Multiple Screens

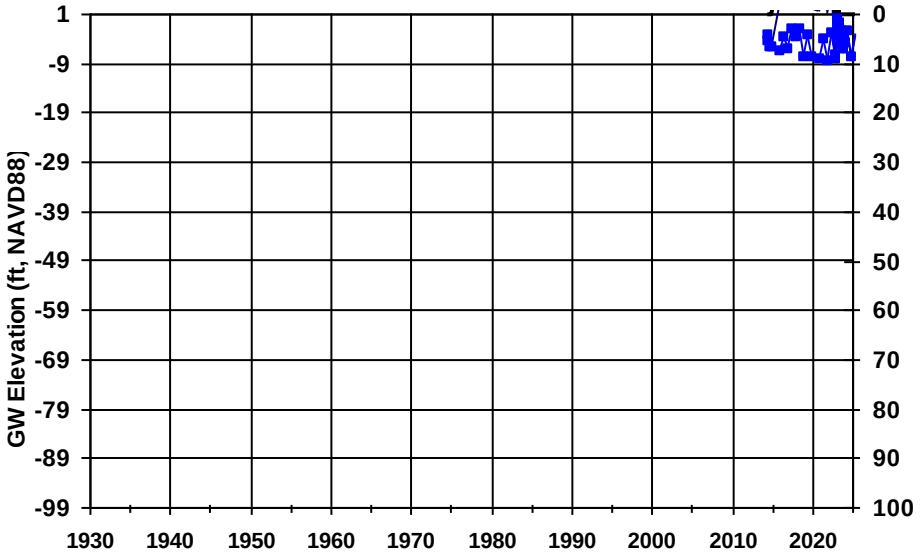
WellID: 04N02W09H001M
Zone: Unknown
Source: DWR Perf Int (ft): N/A RPE (ft): 7.19 Well Depth (ft): 180



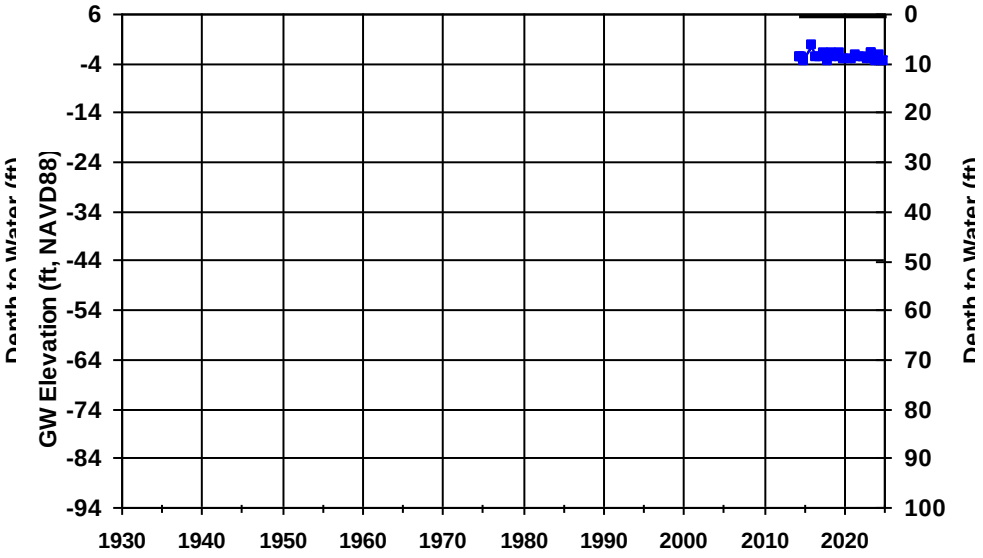
WellID: 04N03W12G001M
Zone: Unknown
Source: DWR Perf Int (ft): 47-167 RPE (ft): 46.39 Well Depth (ft): 167



WellID: 04N04E02B001M
Zone: Delta Island
Source: DWR Perf Int (ft): N/A RPE (ft): 0.893 Well Depth (ft): 20



WellID: 04N04E15G002M
Zone: Delta Island
Source: DWR Perf Int (ft): 10-20 RPE (ft): 5.73 Well Depth (ft): 20

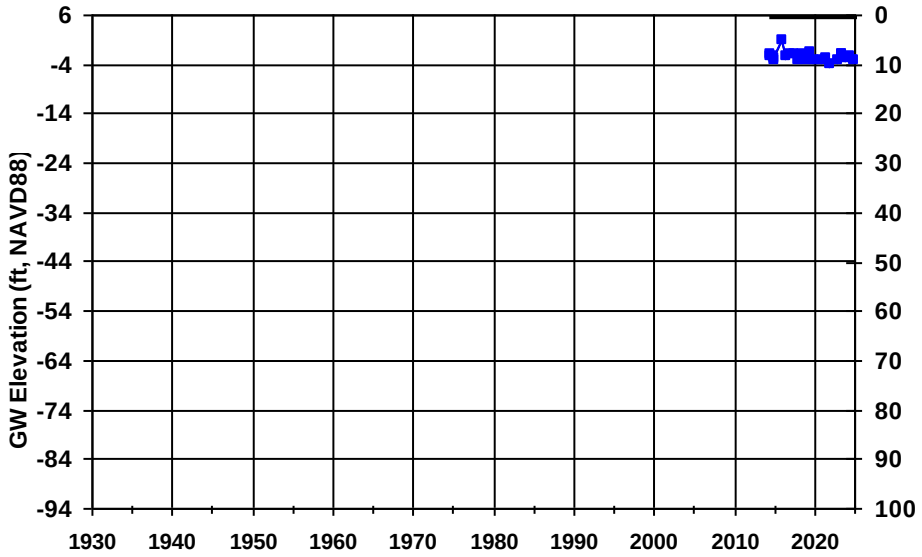


Manual Water Level Measurement
* Multiple Screens

WellID: 04N04E22L001M

Zone: Delta Island

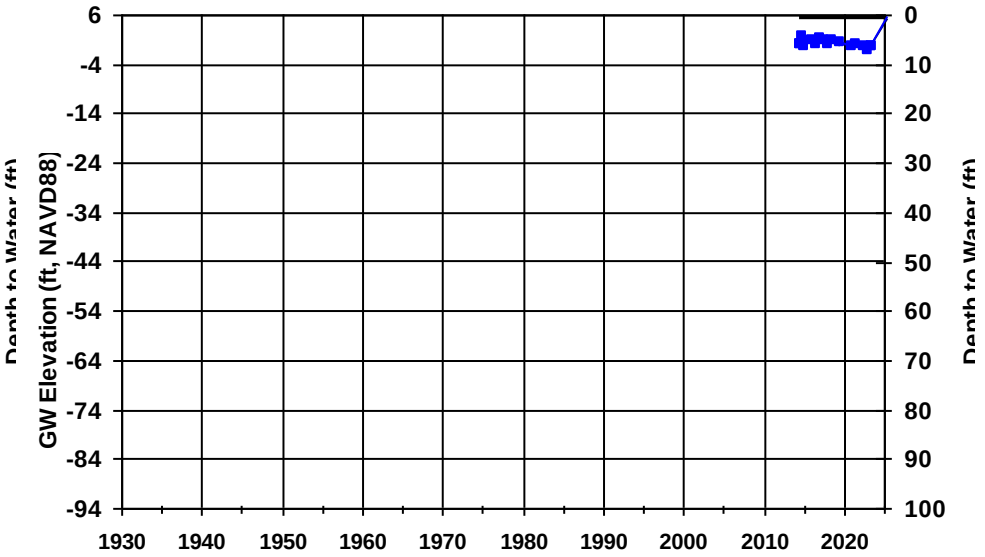
Source: DWR Perf Int (ft): N/A RPE (ft): 5.73 Well Depth (ft): 20



WellID: 04N04E27B001M

Zone: Delta Island

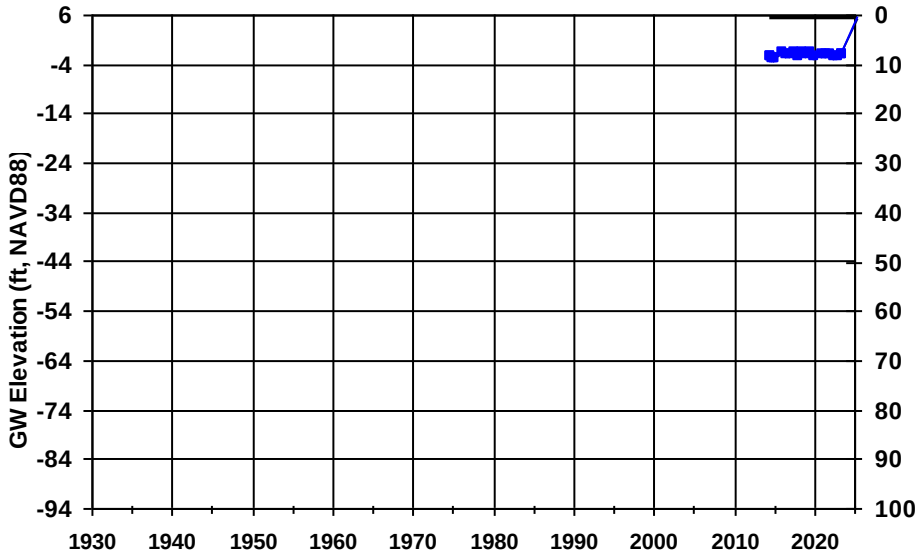
Source: DWR Perf Int (ft): N/A RPE (ft): 5.73 Well Depth (ft): 25



WellID: 04N04E33N001M

Zone: Delta Island

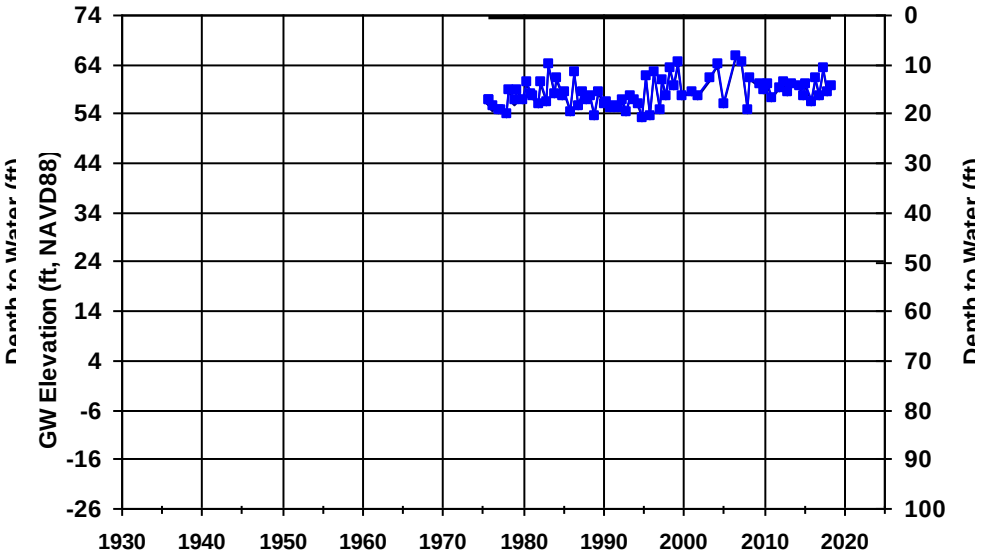
Source: DWR Perf Int (ft): N/A RPE (ft): 5.73 Well Depth (ft): 25



WellID: 05N01W15D001M

Zone: Quaternary Alluvium (primary) & undifferentiated Cretaceous Rock (possible)

Source: DWR Perf Int (ft): 15-50 RPE (ft): 73.57 Well Depth (ft): 50



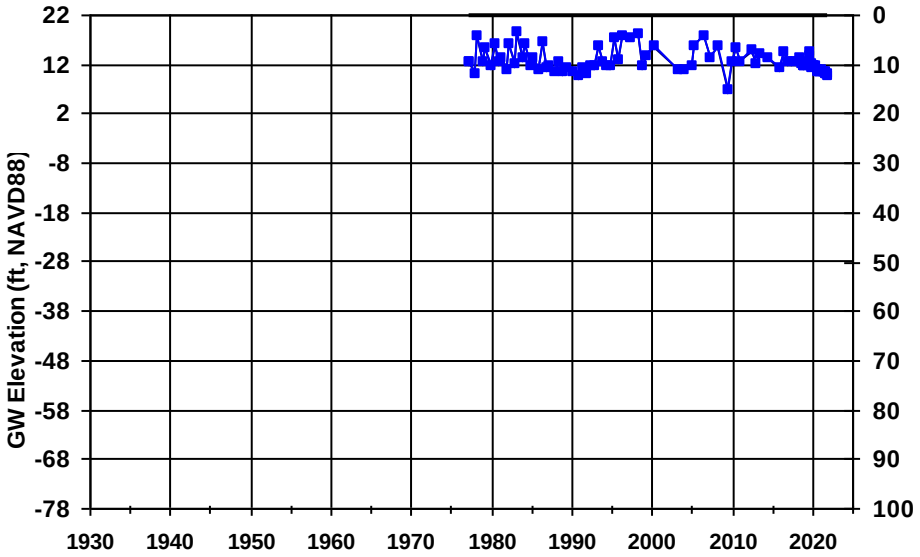
Manual Water Level Measurement

* Multiple Screens

WellID: 05N01W35E001M

Zone: Quaternary Alluvium (primary) & undifferentiated Cretaceous Rock (possible)

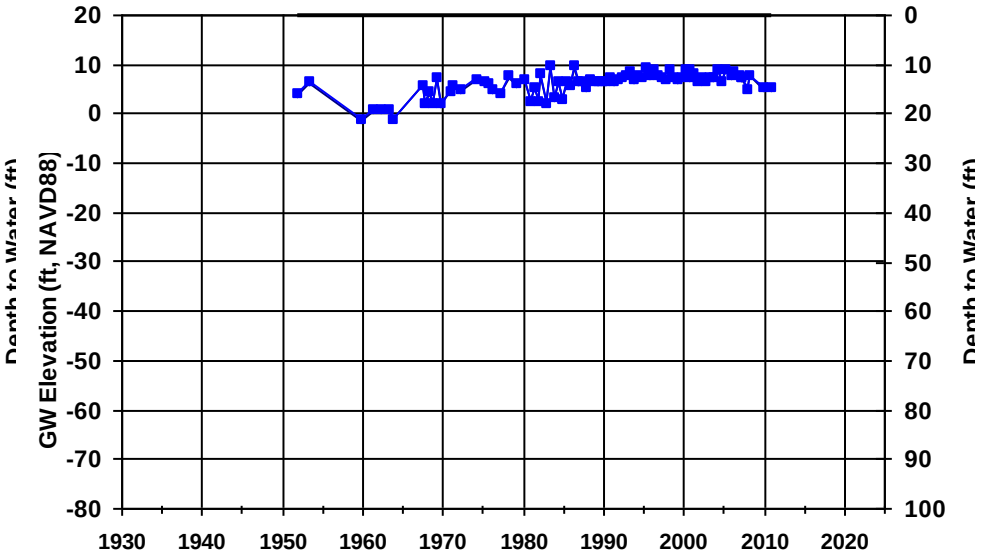
Source: DWR Perf Int (ft): 20-35 RPE (ft): 21.86 Well Depth (ft): 35



WellID: 05N02E07R001M

Zone: Quaternary Alluvium (possible)

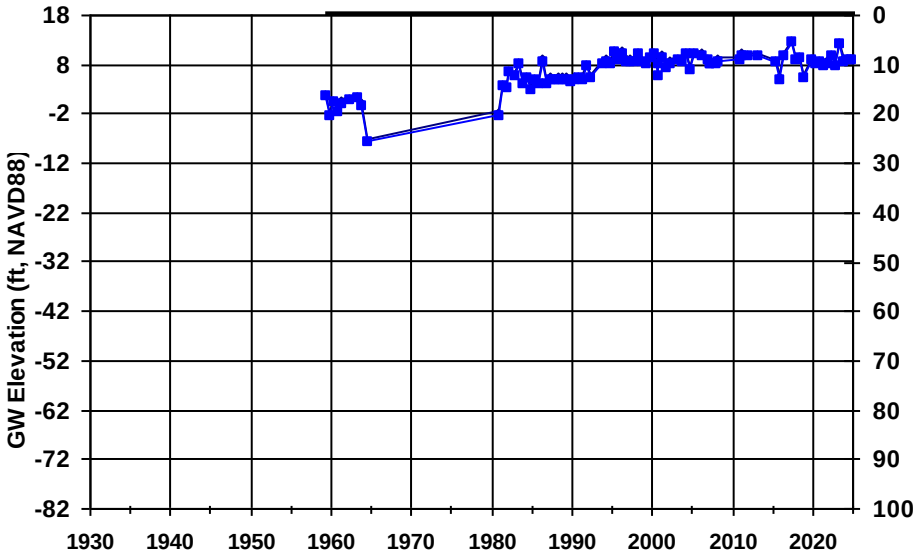
Source: DWR Perf Int (ft): N/A RPE (ft): 19.8 Well Depth (ft): 53



WellID: 05N02E07R002M

Zone: Unknown

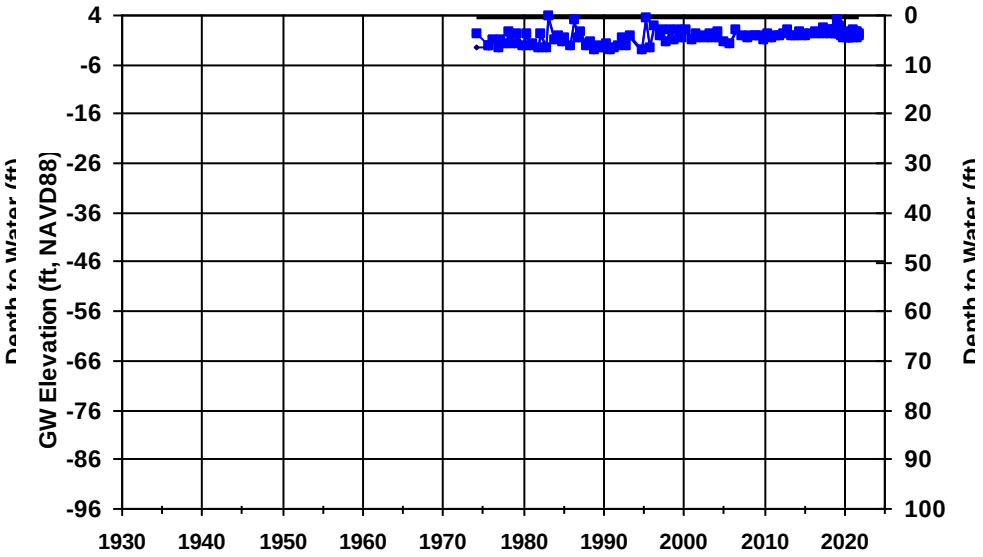
Source: DWR Perf Int (ft): N/A RPE (ft): 18.5 Well Depth (ft):



WellID: 05N02E25K001M

Zone: Montezuma Formation?/Delta Island?

Source: DWR Perf Int (ft): 76-100 RPE (ft): 3.55 Well Depth (ft): 100



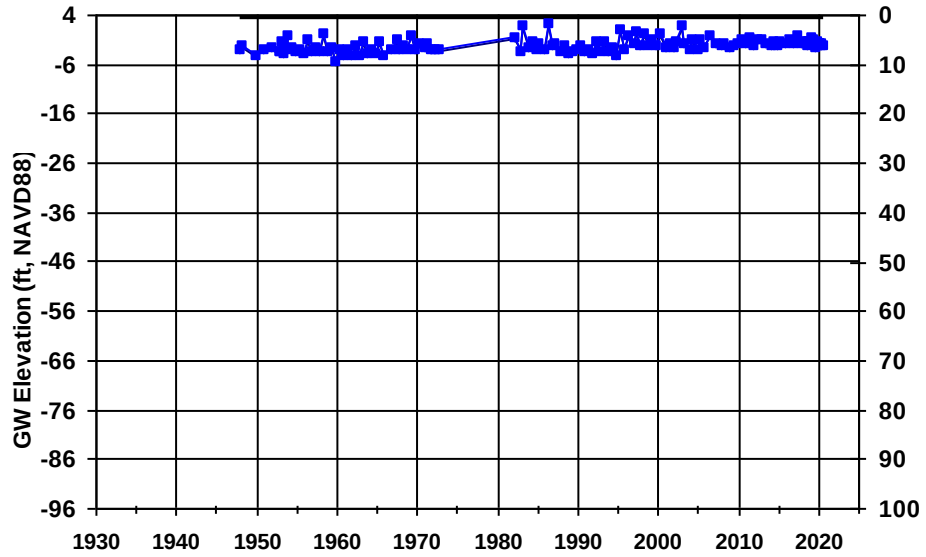
Manual Water Level Measurement

* Multiple Screens

WellID: 05N02E36N001M

Zone: Montezuma Formation?

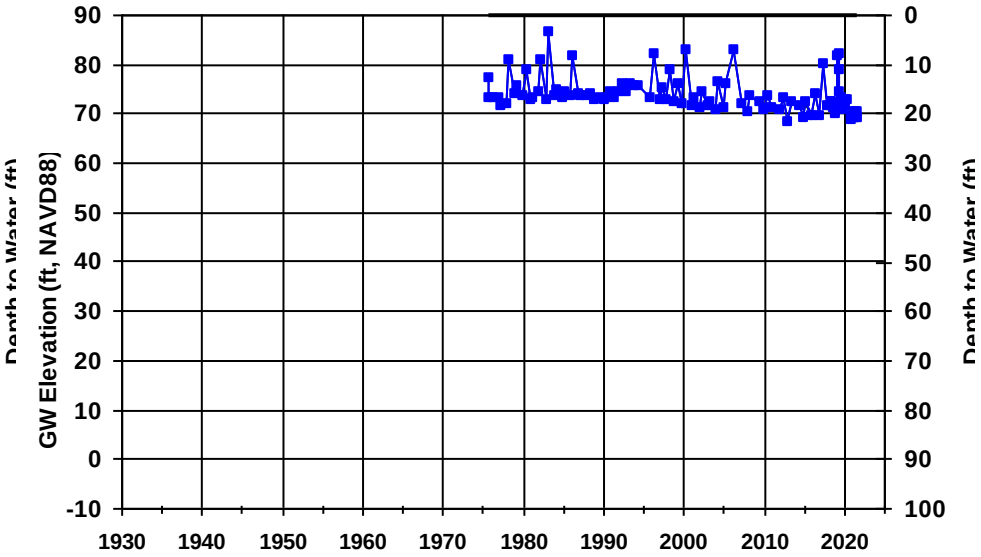
Source: DWR Perf Int (ft): N/A RPE (ft): 3.65 Well Depth (ft): 100



WellID: 05N02W19H004M

Zone: Quaternary Alluvium (possible)

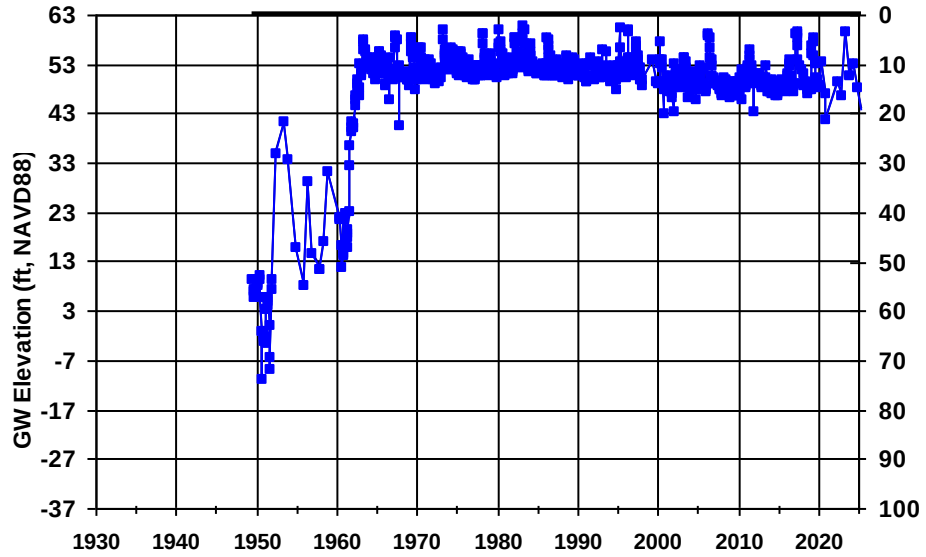
Source: DWR Perf Int (ft): N/A RPE (ft): 89.93 Well Depth (ft): 102



WellID: 05N02W21P003M

Zone: Unknown

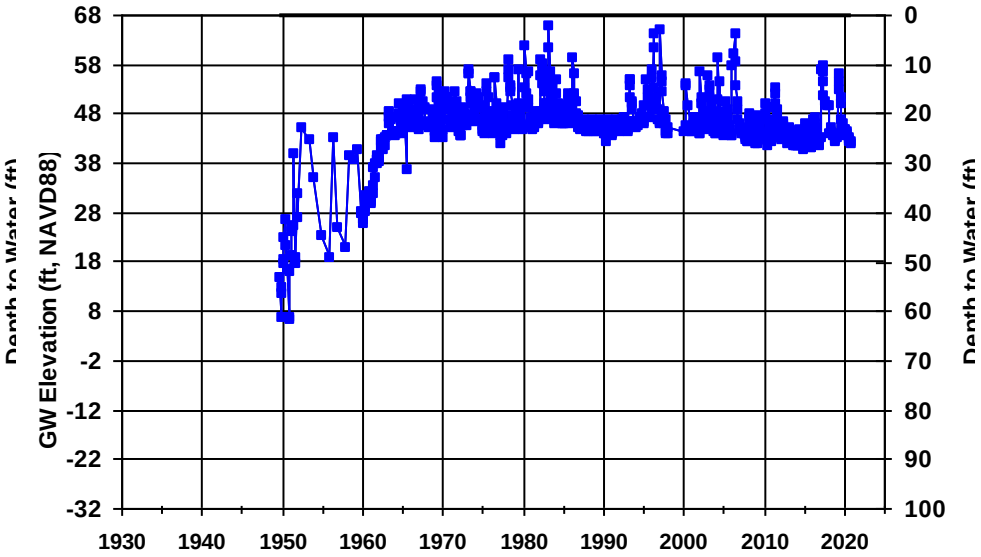
Source: DWR Perf Int (ft): N/A RPE (ft): 63.32 Well Depth (ft): 204



WellID: 05N02W30J001M

Zone: Unknown

Source: DWR Perf Int (ft): N/A RPE (ft): 68.02 Well Depth (ft): 220



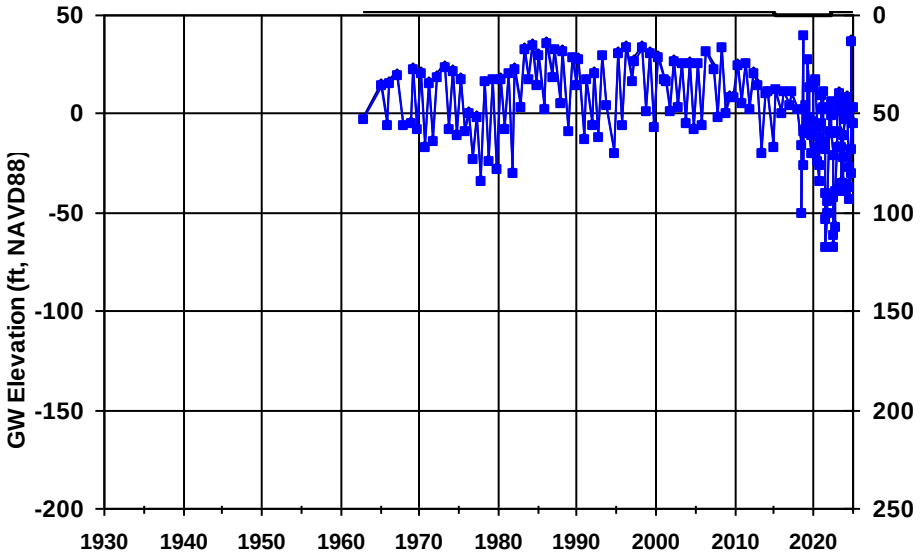
Manual Water Level Measurement

* Multiple Screens

WellID: 06N01E02B001M

Zone: Upper Tehama

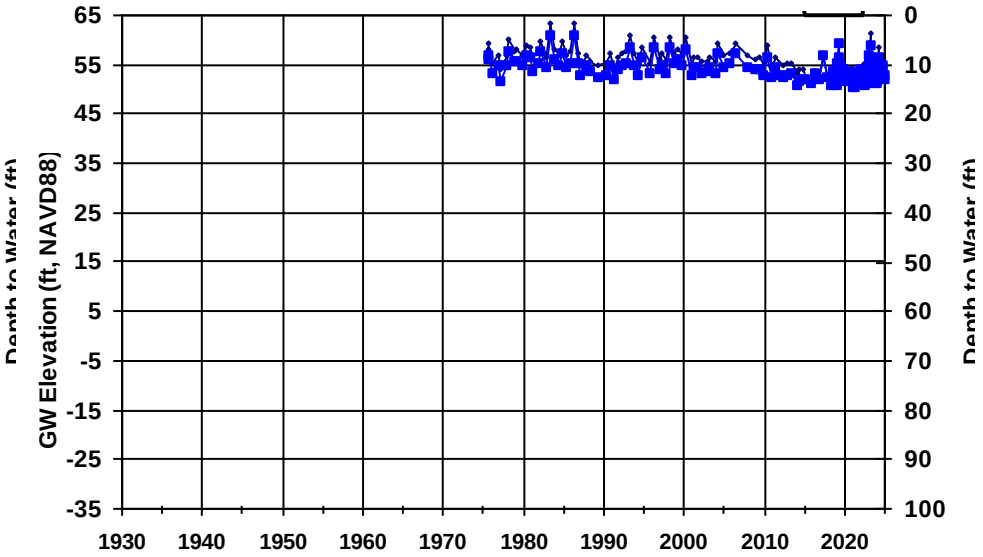
Source: DWR Perf Int (ft): 240-889 RPE (ft): 49.57 Well Depth (ft): 889



WellID: 06N01E05A001M

Zone: Upper Tehama

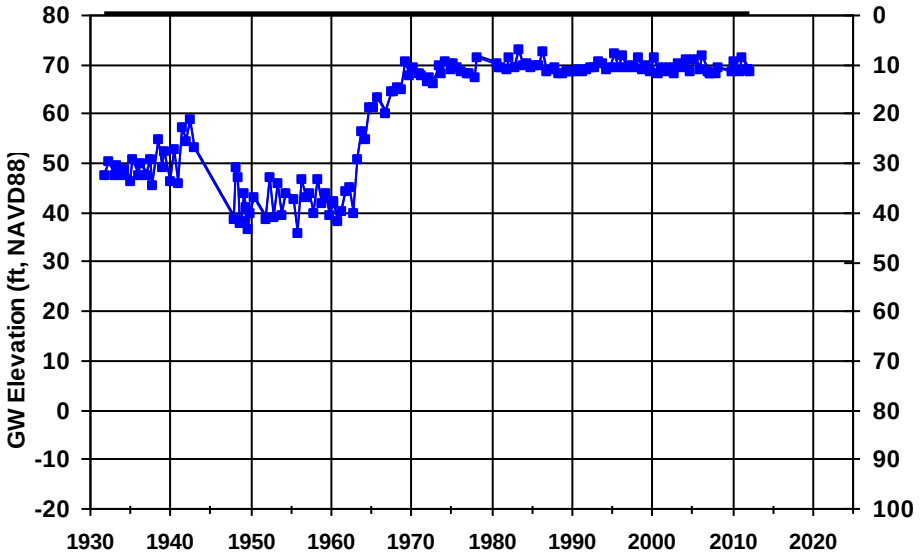
Source: DWR Perf Int (ft): 81-101 RPE (ft): 65.18 Well Depth (ft): 101



WellID: 06N01E06D001M

Zone: Quaternary Alluvium

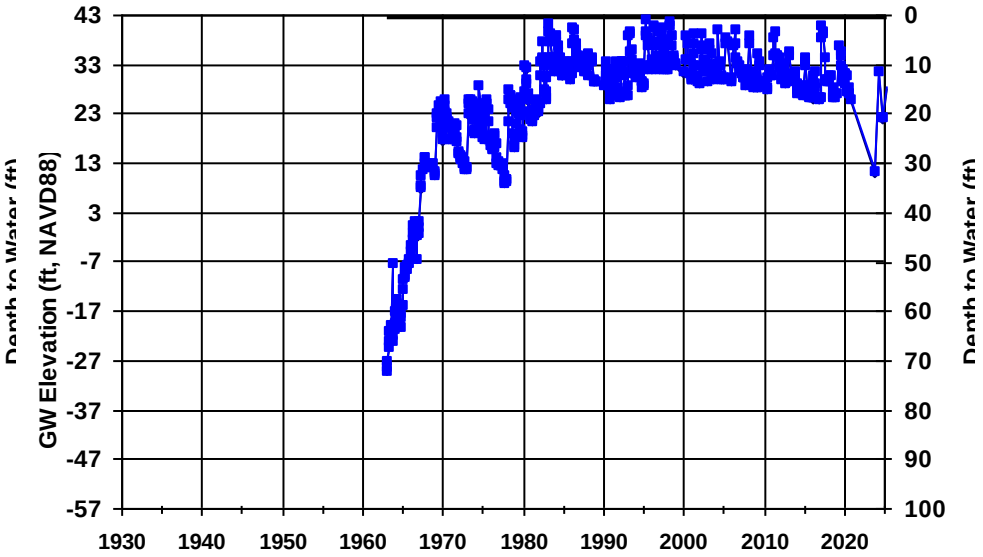
Source: DWR Perf Int (ft): N/A RPE (ft): 80.29 Well Depth (ft): 90



WellID: 06N01E12M001M

Zone: Quaternary Alluvium (possible)

Source: DWR Perf Int (ft): N/A RPE (ft): 42.55 Well Depth (ft): 109



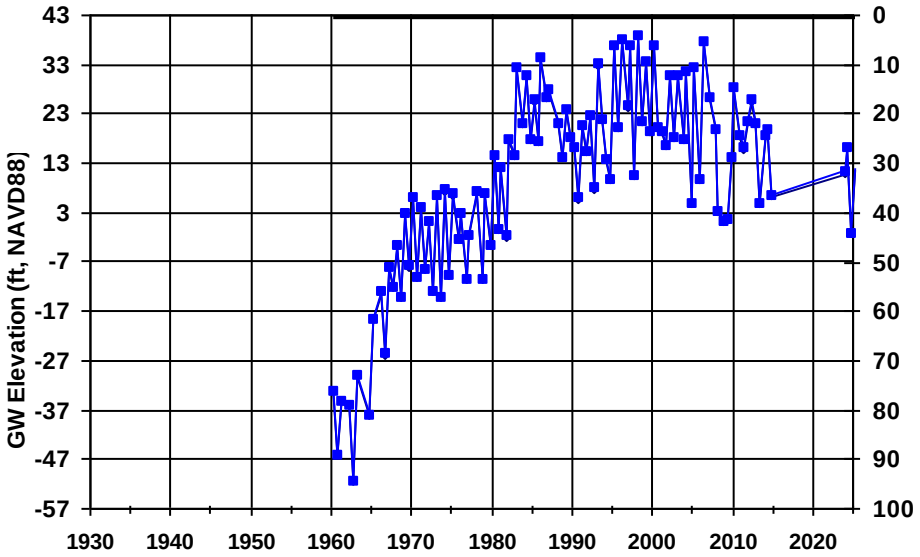
Manual Water Level Measurement

* Multiple Screens

WellID: 06N01E12M003M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

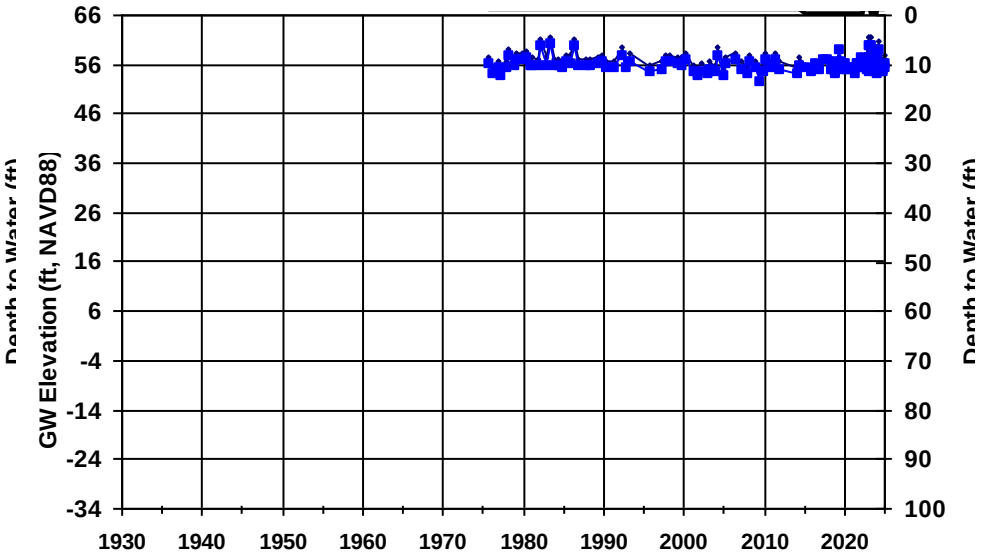
Source: DWR Perf Int (ft): N/A RPE (ft): 42.55 Well Depth (ft): 270



WellID: 06N01E17M001M

Zone: Quaternary Alluvium (possible)

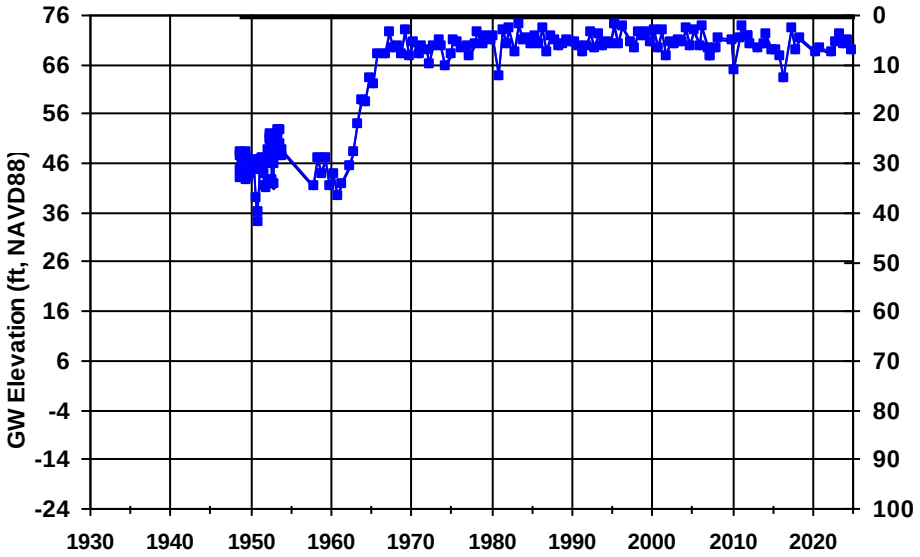
Source: DWR Perf Int (ft): 70-120* RPE (ft): 66.27 Well Depth (ft): 120



WellID: 06N01E18N001M

Zone: Upper Tehama

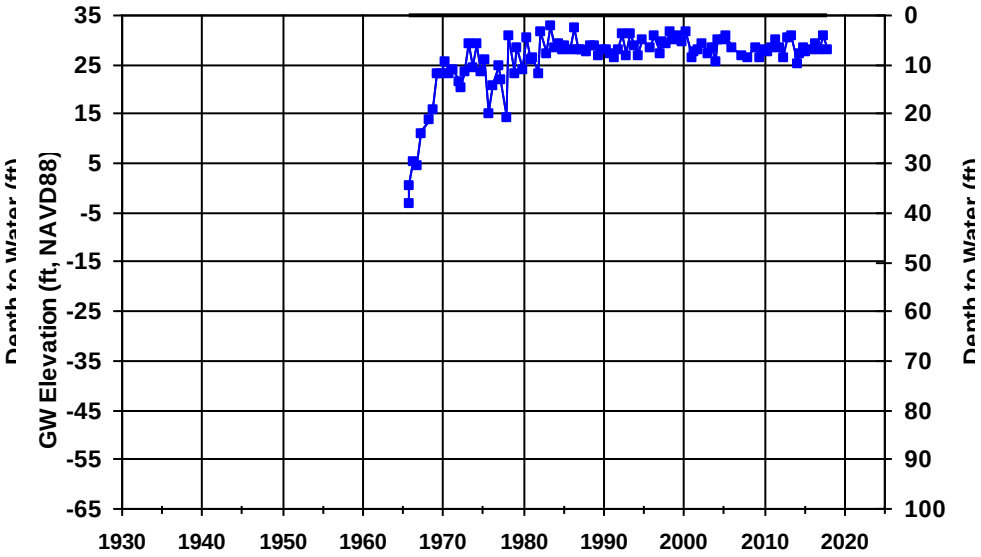
Source: DWR Perf Int (ft): unk RPE (ft): 75.57 Well Depth (ft): 254



WellID: 06N01E24L003M

Zone: Upper Tehama

Source: DWR Perf Int (ft): 108-179 RPE (ft): 35.04 Well Depth (ft): 179



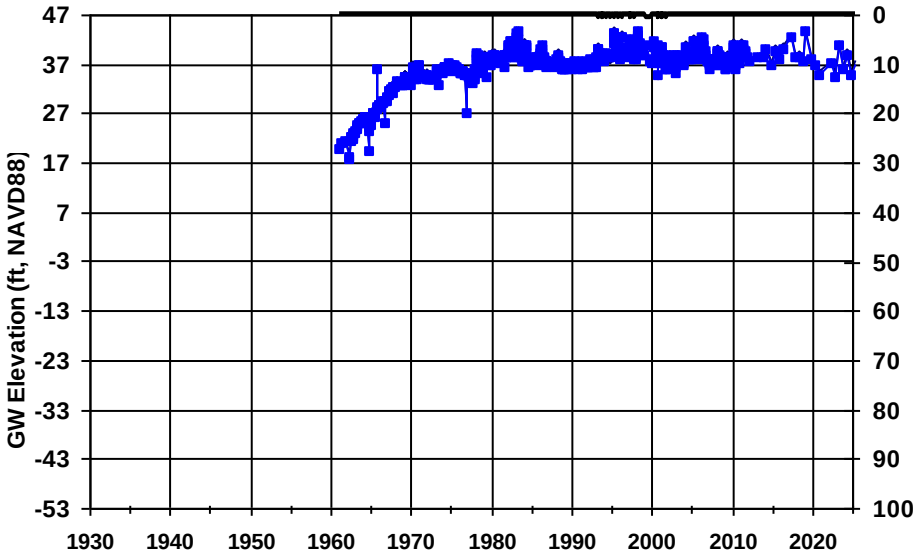
Manual Water Level Measurement

* Multiple Screens

WellID: 06N01E33L001M

Zone: Quaternary Alluvium (possible)

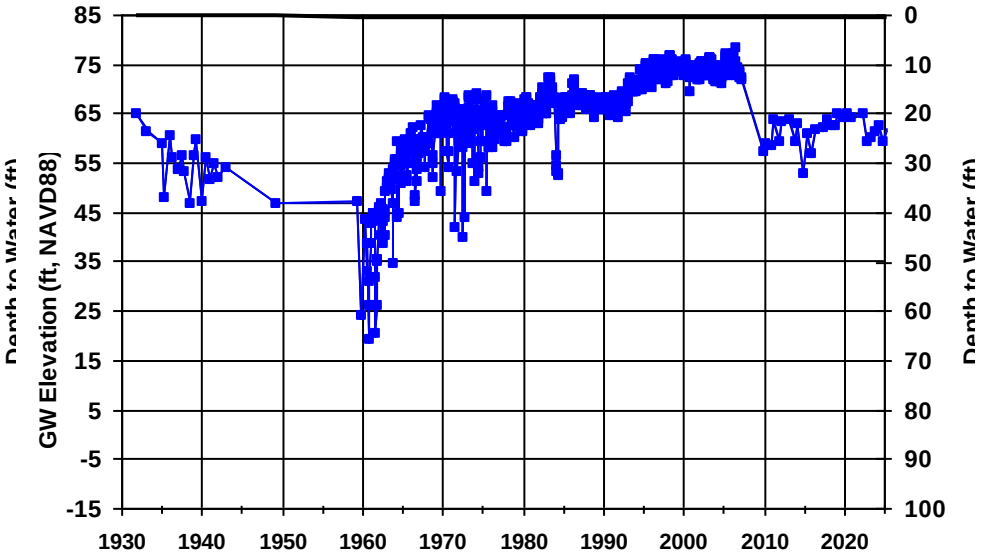
Source: DWR Perf Int (ft): N/A RPE (ft): 46.54 Well Depth (ft): 120



WellID: 06N01W01B001M

Zone: Upper Tehama

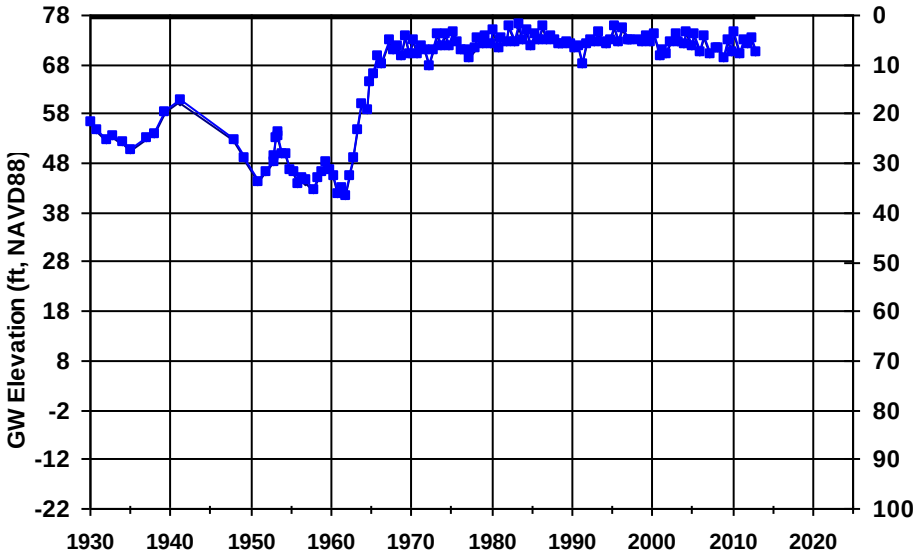
Source: DWR Perf Int (ft): N/A RPE (ft): 84.59 Well Depth (ft): 150



WellID: 06N01W13R001M

Zone: Quaternary Alluvium

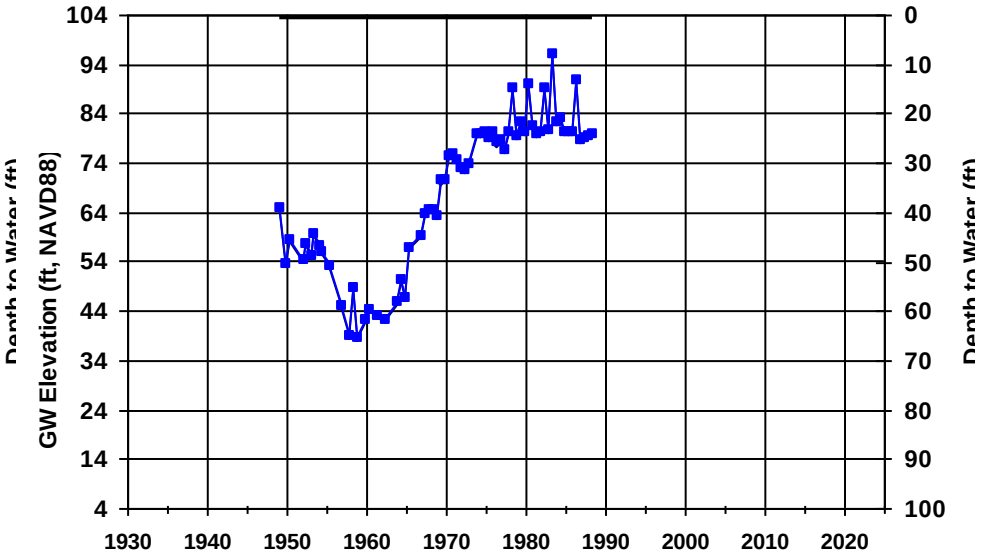
Source: DWR Perf Int (ft): N/A RPE (ft): 77.57 Well Depth (ft): 60



WellID: 06N01W23C001M

Zone: Middle Tehama

Source: DWR Perf Int (ft): unknown RPE (ft): 103.58 Well Depth (ft): 600



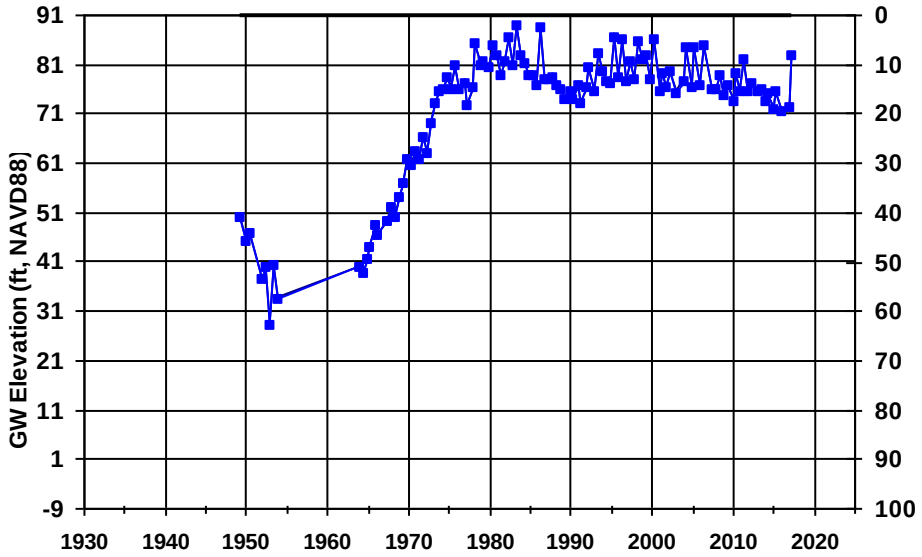
Manual Water Level Measurement

* Multiple Screens

WellID: 06N01W24N001M

Zone: Upper Tehama

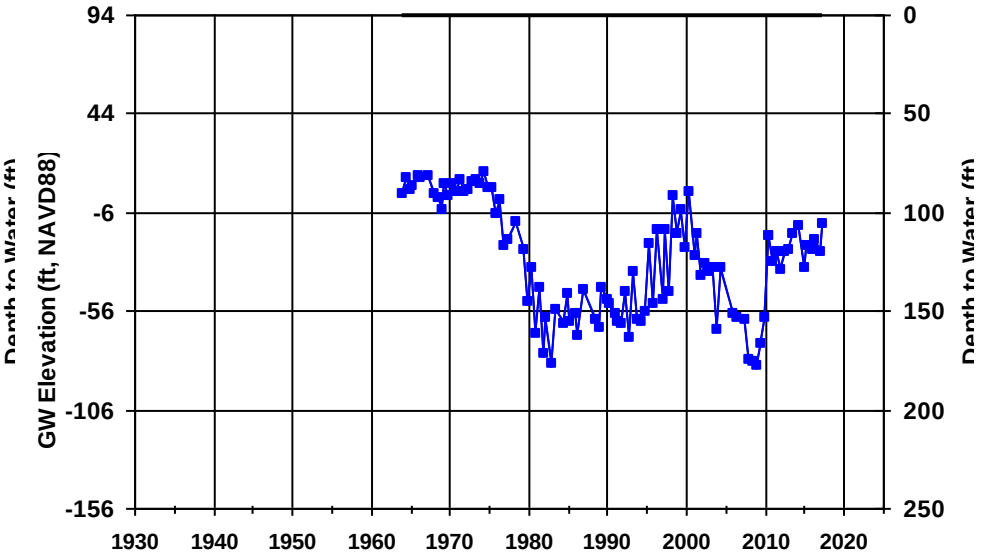
Source: DWR Perf Int (ft): N/A RPE (ft): 91.07 Well Depth (ft): 198



WellID: 06N01W24N002M

Zone: Basal Tehama (primary) & Middle Tehama

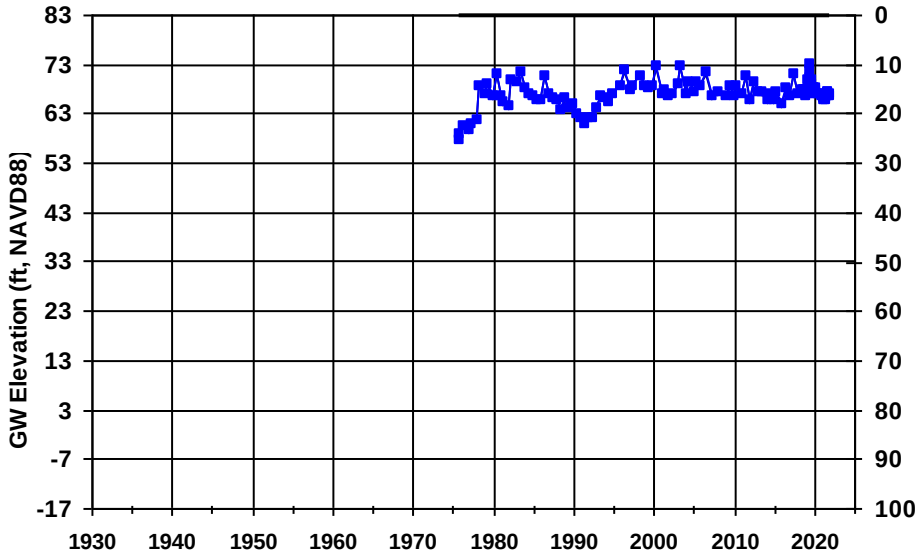
Source: DWR Perf Int (ft): 420-1460* RPE (ft): 93.57 Well Depth (ft): 1464



WellID: 06N01W36C004M

Zone: Upper Tehama

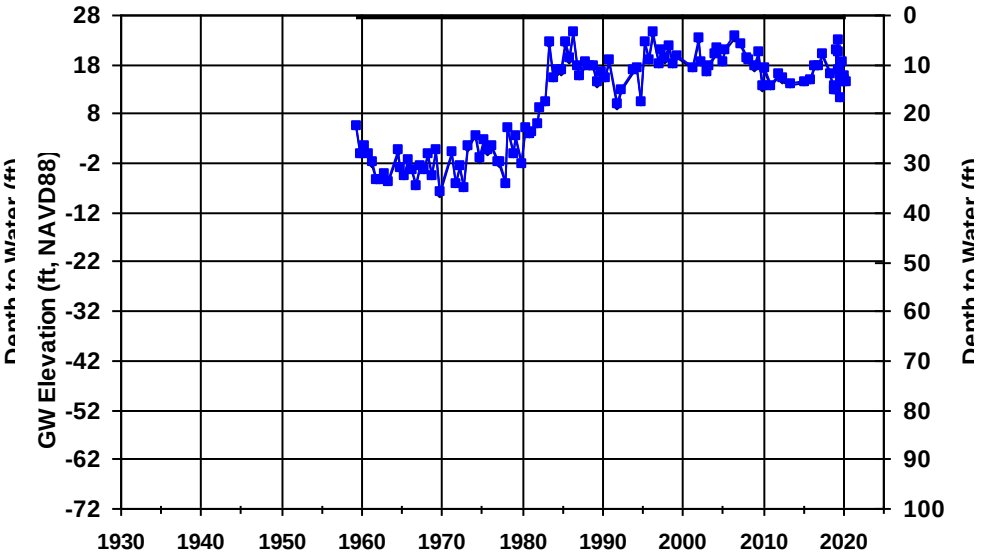
Source: DWR Perf Int (ft): 70-150 RPE (ft): 82.86 Well Depth (ft): 150



WellID: 06N02E02M003M

Zone: Quaternary Alluvium

Source: DWR Perf Int (ft): 76-108 RPE (ft): 27.52 Well Depth (ft): 108



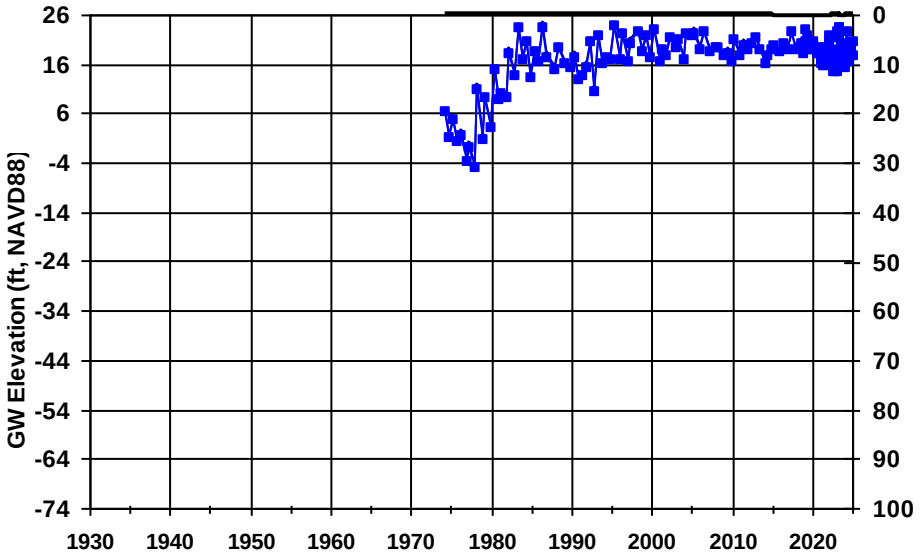
Manual Water Level Measurement

* Multiple Screens

WellID: 06N02E19J001M

Zone: Quaternary Alluvium (primary) & Upper Tehama

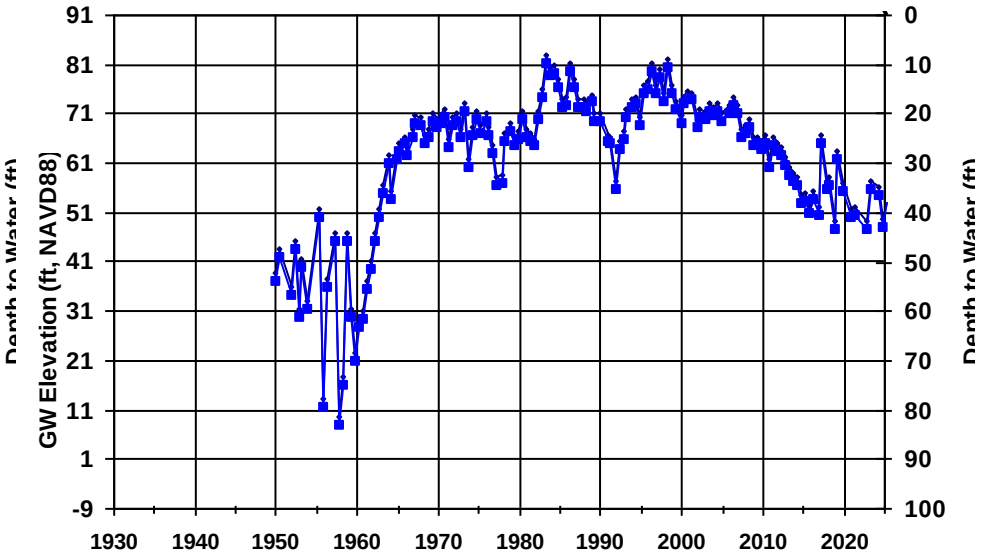
Source: DWR Perf Int (ft): 120-180* RPE (ft): 26.02 Well Depth (ft): 182



WellID: 07N01E04P003M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

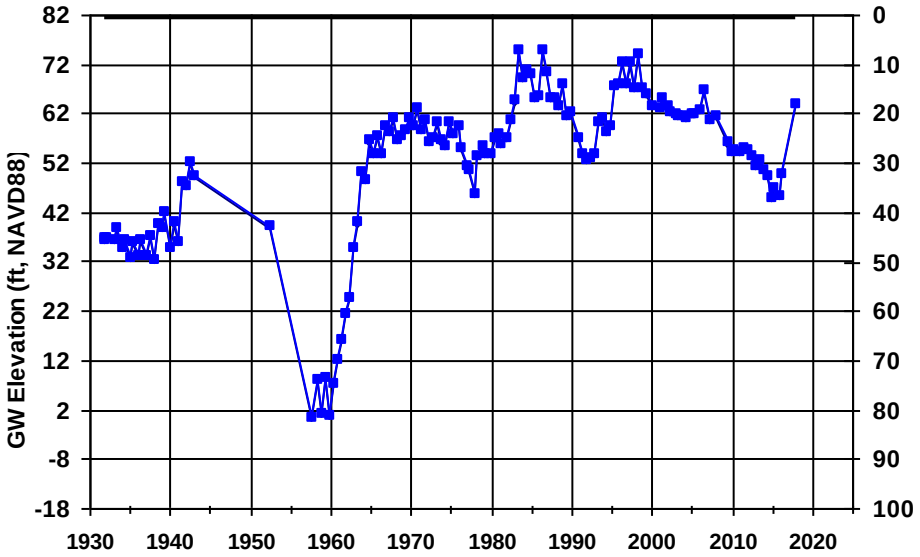
Source: DWR_US Perf Int (ft): N/A RPE (ft): 91.08 Well Depth (ft): 222



WellID: 07N01E10E001M

Zone: Unknown

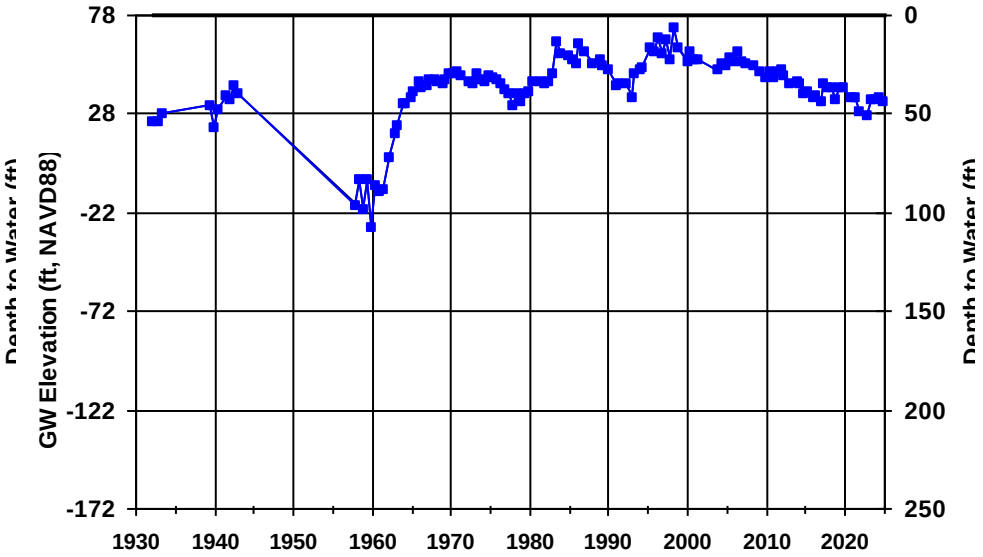
Source: DWR Perf Int (ft): N/A RPE (ft): 81.58 Well Depth (ft):



WellID: 07N01E11M001M

Zone: Quaternary Alluvium (primary) & Upper Tehama (possible)

Source: DWR_US Perf Int (ft): N/A RPE (ft): 78.07 Well Depth (ft): 150



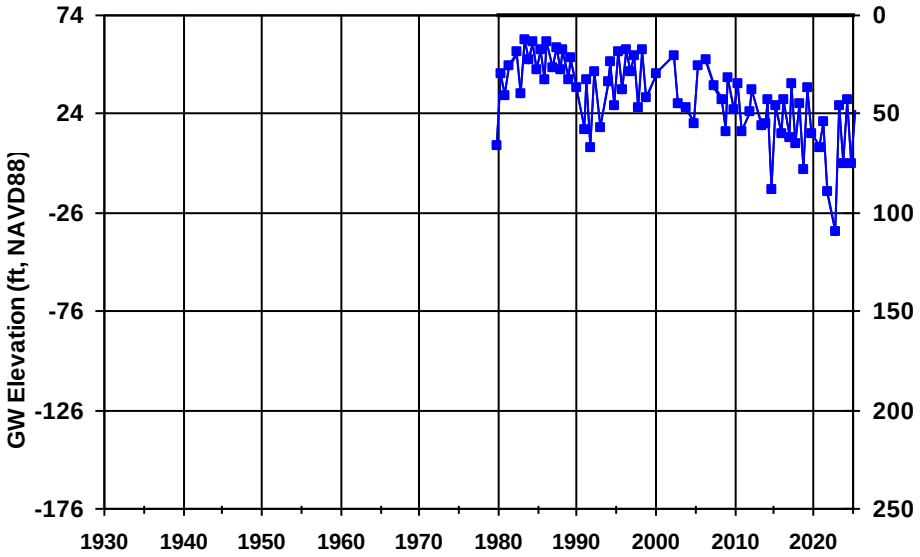
Manual Water Level Measurement

* Multiple Screens

WellID: 07N01E21H003M

Zone: Upper Tehama

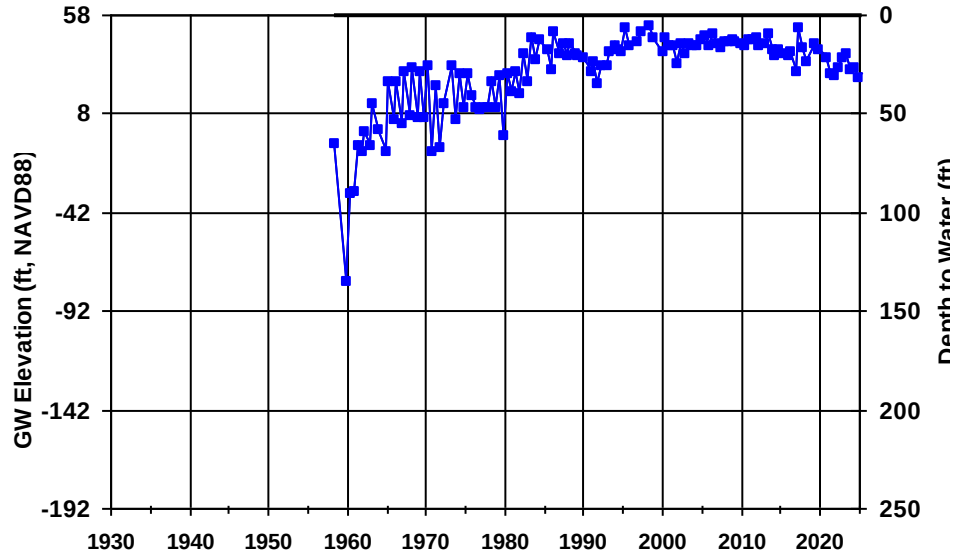
Source: DWR_US Perf Int (ft): 268-286 RPE (ft): 73.58 Well Depth (ft): 312



WellID: 07N01E26Q002M

Zone: Upper Tehama (primary) & Quaternary Alluvium

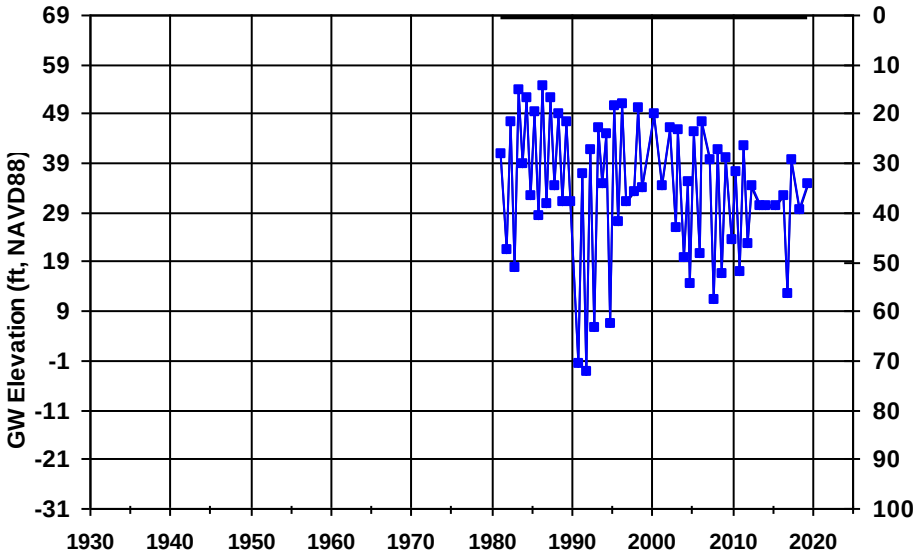
Source: DWR Perf Int (ft): 205-541* RPE (ft): 58.07 Well Depth (ft): 541



WellID: 07N01E27M004M

Zone: Unknown

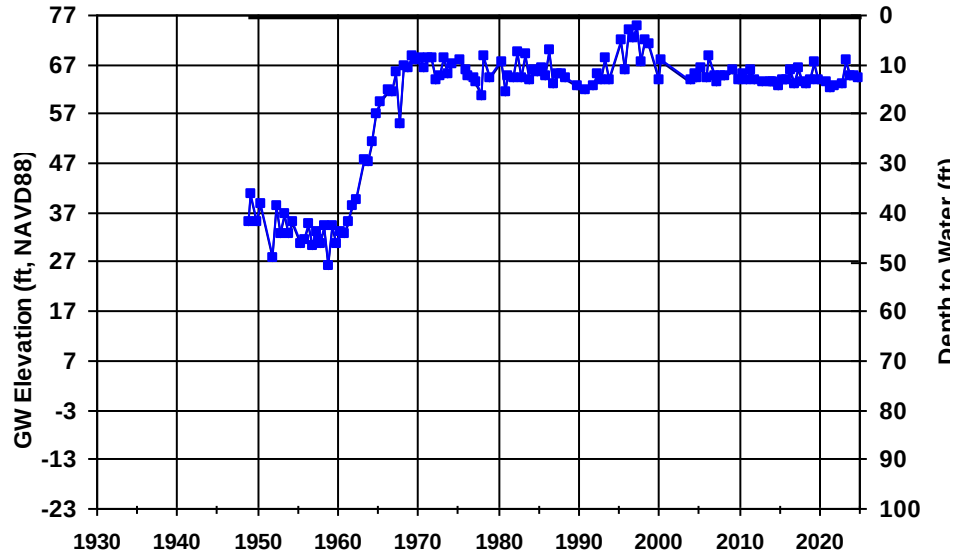
Source: DWR Perf Int (ft): N/A RPE (ft): 68.58 Well Depth (ft):



WellID: 07N01E29P001M

Zone: Upper Tehama

Source: DWR_US Perf Int (ft): 280-450 RPE (ft): 76.59 Well Depth (ft): 450



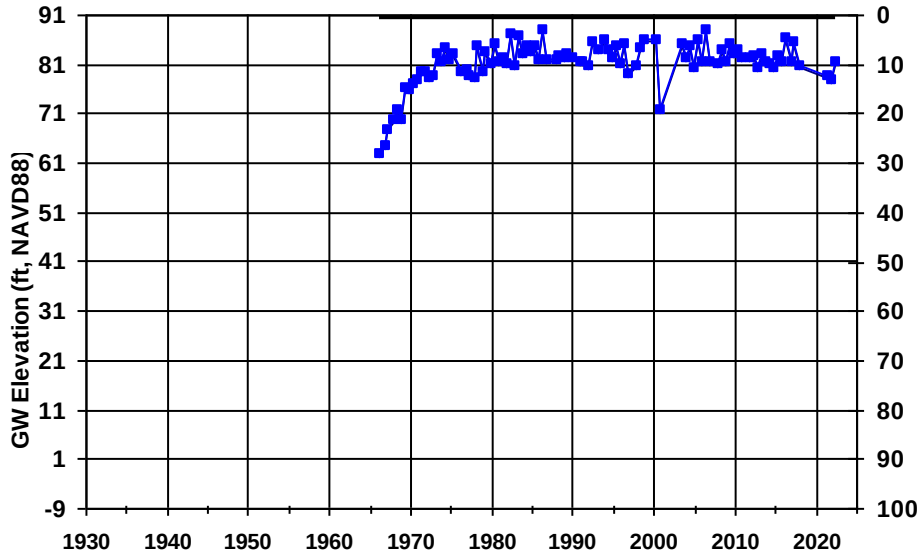
Manual Water Level Measurement

* Multiple Screens

WellID: 07N01E30M001M

Zone: Upper Tehama

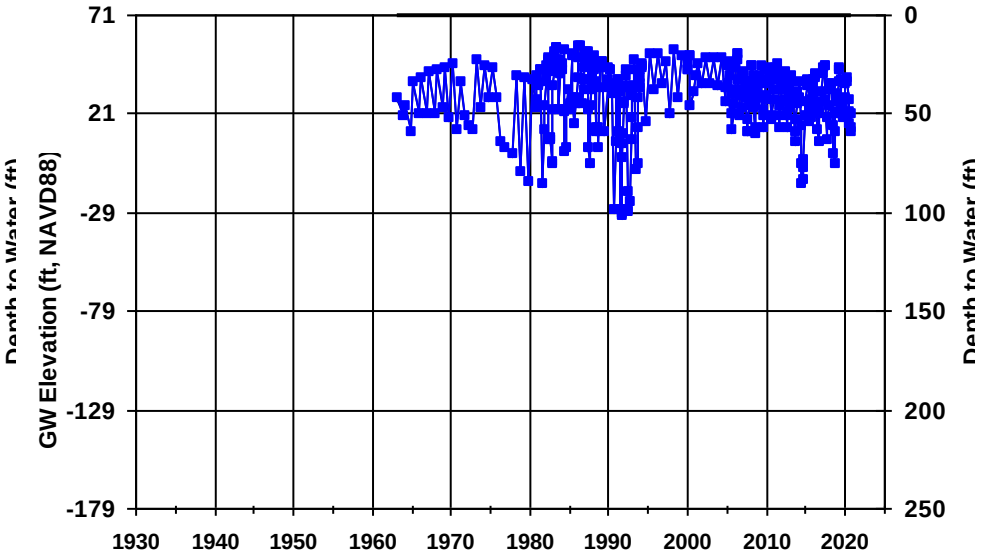
Source: DWR Perf Int (ft): 156-168 RPE (ft): 90.59 Well Depth (ft): 172



WellID: 07N01E33A001M

Zone: Tehama (general)

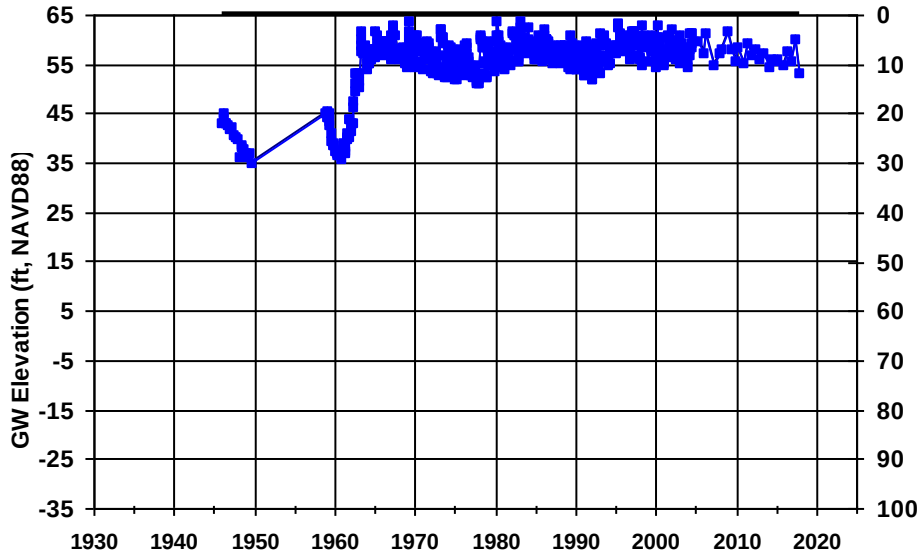
Source: DWR Perf Int (ft): N/A RPE (ft): 70.58 Well Depth (ft): 1030



WellID: 07N01E33R001M

Zone: Quaternary Alluvium

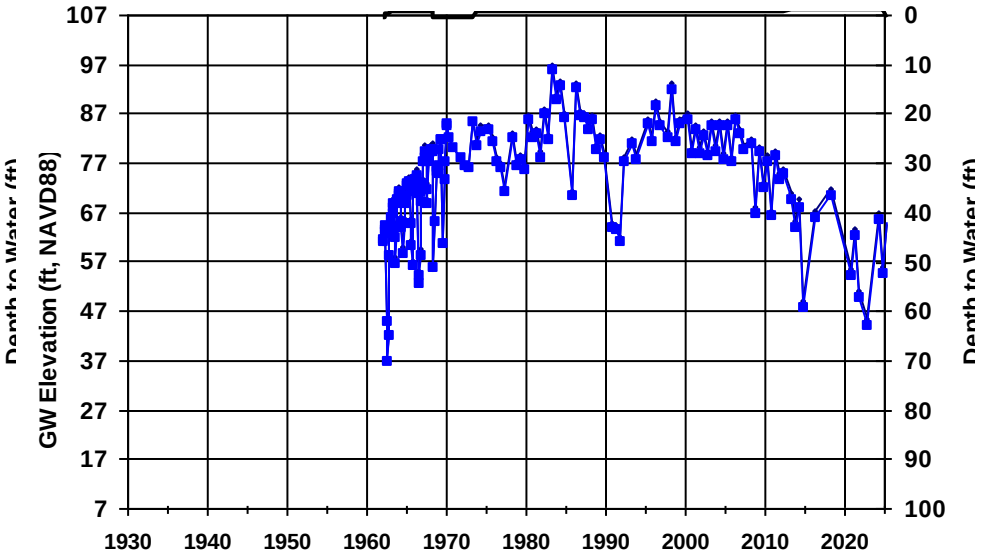
Source: DWR Perf Int (ft): 38-86 RPE (ft): 65.38 Well Depth (ft): 86



WellID: 07N01W01E003M

Zone: Tehama (general)

Source: DWR Perf Int (ft): N/A RPE (ft): 106.79 Well Depth (ft): 480



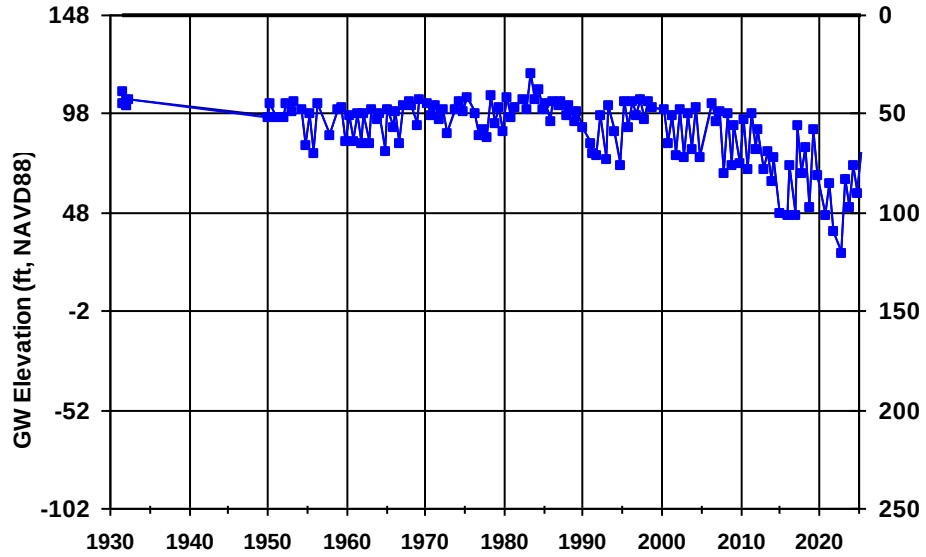
Manual Water Level Measurement

* Multiple Screens

WellID: 07N01W04C002M

Zone: Tehama (general)

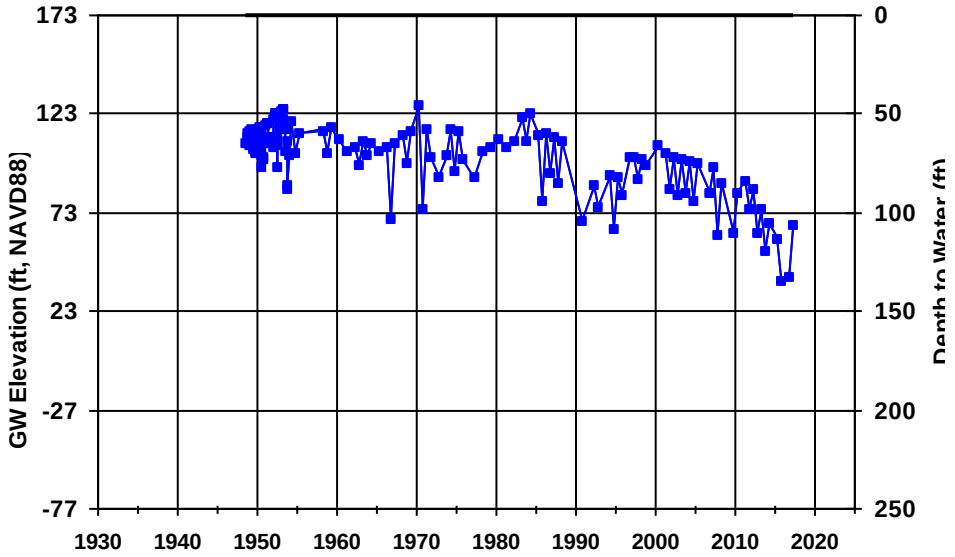
Source: DWR_US Perf Int (ft): N/A RPE (ft): 148.4 Well Depth (ft): 109



WellID: 07N01W05R001M

Zone: Tehama (general)

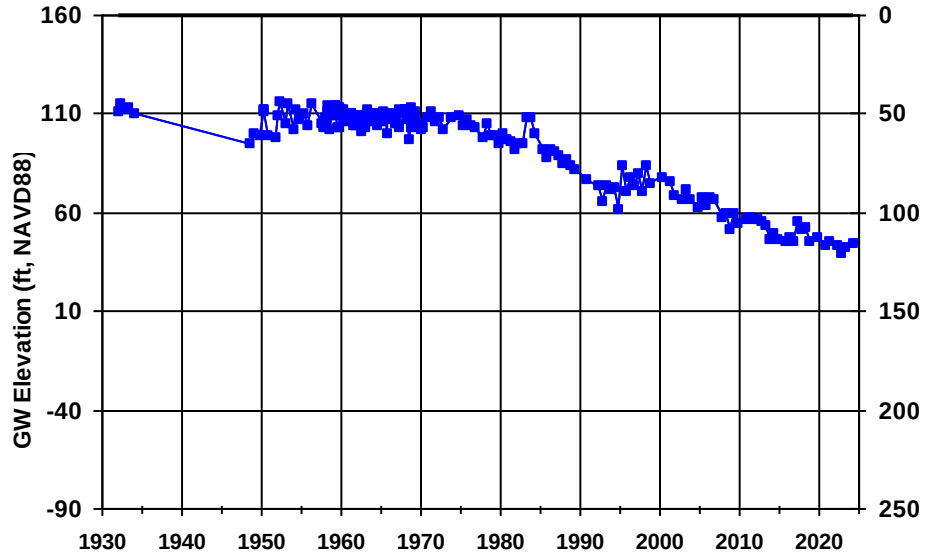
Source: DWR Perf Int (ft): 66-193 RPE (ft): 173.1 Well Depth (ft): 286



WellID: 07N01W06E001M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

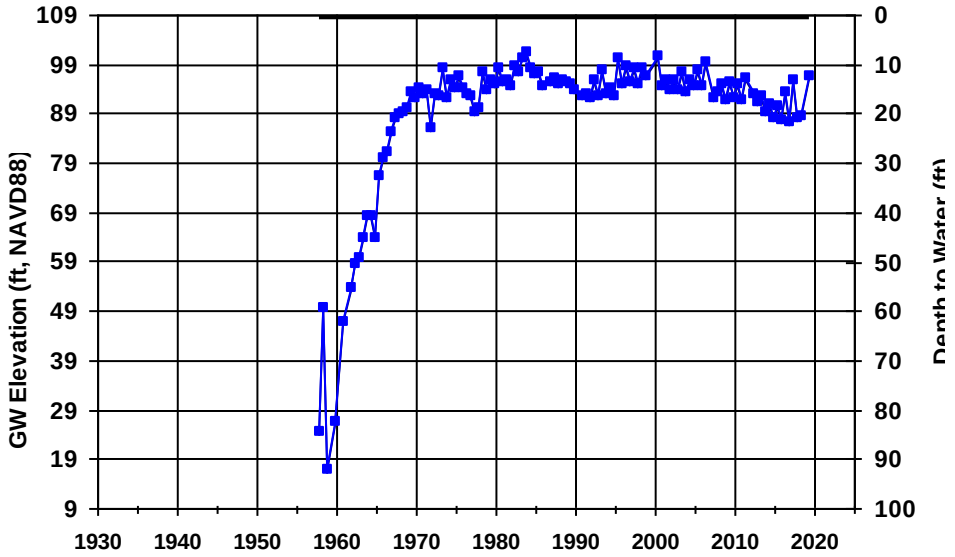
Source: DWR Perf Int (ft): N/A RPE (ft): 160.1 Well Depth (ft): 400



WellID: 07N01W13H001M

Zone: Upper Tehama (primary) & Quaternary Alluvium (possible)

Source: DWR Perf Int (ft): 54-158 RPE (ft): 108.6 Well Depth (ft): 158



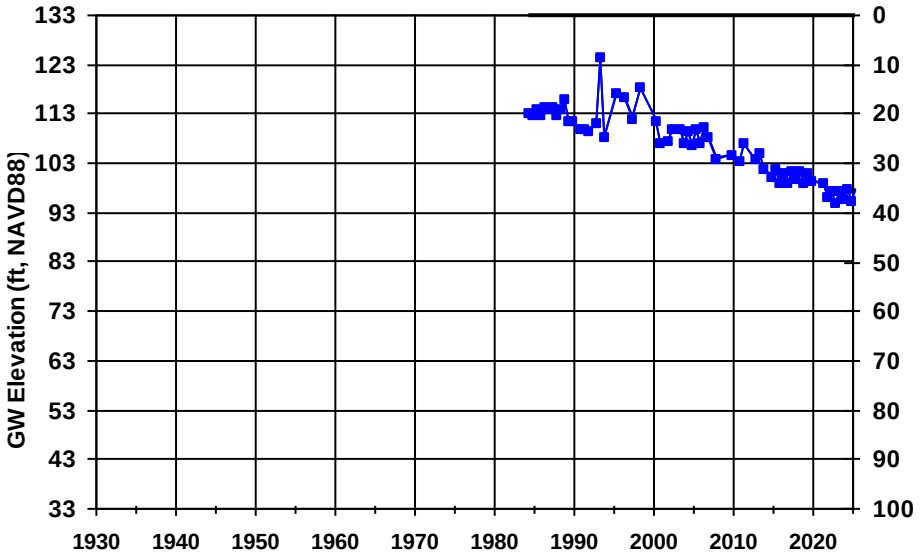
Manual Water Level Measurement

* Multiple Screens

WellID: 07N01W15L001M

Zone: Upper Tehama (possible)

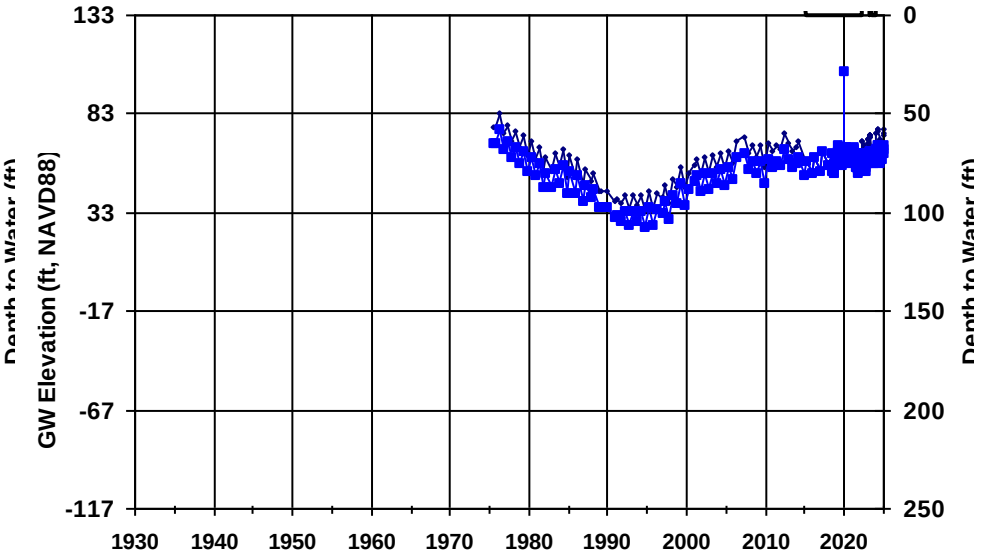
Source: DWR Perf Int (ft): 80-180 RPE (ft): 133.1 Well Depth (ft): 180



WellID: 07N01W33J002M

Zone: Upper Tehama

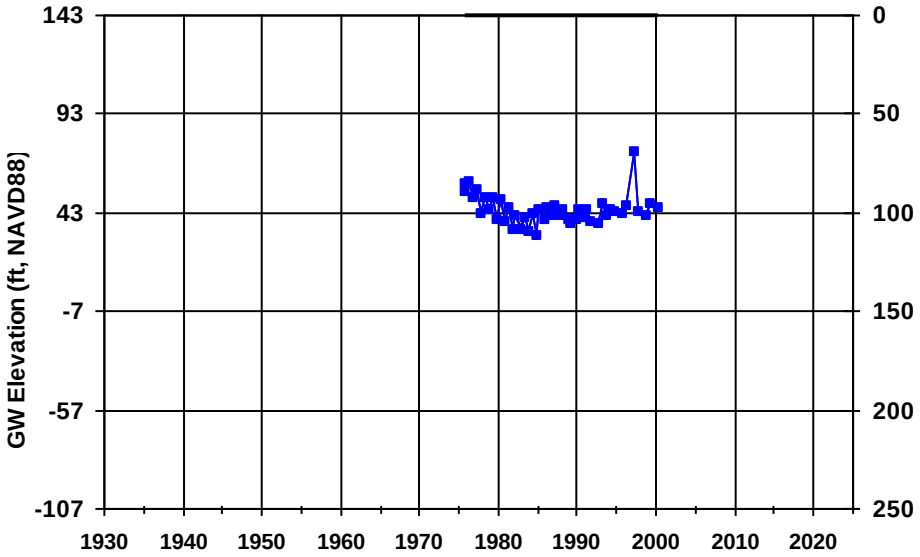
Source: DWR Perf Int (ft): 104-152 RPE (ft): 133.12 Well Depth (ft): 160



WellID: 07N01W34F001M

Zone: Middle Tehama

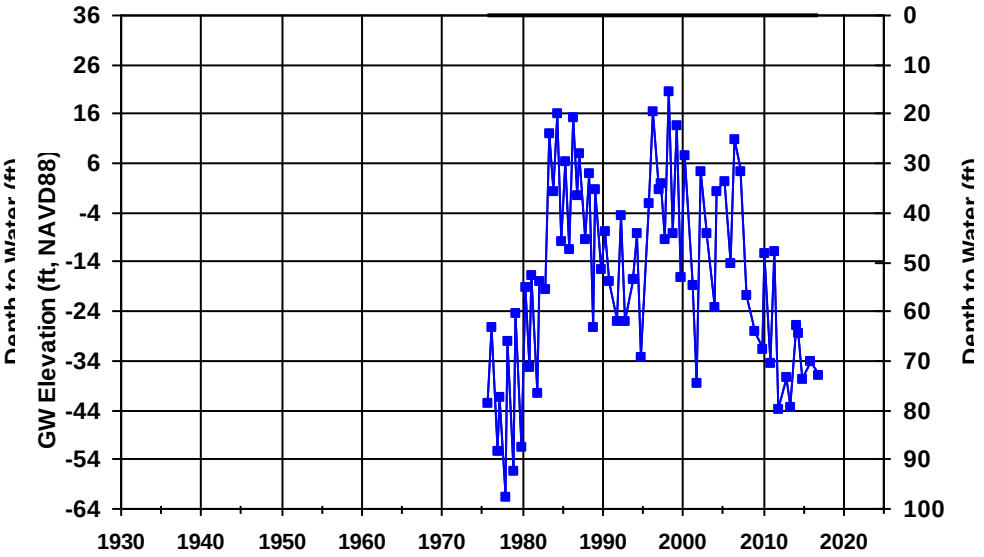
Source: DWR Perf Int (ft): 160-260 RPE (ft): 143.31 Well Depth (ft): 260



WellID: 07N02E02F002M

Zone: Upper Tehama (primary) & Quaternary Alluvium (possible)

Source: DWR Perf Int (ft): 164-260 RPE (ft): 36.04 Well Depth (ft): 264



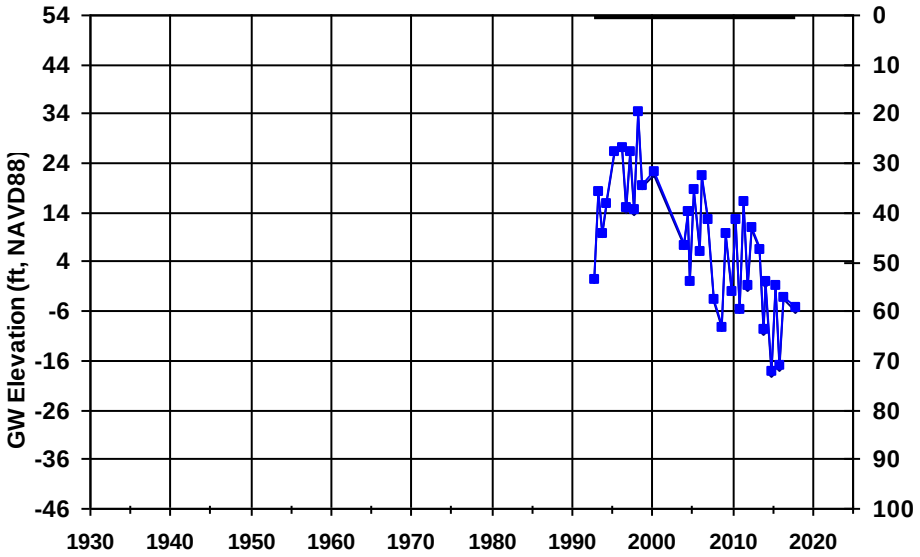
Manual Water Level Measurement

* Multiple Screens

WellID: 07N02E04M004M

Zone: Unknown

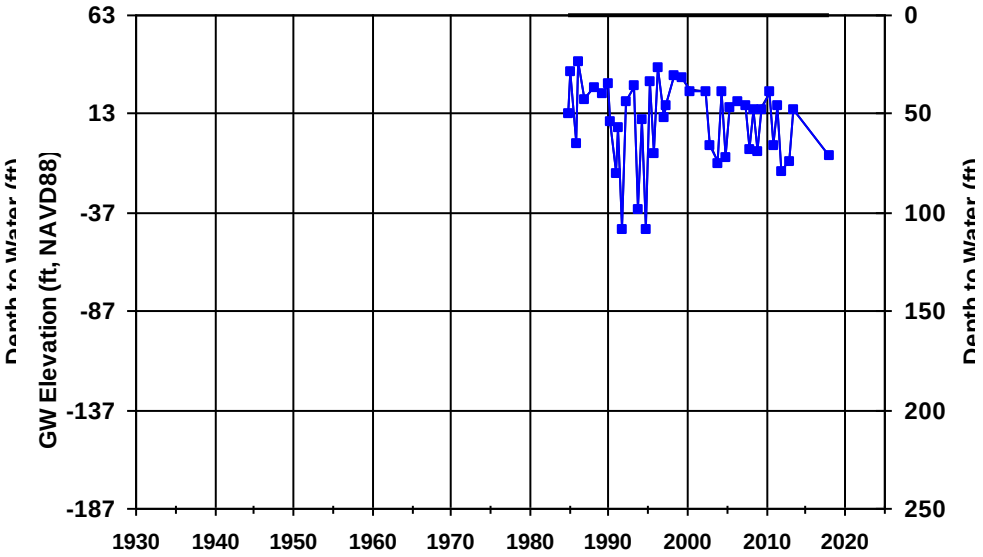
Source: DWR Perf Int (ft): N/A RPE (ft): 53.5 Well Depth (ft):



WellID: 07N02E06N003M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

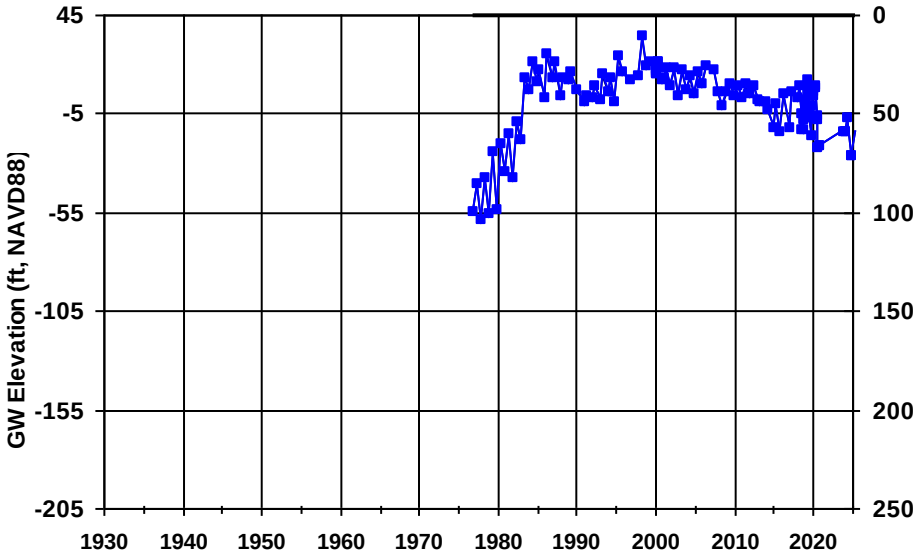
Source: DWR Perf Int (ft): N/A RPE (ft): 63.05 Well Depth (ft): 980



WellID: 07N02E15E001M

Zone: Quaternary Alluvium (possible)

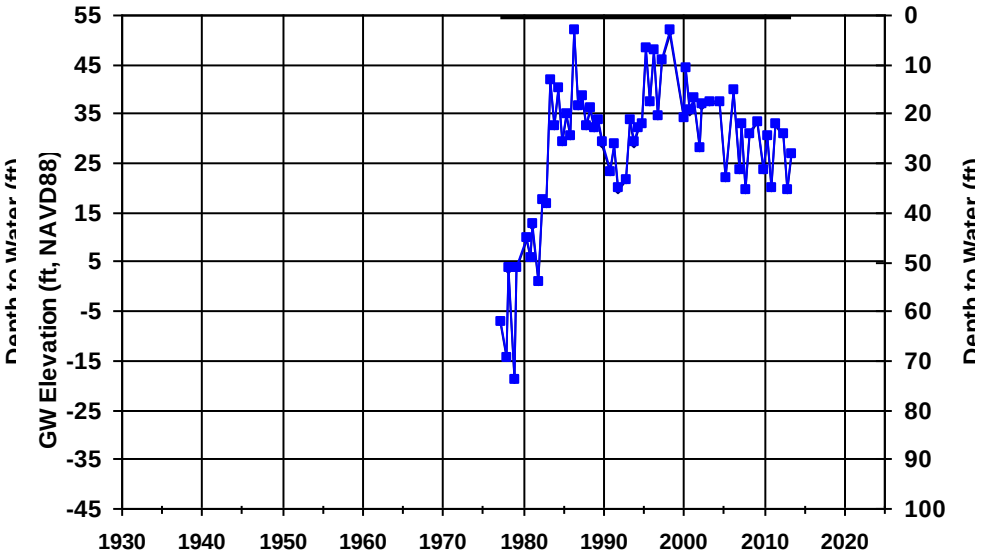
Source: DWR Perf Int (ft): N/A RPE (ft): 44.54 Well Depth (ft): 160



WellID: 07N02E17E002M

Zone: Upper Tehama (possible)

Source: DWR Perf Int (ft): 132-180 RPE (ft): 54.55 Well Depth (ft): 180



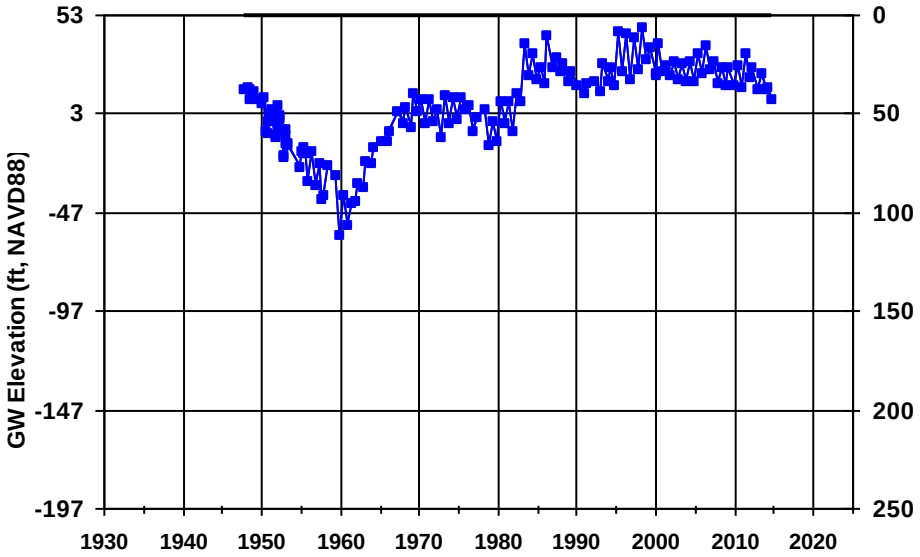
Manual Water Level Measurement

* Multiple Screens

WellID: 07N02E19E001M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

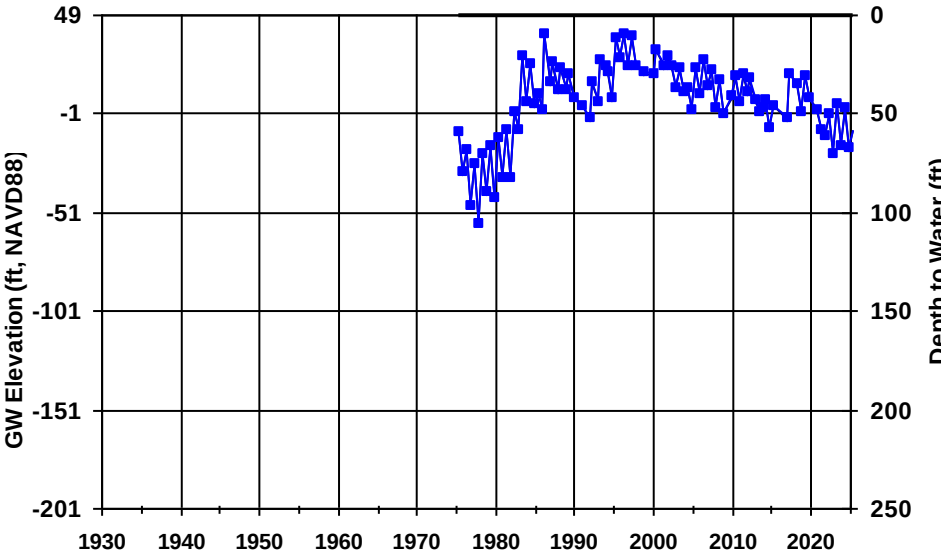
Source: DWR Perf Int (ft): N/A RPE (ft): 53.26 Well Depth (ft): 282



WellID: 07N02E21F003M

Zone: Unknown

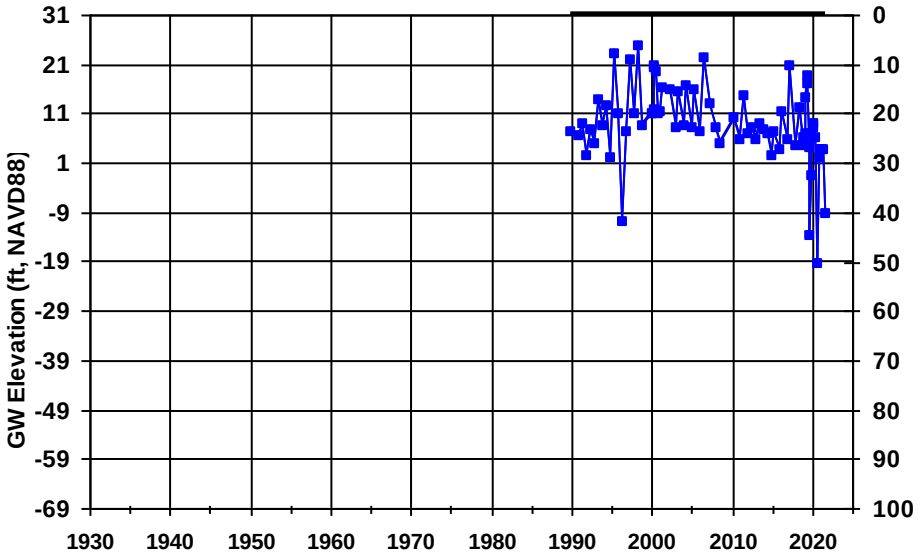
Source: DWR Perf Int (ft): N/A RPE (ft): 48.64 Well Depth (ft):



WellID: 07N02E26Q003M

Zone: Unknown

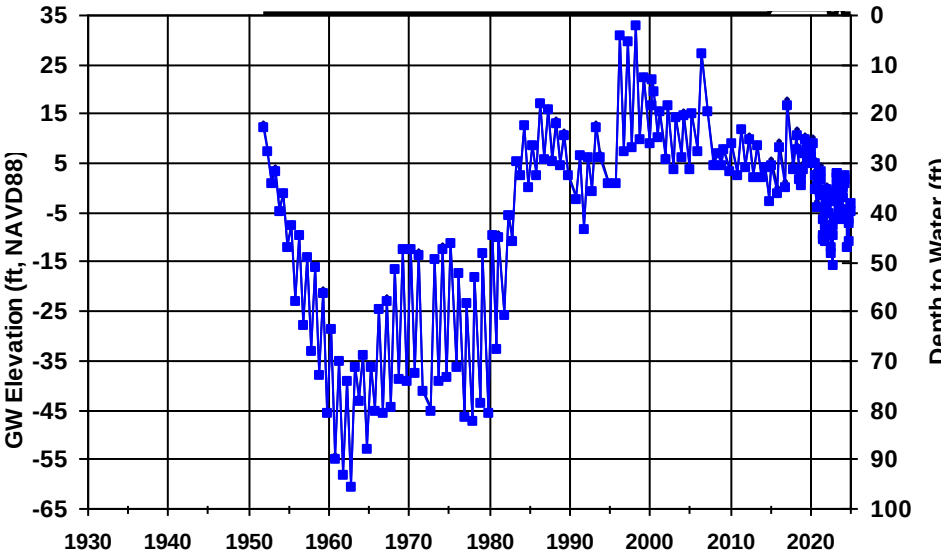
Source: DWR Perf Int (ft): N/A RPE (ft): 31.32 Well Depth (ft):



WellID: 07N02E33D002M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

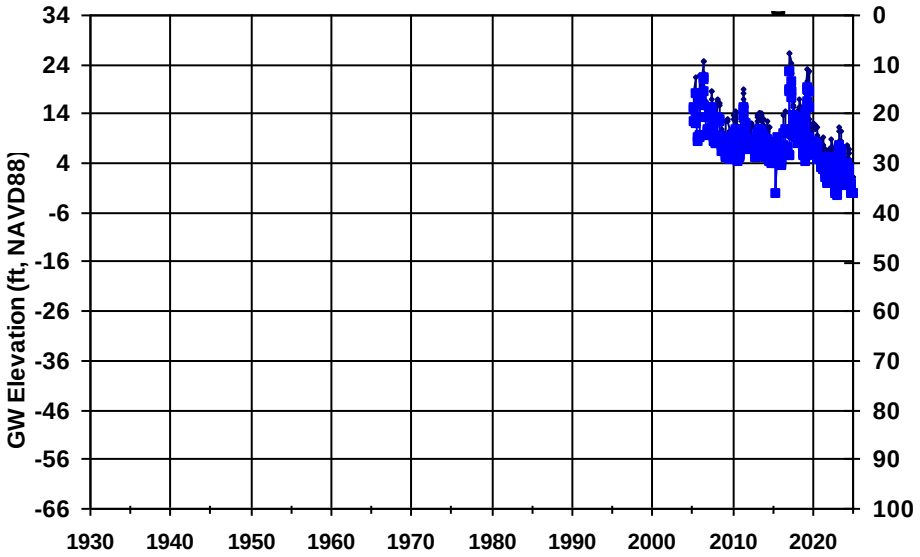
Source: DWR Perf Int (ft): 80-260 RPE (ft): 35.472 Well Depth (ft): 260



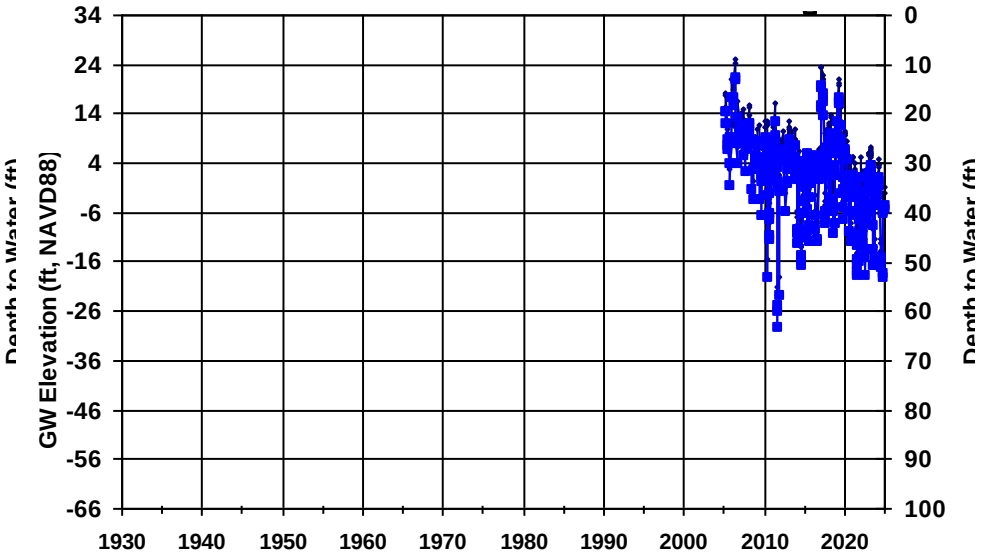
Manual Water Level Measurement

* Multiple Screens

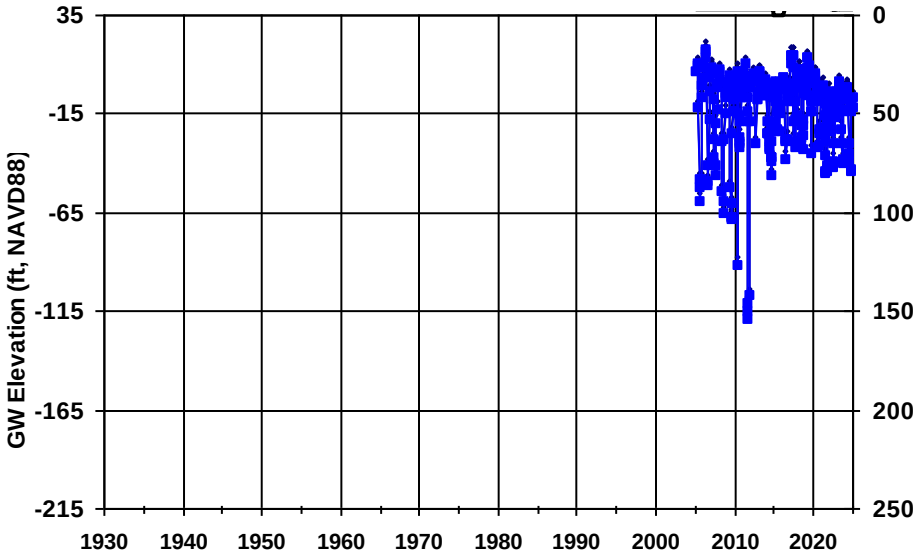
WellID: 07N02E35D001M
Zone: Quaternary Alluvium
Source: DWR Perf Int (ft): 28-38 RPE (ft): 34.35 Well Depth (ft): 43



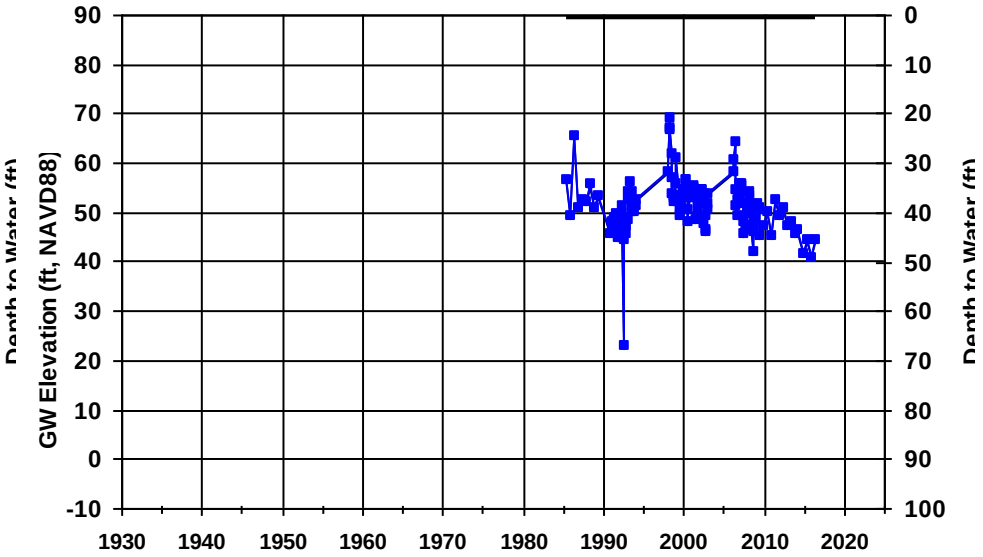
WellID: 07N02E35D002M
Zone: Upper Tehama
Source: DWR Perf Int (ft): 218-238 RPE (ft): 34.29 Well Depth (ft): 243



WellID: 07N02E35D003M
Zone: Upper Tehama
Source: DWR Perf Int (ft): 430-440 RPE (ft): 35.15 Well Depth (ft): 445



WellID: 08N01E15P002M
Zone: Unknown
Source: DWR Perf Int (ft): N/A RPE (ft): 89.57 Well Depth (ft):



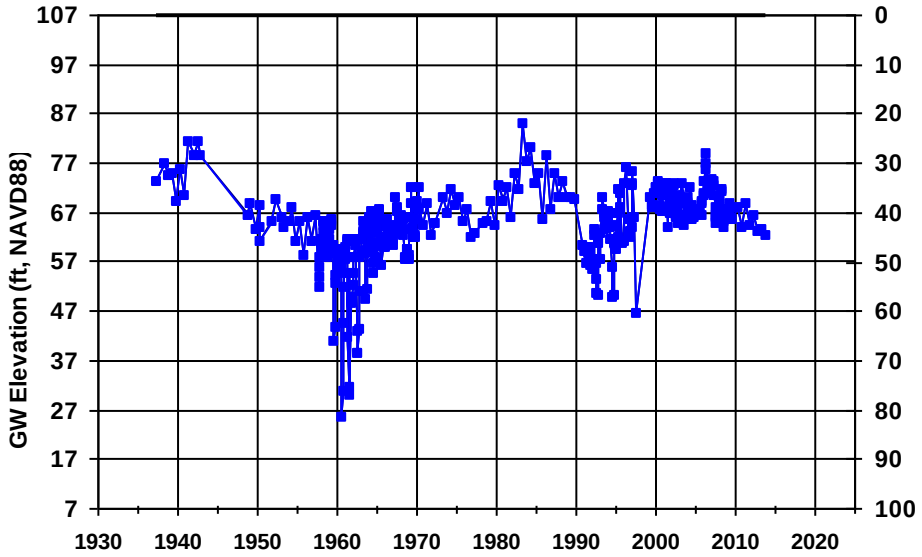
Manual Water Level Measurement

* Multiple Screens

WellID: 08N01E19K001M

Zone: Upper Tehama

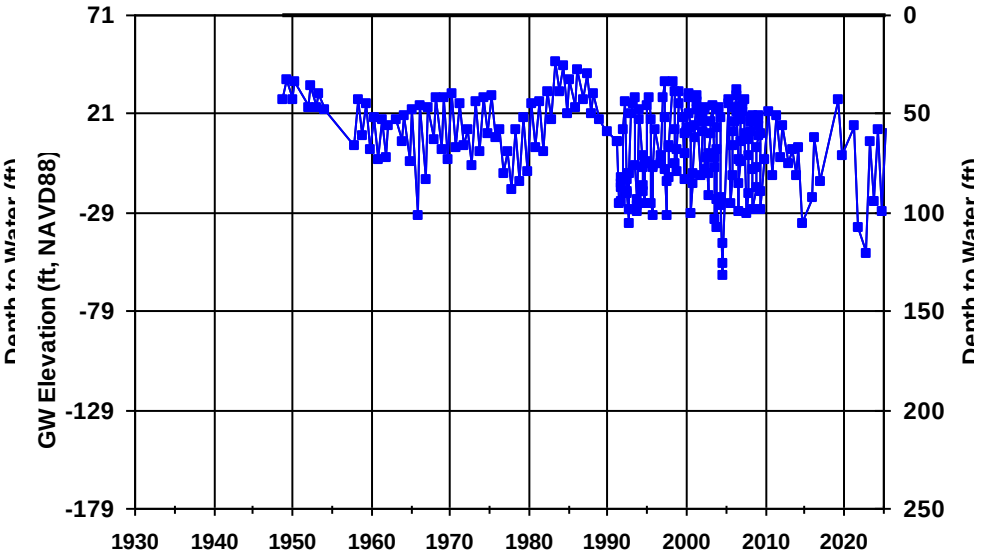
Source: DWR Perf Int (ft): 132-172 RPE (ft): 107.08 Well Depth (ft): 172



WellID: 08N01E24Q001M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

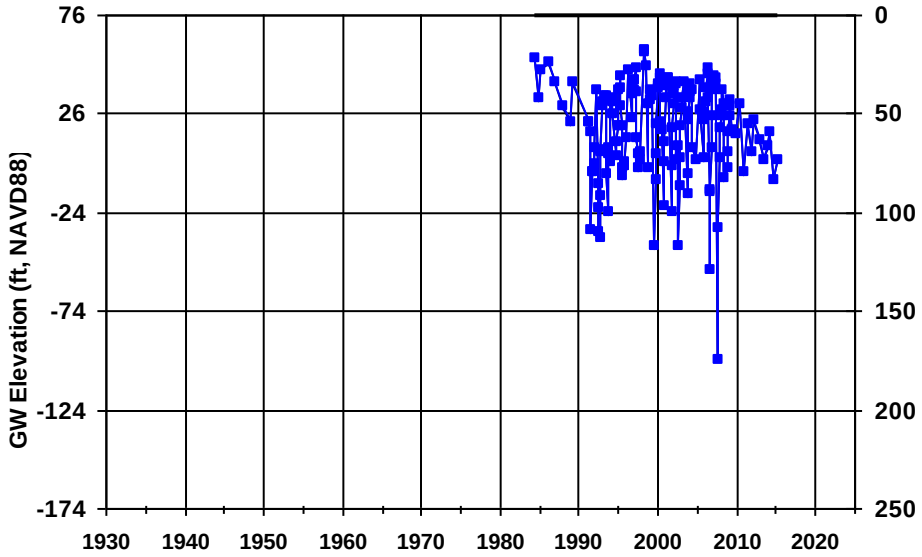
Source: DWR_US Perf Int (ft): N/A RPE (ft): 71 Well Depth (ft): 630



WellID: 08N01E25N001M

Zone: Upper Tehama

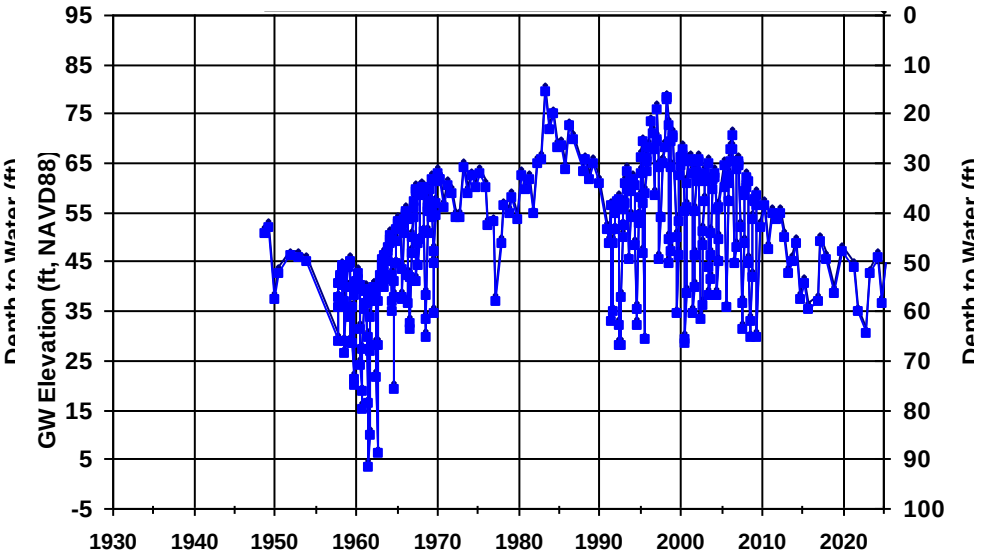
Source: DWR Perf Int (ft): 227-464 RPE (ft): 75.55 Well Depth (ft): 464



WellID: 08N01E28G001M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

Source: DWR Perf Int (ft): N/A RPE (ft): 95.27 Well Depth (ft): 202



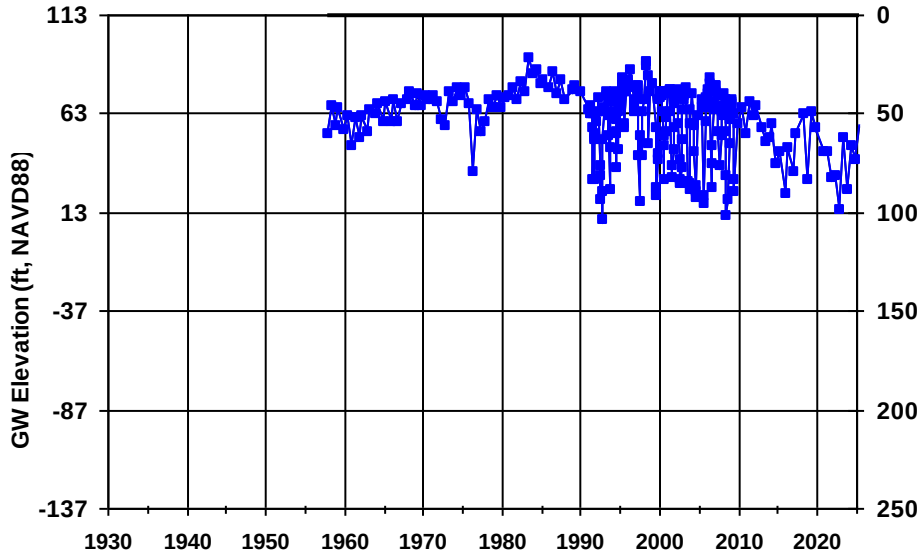
Manual Water Level Measurement

* Multiple Screens

WellID: 08N01E30G002M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

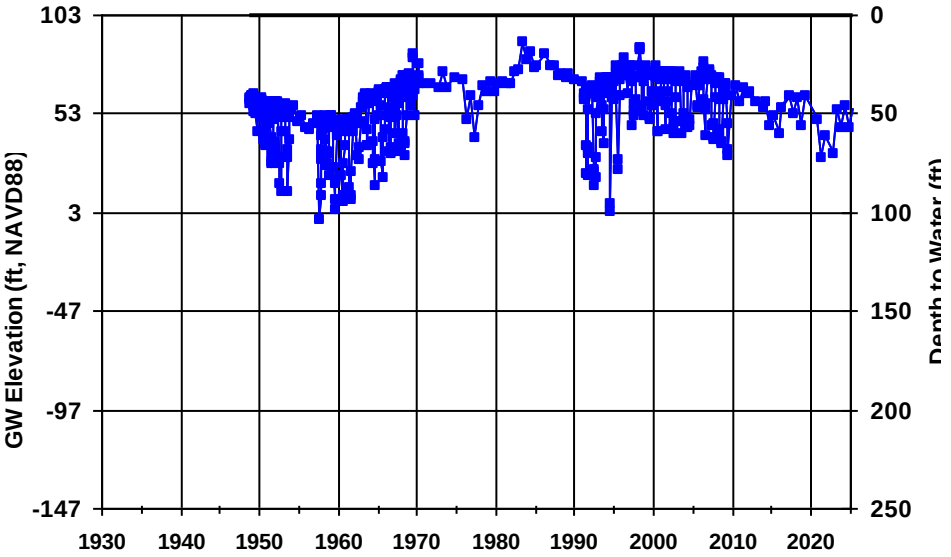
Source: DWR Perf Int (ft): N/A RPE (ft): 112.58 Well Depth (ft): 185



WellID: 08N01E32E001M

Zone: Quaternary Alluvium (primary) & Upper Tehama (possible)

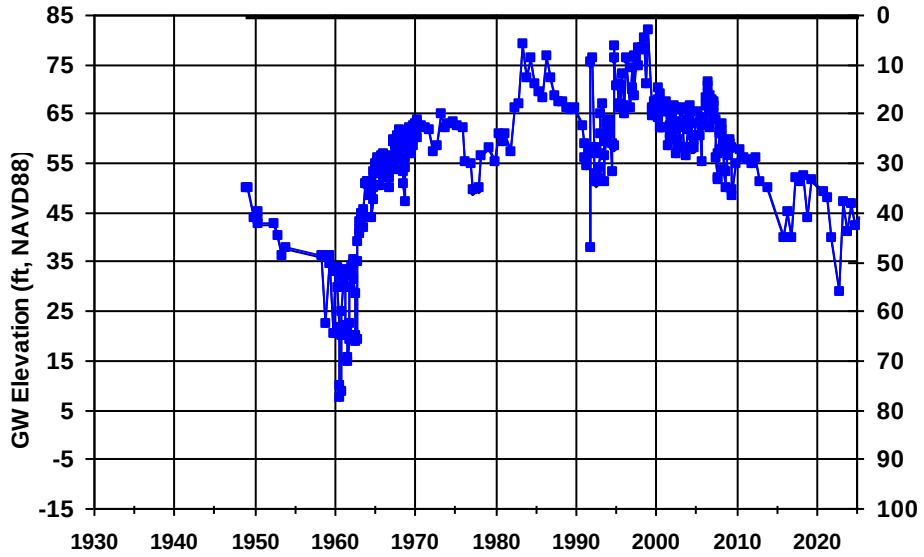
Source: DWR_US Perf Int (ft): N/A RPE (ft): 102.88 Well Depth (ft): 132



WellID: 08N01E33H001M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

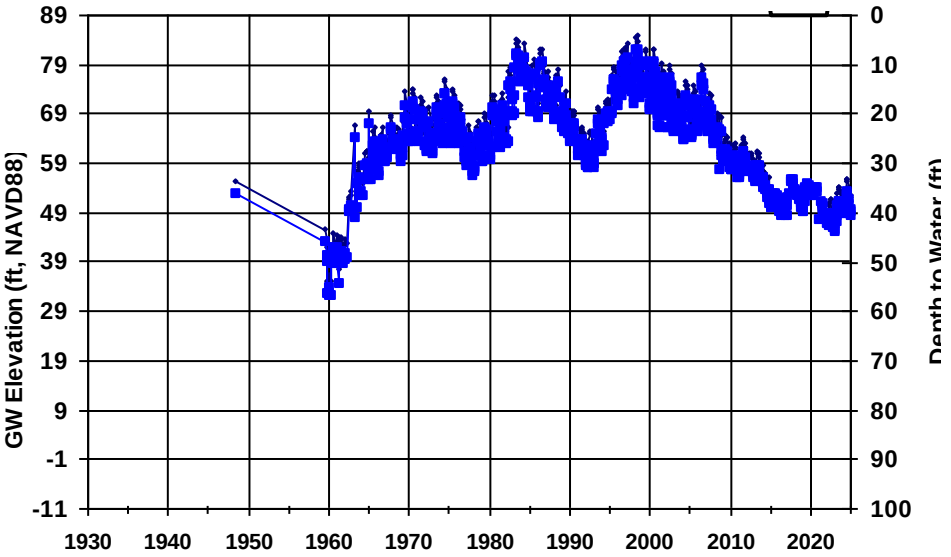
Source: DWR_US Perf Int (ft): N/A RPE (ft): 84.57 Well Depth (ft): 216



WellID: 08N01E33Q002M

Zone: Quaternary Alluvium (possible)

Source: DWR Perf Int (ft): N/A RPE (ft): 89.07 Well Depth (ft): 76



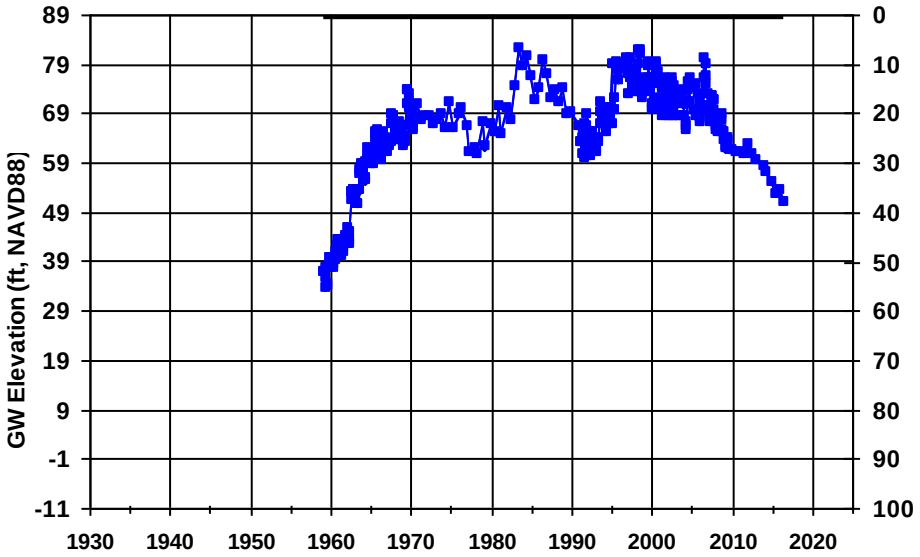
Manual Water Level Measurement

* Multiple Screens

WellID: 08N01E33Q003M

Zone: Quaternary Alluvium (possible)

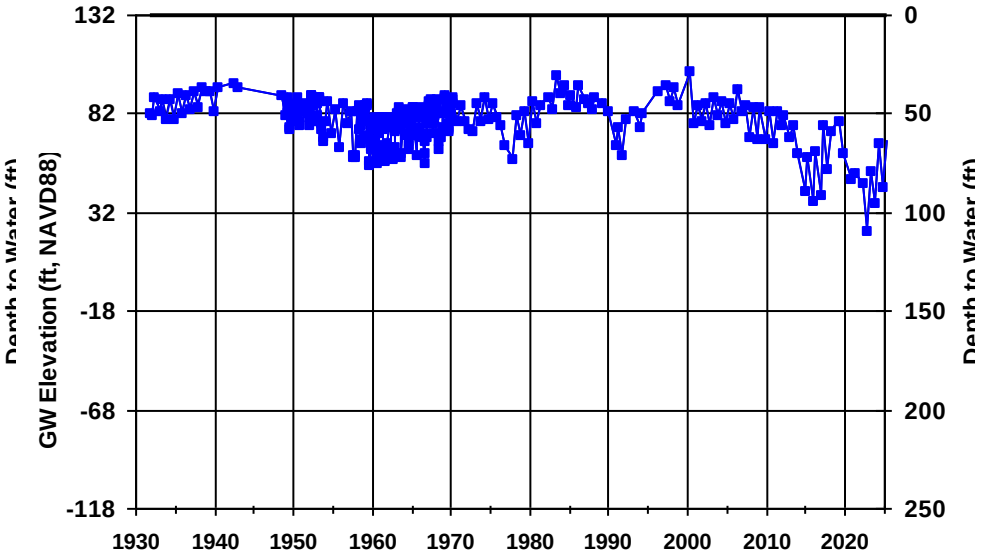
Source: DWR Perf Int (ft): N/A RPE (ft): 88.57 Well Depth (ft): 62



WellID: 08N01W22P001M

Zone: Unknown

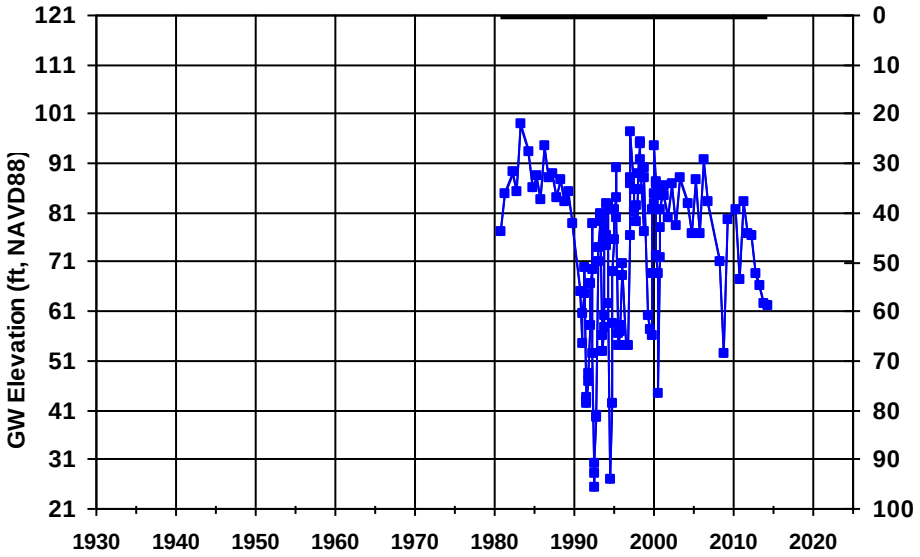
Source: DWR Perf Int (ft): N/A RPE (ft): 132.3 Well Depth (ft):



WellID: 08N01W24D001M

Zone: Upper Tehama

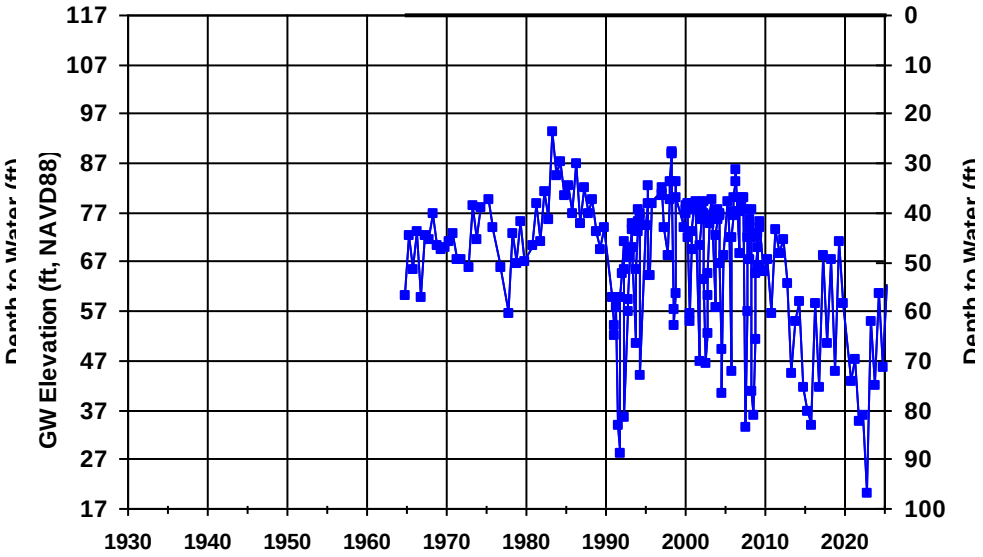
Source: DWR Perf Int (ft): 324-516* RPE (ft): 120.59 Well Depth (ft): 516



WellID: 08N01W25A002M

Zone: Unknown

Source: DWR Perf Int (ft): N/A RPE (ft): 117.08 Well Depth (ft):



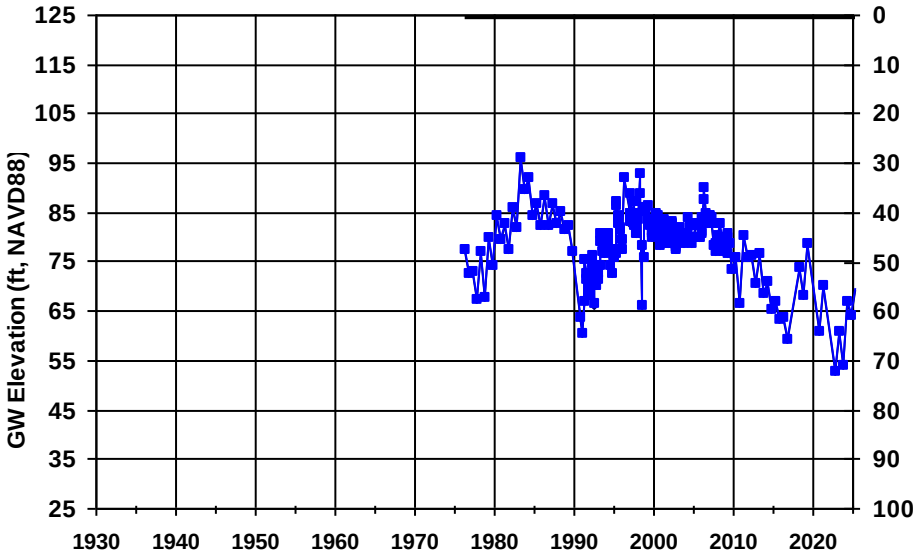
Manual Water Level Measurement

* Multiple Screens

WellID: 08N01W26A002M

Zone: Upper Tehama (primary) & Quaternary Alluvium

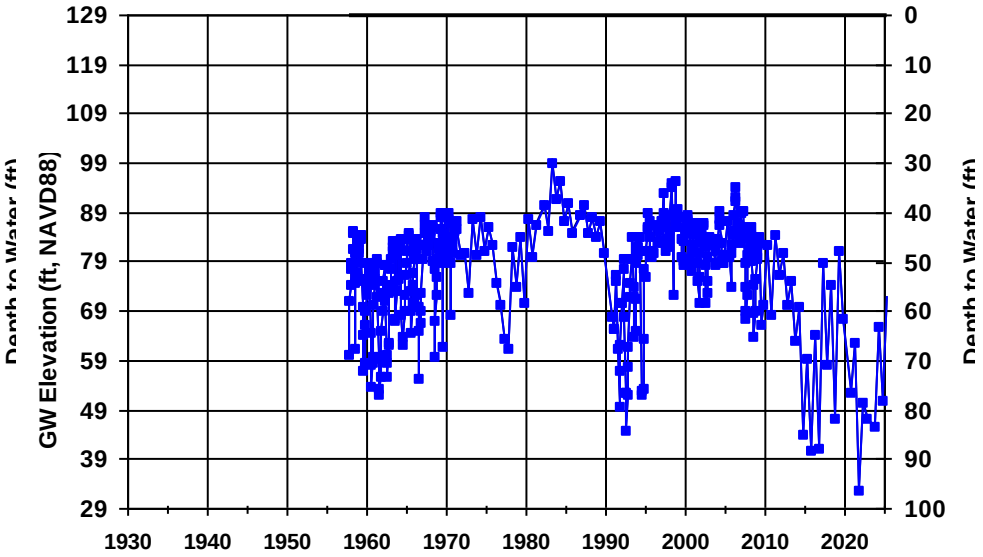
Source: DWR_US Perf Int (ft): 70-262* RPE (ft): 124.59 Well Depth (ft): 265



WellID: 08N01W26D005M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

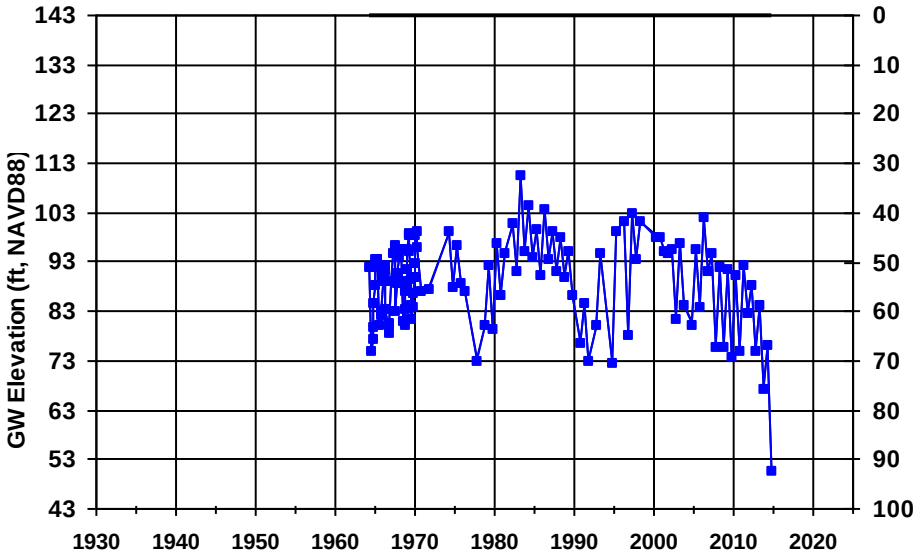
Source: DWR Perf Int (ft): 20-200 RPE (ft): 129.19 Well Depth (ft): 200



WellID: 08N01W28B002M

Zone: Unknown

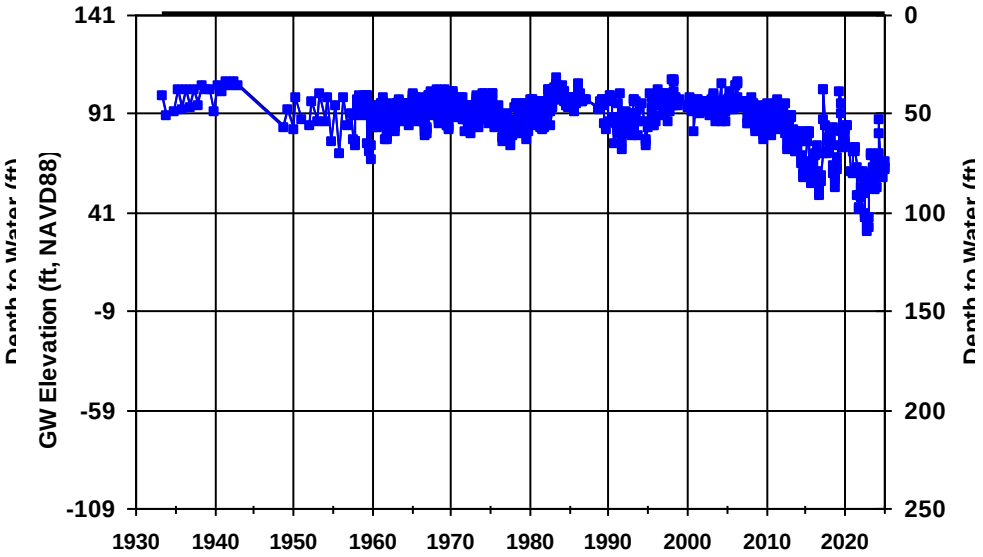
Source: DWR Perf Int (ft): N/A RPE (ft): 143.1 Well Depth (ft):



WellID: 08N01W28J001M

Zone: Tehama (general, primary) & Quaternary Alluvium (possible)

Source: DWR Perf Int (ft): N/A RPE (ft): 140.61 Well Depth (ft): 207



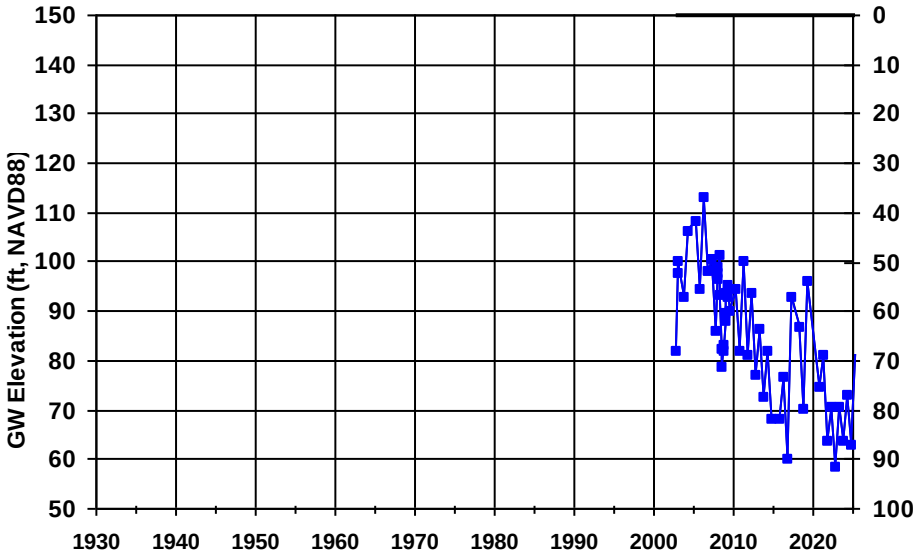
Manual Water Level Measurement

* Multiple Screens

WellID: 08N01W32E002M

Zone: Quaternary Alluvium (possible)

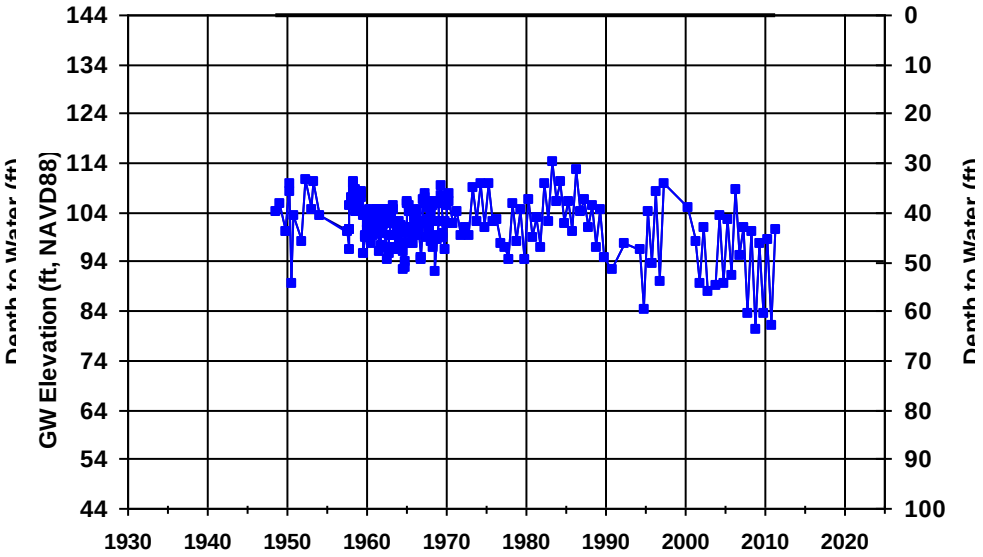
Source: DWR Perf Int (ft): 88-131 RPE (ft): 150.1 Well Depth (ft): 140



WellID: 08N01W32H001M

Zone: Unknown

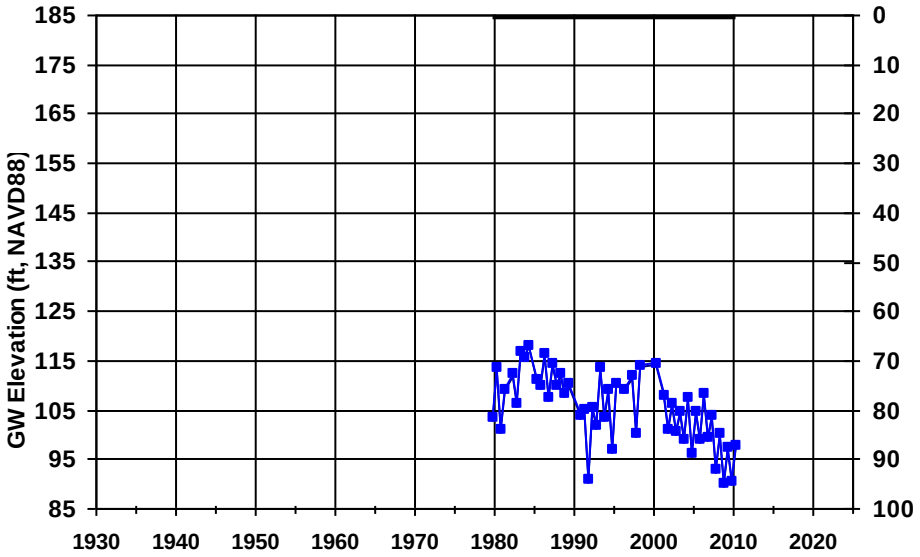
Source: DWR Perf Int (ft): N/A RPE (ft): 144.1 Well Depth (ft):



WellID: 08N01W32N003M

Zone: Quaternary Alluvium (primary) & Upper Tehama (possible)

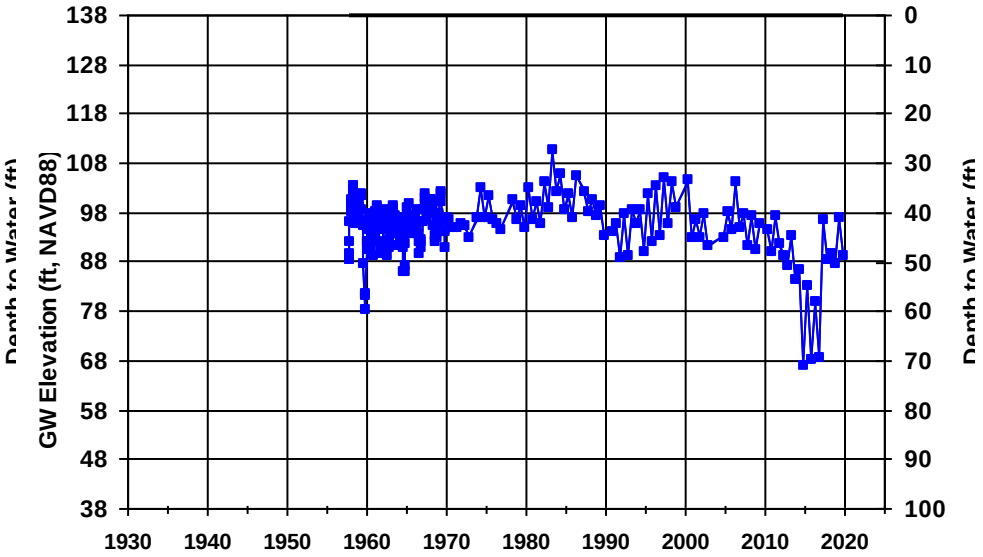
Source: DWR Perf Int (ft): N/A RPE (ft): 184.6 Well Depth (ft): 177



WellID: 08N01W33A001M

Zone: Tehama (general, primary) & Quaternary Alluvium

Source: DWR Perf Int (ft): 20-200 RPE (ft): 137.8 Well Depth (ft): 200



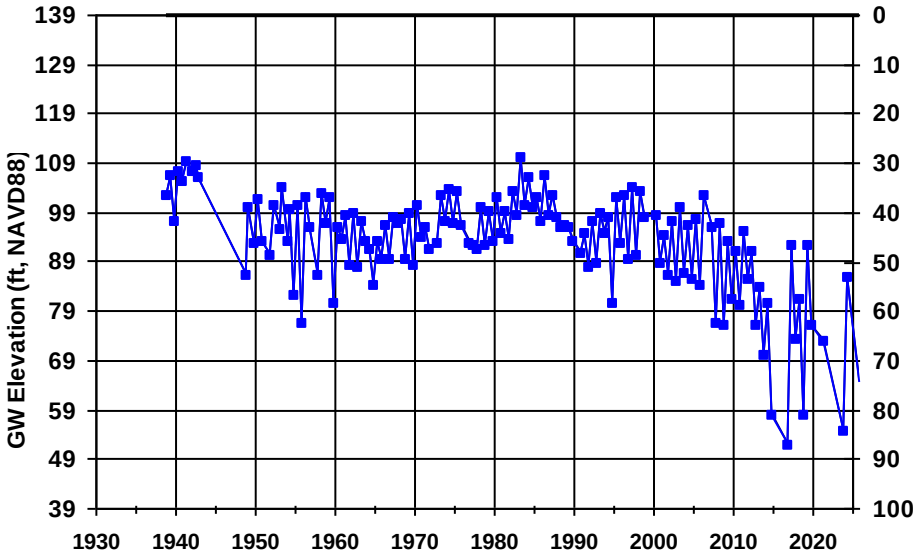
Manual Water Level Measurement

* Multiple Screens

WellID: 08N01W33B002M

Zone: Upper Tehama

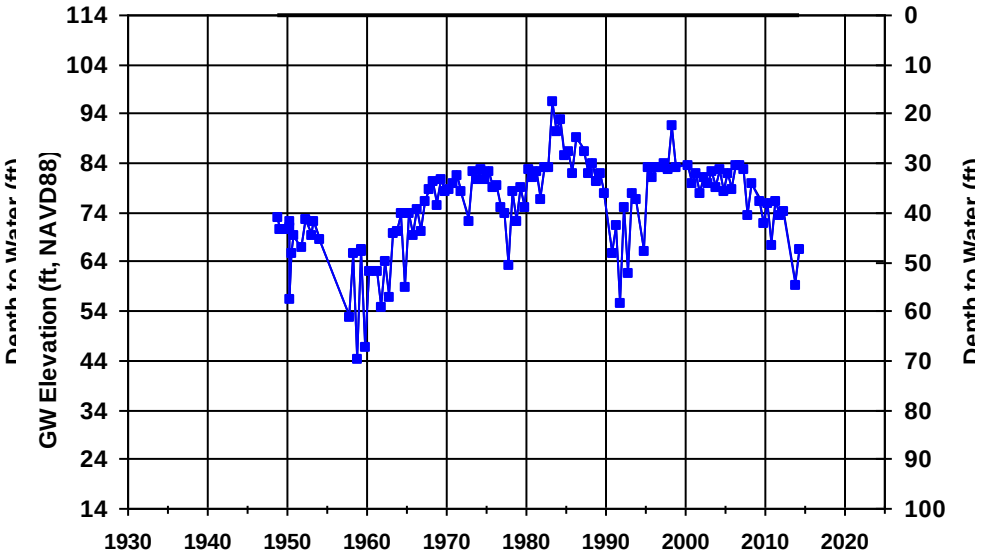
Source: DWR Perf Int (ft): 107-228* RPE (ft): 139.1 Well Depth (ft): 228



WellID: 08N01W35G002M

Zone: Tehama (general, primary) & Quaternary Alluvium

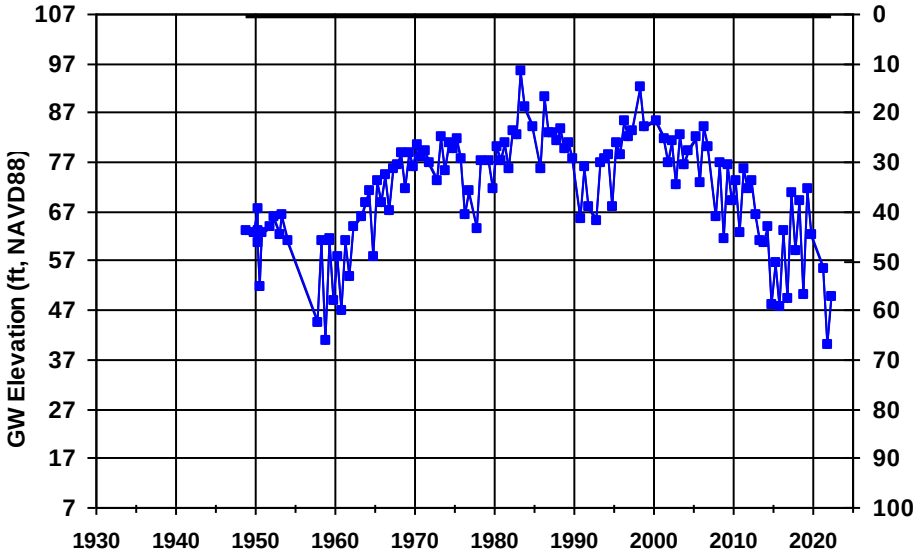
Source: DWR Perf Int (ft): N/A RPE (ft): 114.09 Well Depth (ft): 110



WellID: 08N01W36H001M

Zone: Tehama (general, primary) & Quaternary Alluvium

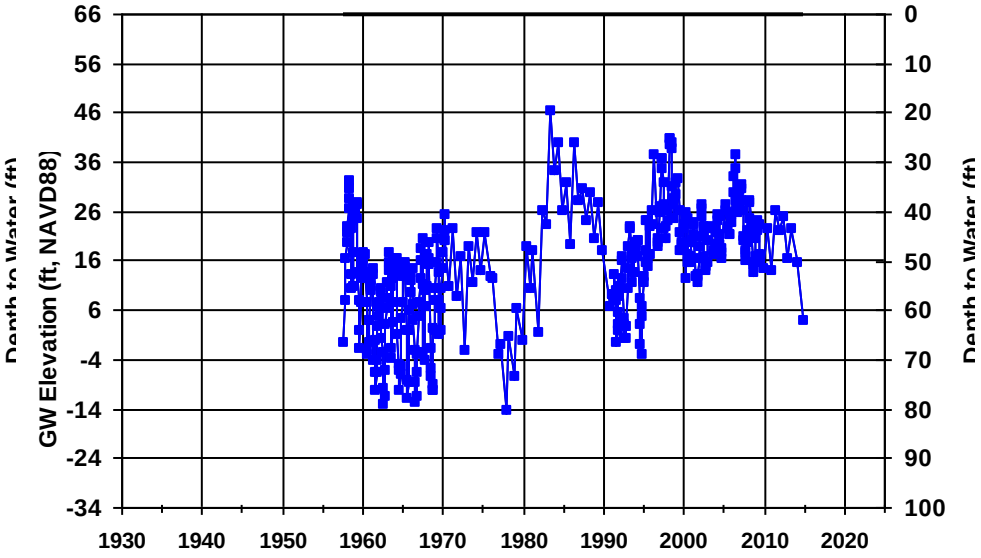
Source: DWR Perf Int (ft): N/A RPE (ft): 106.59 Well Depth (ft): 286



WellID: 08N02E17M001M

Zone: Quaternary Alluvium (primary) & Upper Tehama (possible)

Source: DWR Perf Int (ft): N/A RPE (ft): 65.9 Well Depth (ft): 134



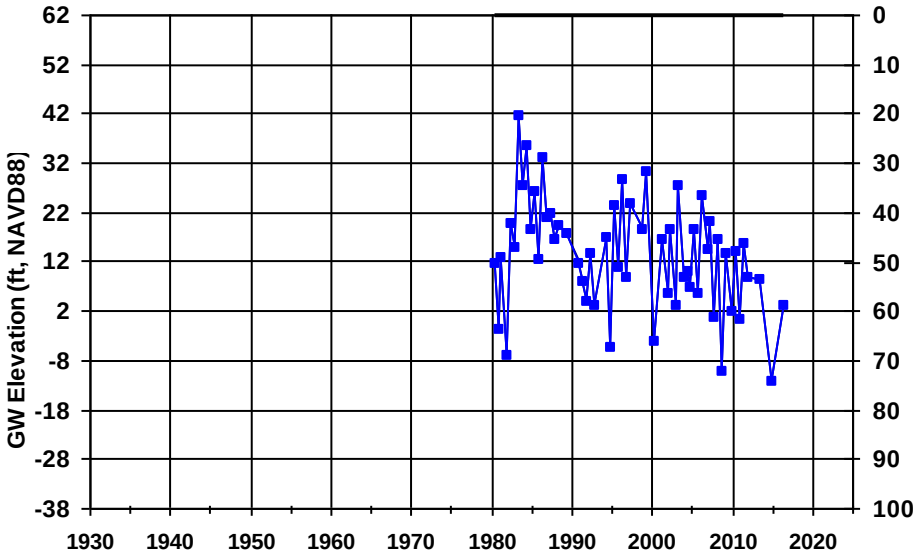
Manual Water Level Measurement

* Multiple Screens

WellID: 08N02E20G001M

Zone: Upper Tehama (primary) & Quaternary Alluvium (possible)

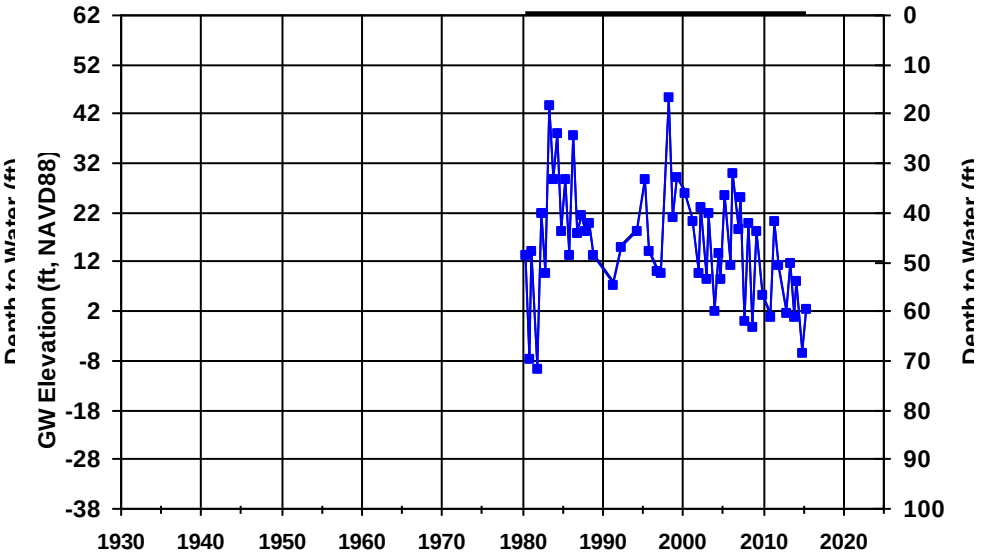
Source: DWR Perf Int (ft): 75-250 RPE (ft): 62 Well Depth (ft): 250



WellID: 08N02E21L001M

Zone: Upper Tehama

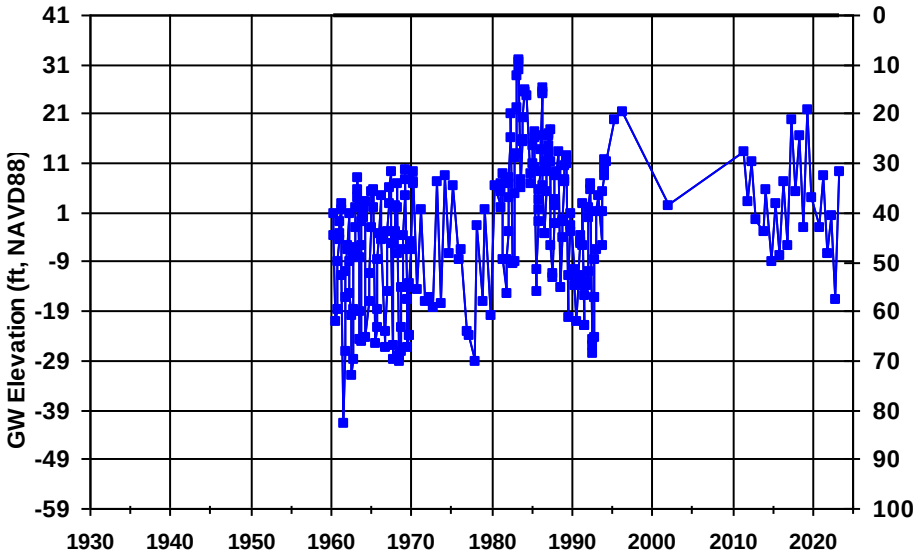
Source: DWR Perf Int (ft): 205-488 RPE (ft): 62.3 Well Depth (ft): 500



WellID: 08N02E24N001M

Zone: Unknown

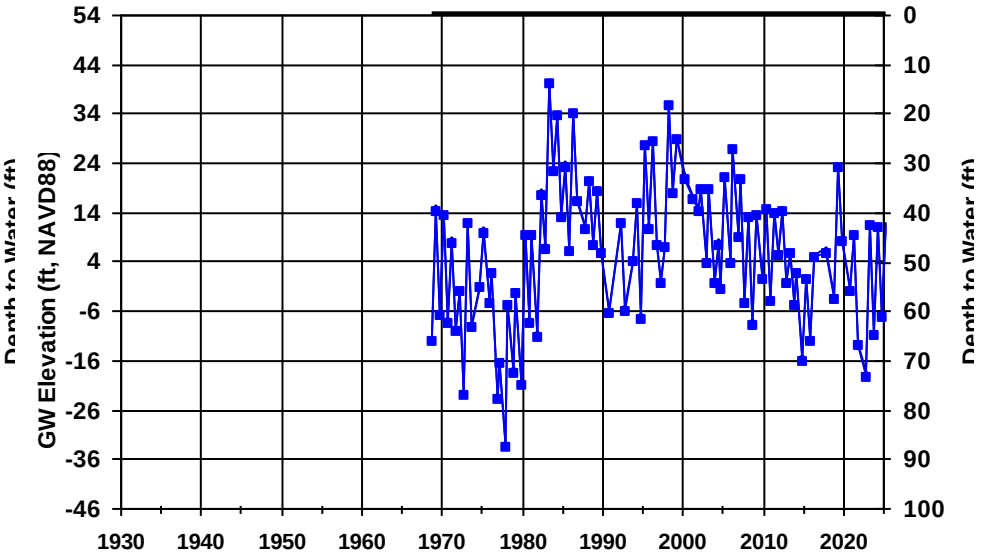
Source: DWR Perf Int (ft): N/A RPE (ft): 41 Well Depth (ft):



WellID: 08N02E27C002M

Zone: Upper Tehama (primary) & Quaternary Alluvium

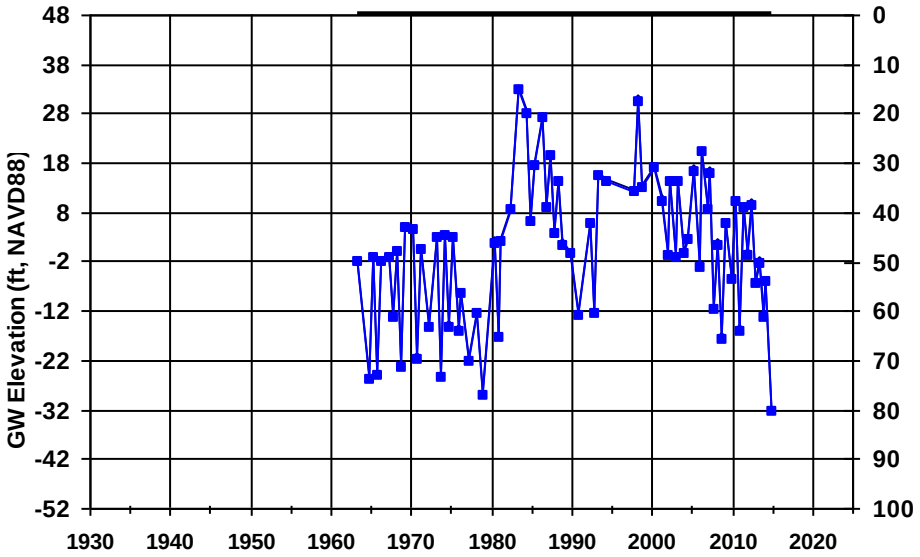
Source: DWR_US Perf Int (ft): 120-288* RPE (ft): 54.5 Well Depth (ft): 288



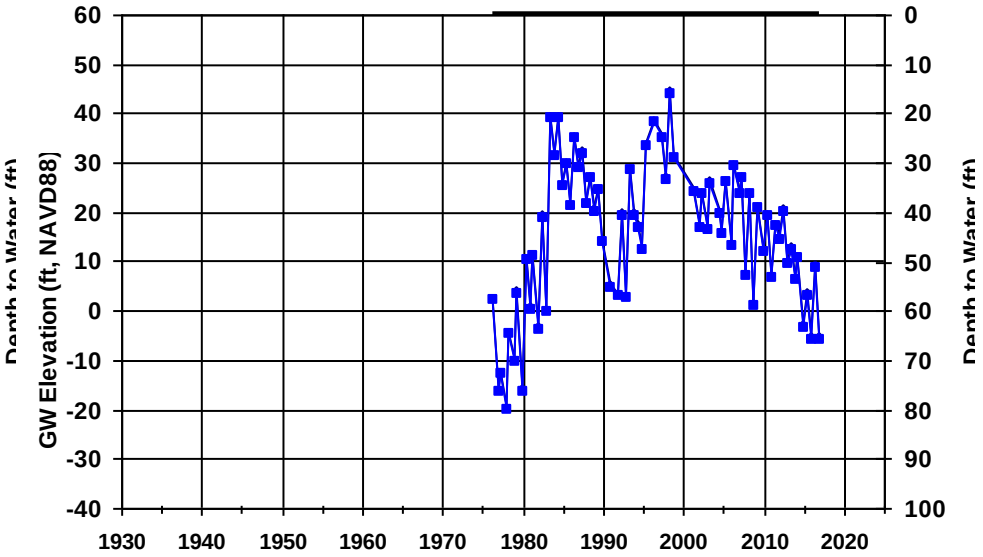
Manual Water Level Measurement

* Multiple Screens

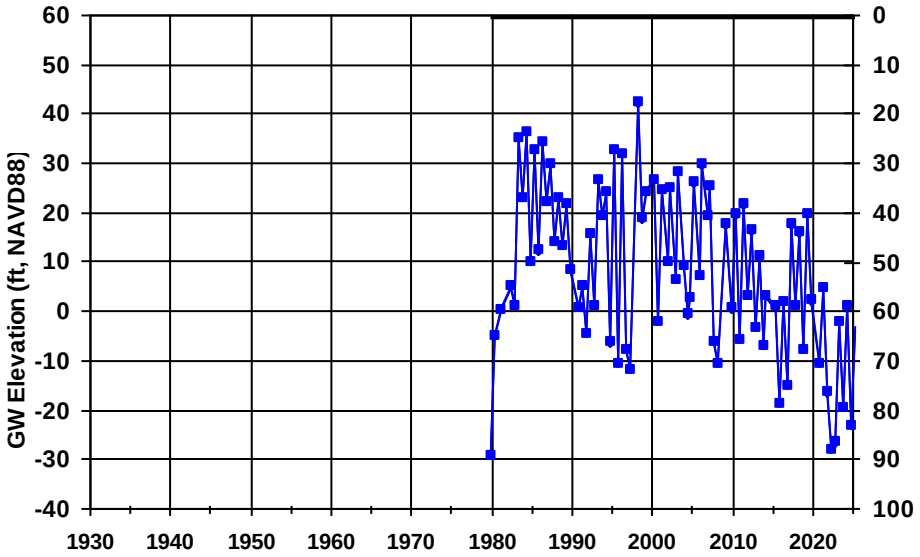
WellID: 08N02E27Q002M
Zone: Unknown
Source: DWR Perf Int (ft): N/A RPE (ft): 48.5 Well Depth (ft):



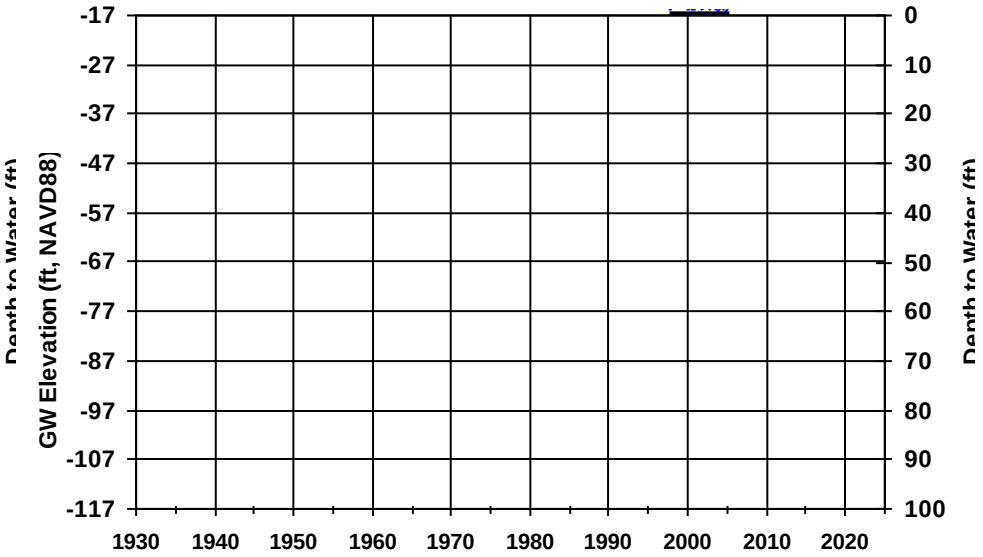
WellID: 08N02E32N001M
Zone: Upper Tehama
Source: DWR Perf Int (ft): 163-390* RPE (ft): 60.5 Well Depth (ft): 391



WellID: 08N02E32R001M
Zone: Unknown
Source: DWR Perf Int (ft): N/A RPE (ft): 59.5 Well Depth (ft):



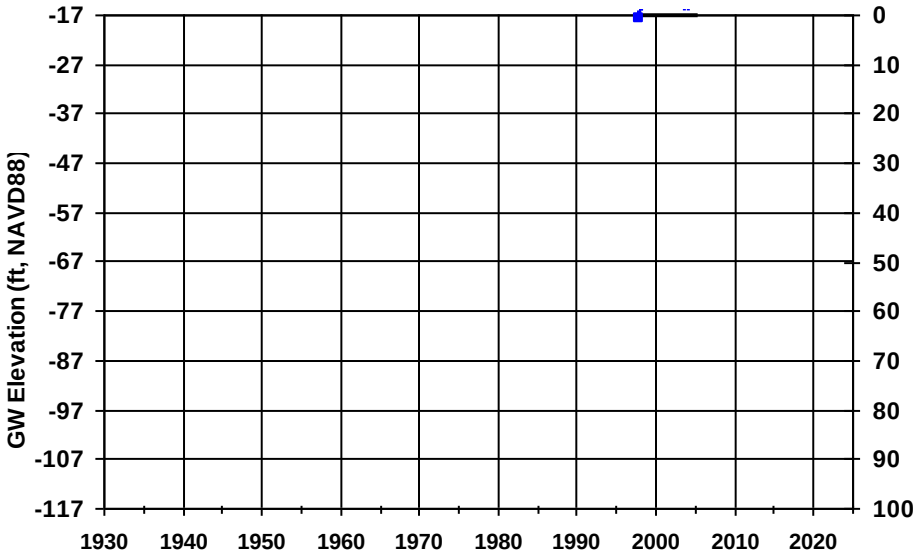
WellID: 380624121383301
Zone: Unknown
Source: USGS Perf Int (ft): N/A RPE (ft): -16.738 Well Depth (ft): 27



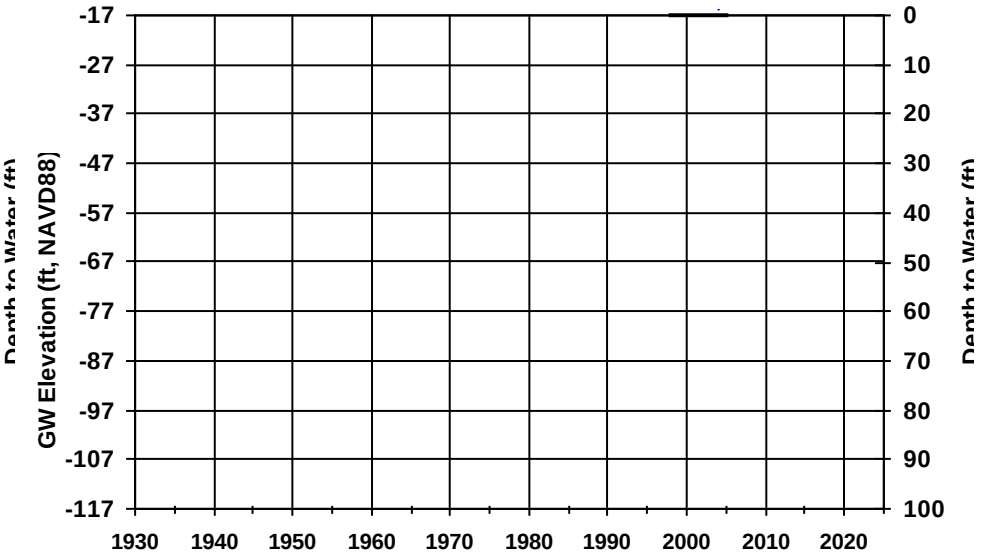
Manual Water Level Measurement

* Multiple Screens

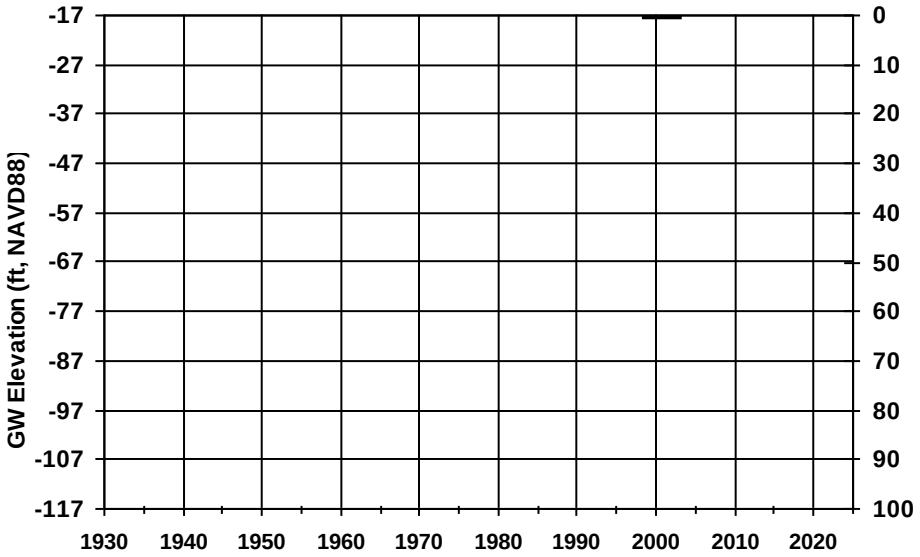
WellID: 380624121383302
Zone: Unknown
Source: USGS Perf Int (ft): N/A RPE (ft): -16.808 Well Depth (ft): 10



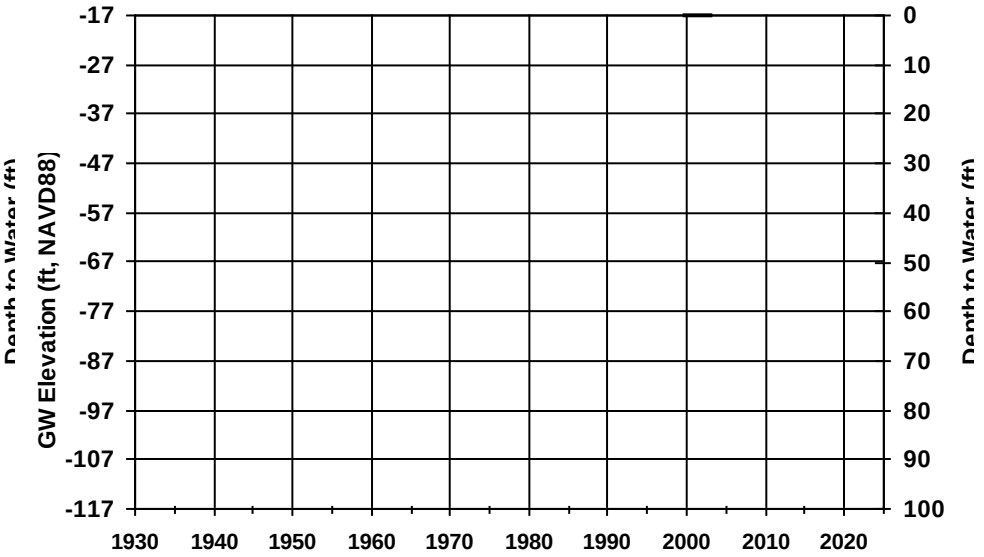
WellID: 380624121383303
Zone: Unknown
Source: USGS Perf Int (ft): N/A RPE (ft): -16.898 Well Depth (ft): 2



WellID: 380624121384001
Zone: Unknown
Source: USGS Perf Int (ft): N/A RPE (ft): -17.215 Well Depth (ft): 27



WellID: 380624121384002
Zone: Unknown
Source: USGS Perf Int (ft): N/A RPE (ft): -16.965 Well Depth (ft): 10

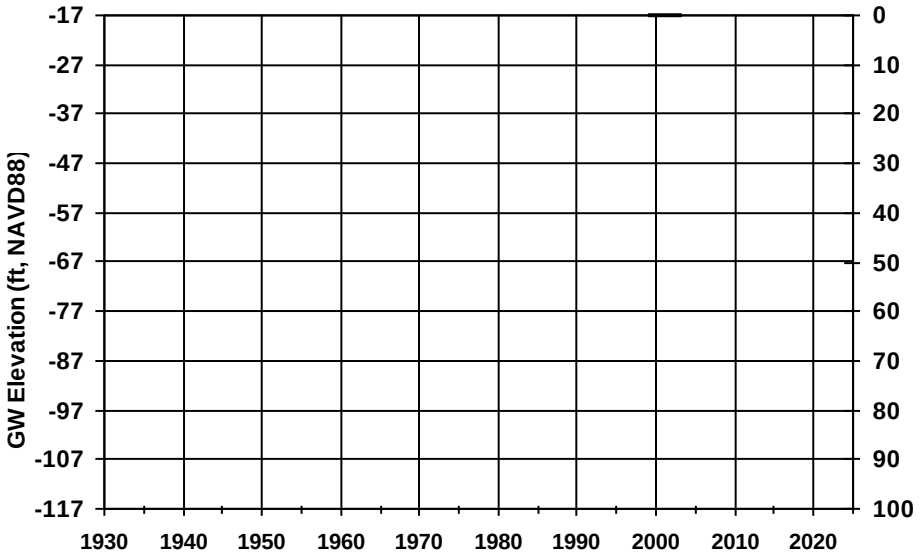


Manual Water Level Measurement
* Multiple Screens

WellID: 380624121384003

Zone: Unknown

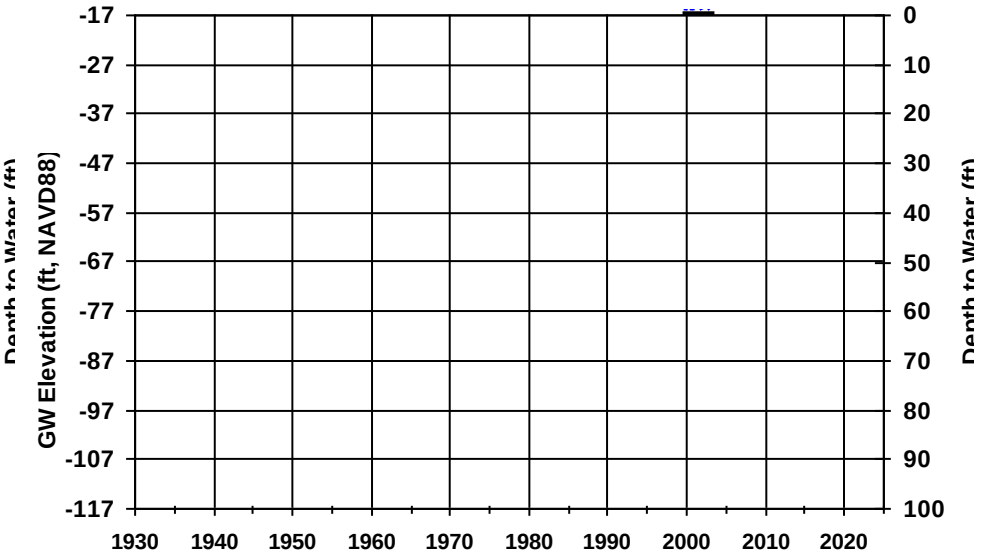
Source: USGS Perf Int (ft): N/A RPE (ft): -17.165 Well Depth (ft): 2



WellID: 380626121383201

Zone: Unknown

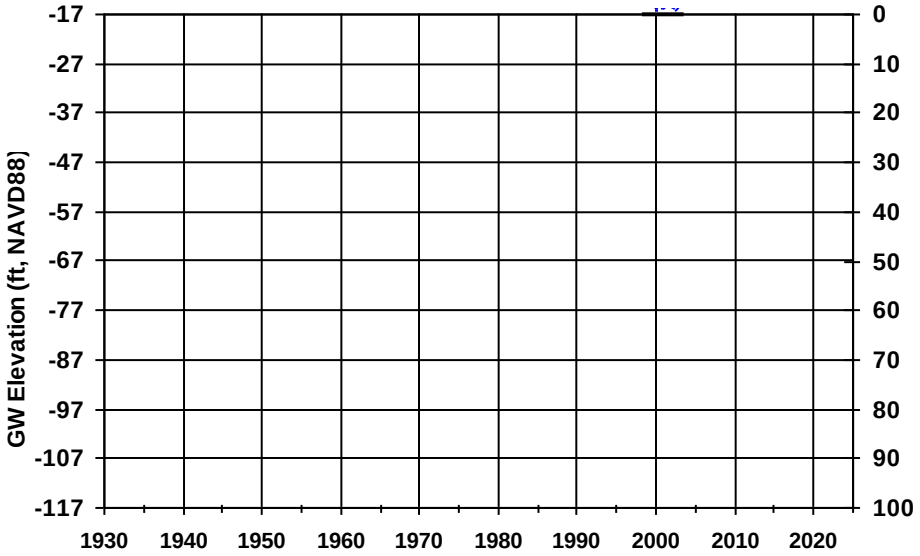
Source: USGS Perf Int (ft): N/A RPE (ft): -16.758 Well Depth (ft): 25



WellID: 380626121383202

Zone: Unknown

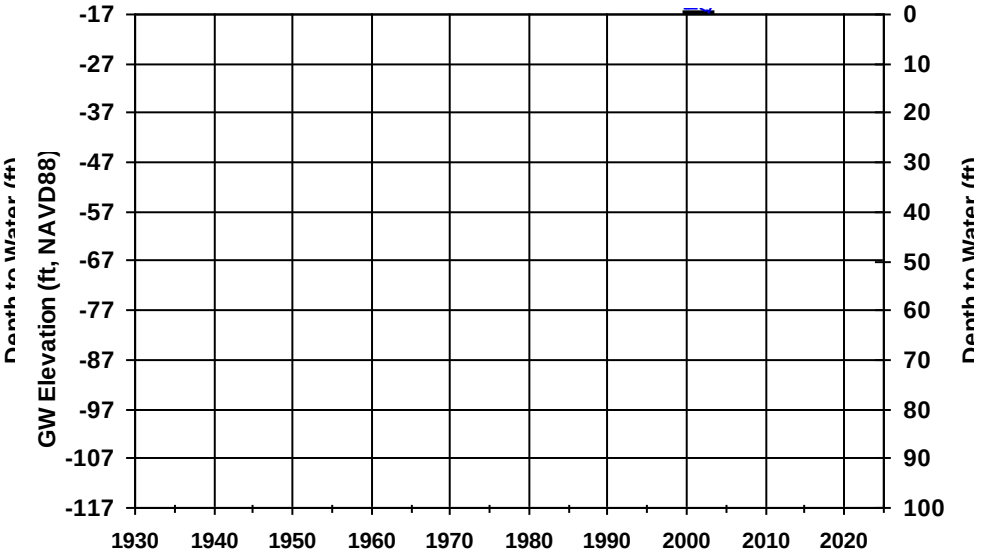
Source: USGS Perf Int (ft): N/A RPE (ft): -16.968 Well Depth (ft): 10



WellID: 380626121383203

Zone: Unknown

Source: USGS Perf Int (ft): N/A RPE (ft): -16.768 Well Depth (ft): 2



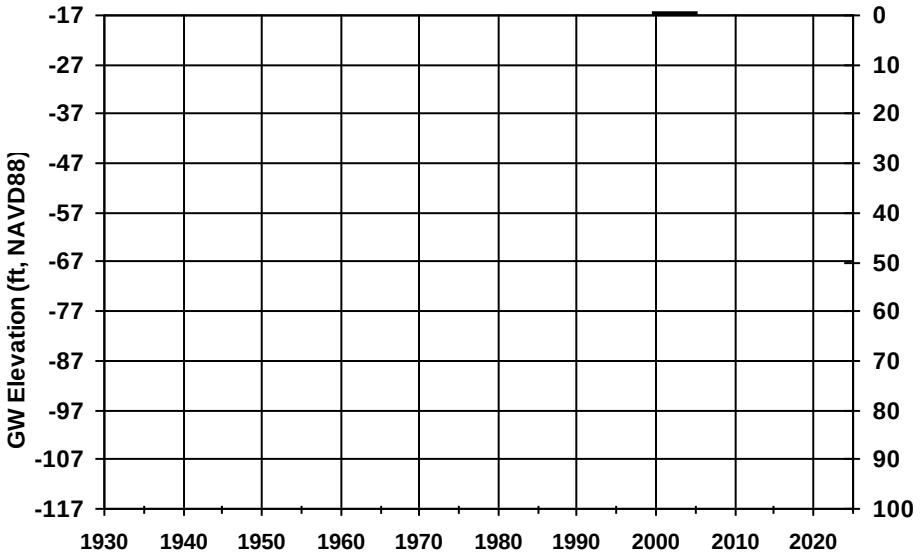
Manual Water Level Measurement

* Multiple Screens

WellID: 380626121383501

Zone: Unknown

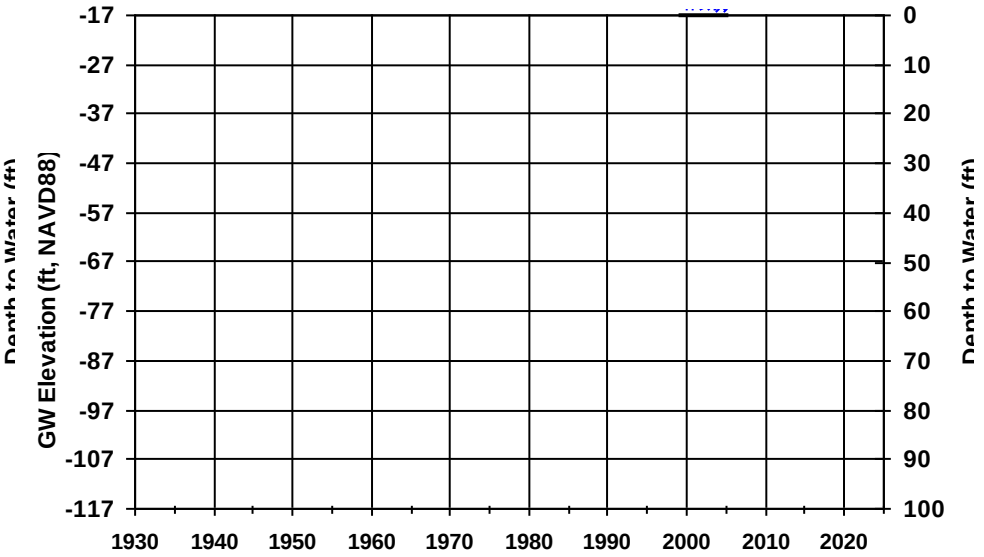
Source: USGS Perf Int (ft): N/A RPE (ft): -16.778 Well Depth (ft): 88



WellID: 380626121383502

Zone: Unknown

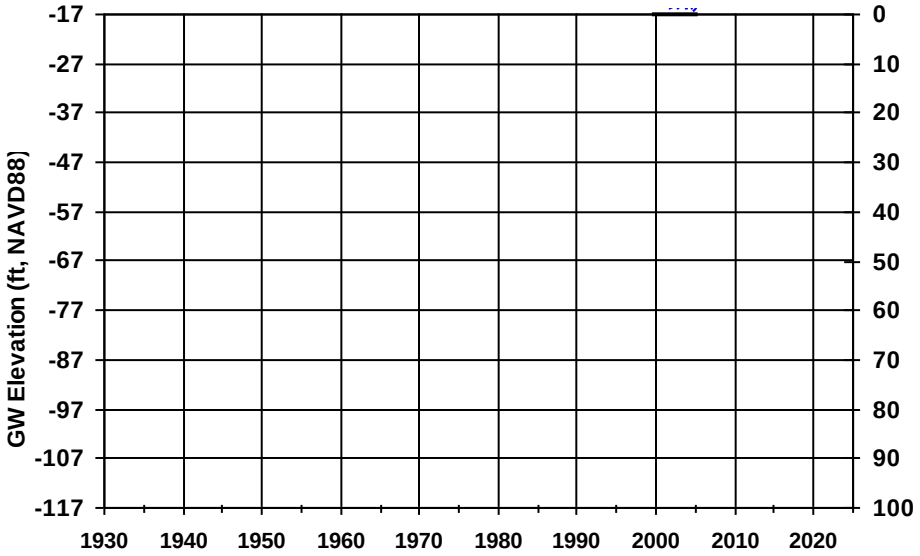
Source: USGS Perf Int (ft): N/A RPE (ft): -16.848 Well Depth (ft): 60



WellID: 380626121383503

Zone: Unknown

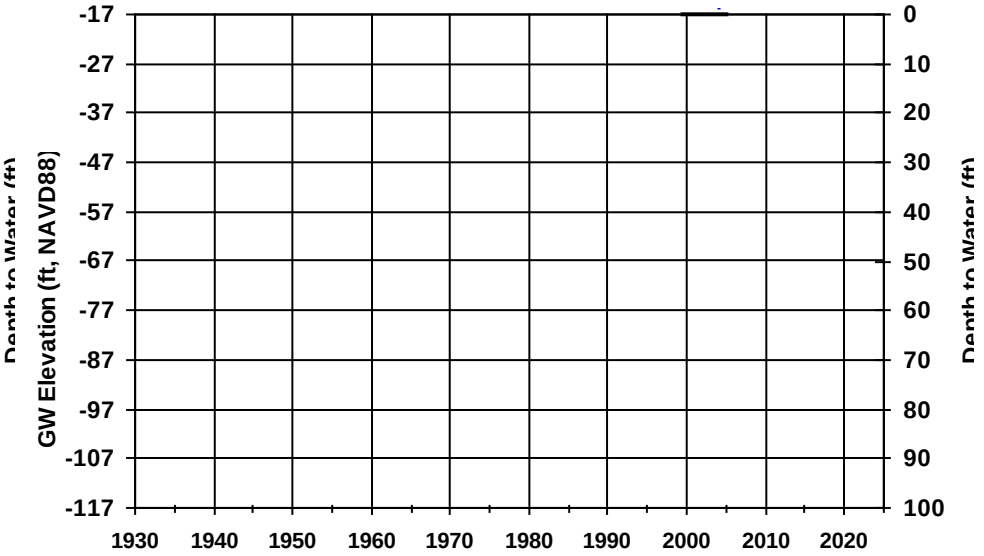
Source: USGS Perf Int (ft): N/A RPE (ft): -16.978 Well Depth (ft): 27



WellID: 380626121383504

Zone: Unknown

Source: USGS Perf Int (ft): N/A RPE (ft): -17.048 Well Depth (ft): 10



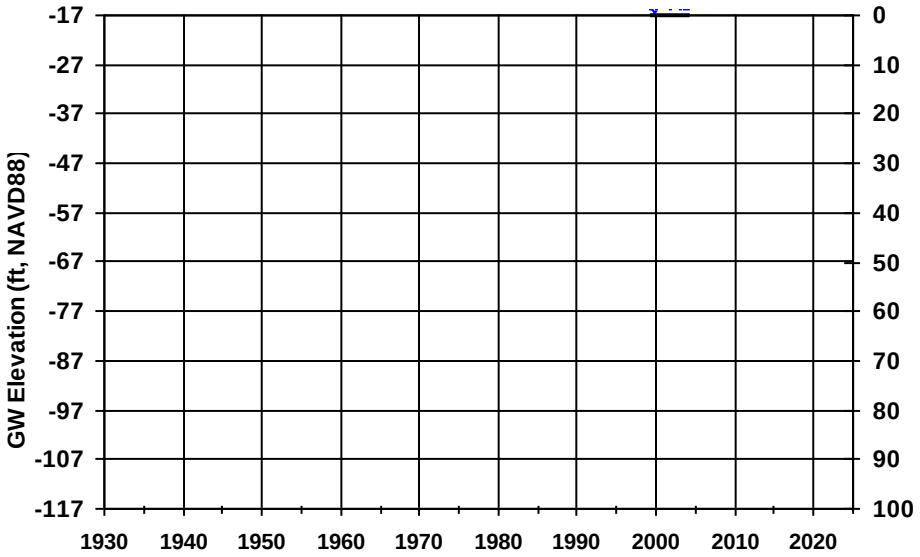
Manual Water Level Measurement

* Multiple Screens

WellID: 380626121383505

Zone: Unknown

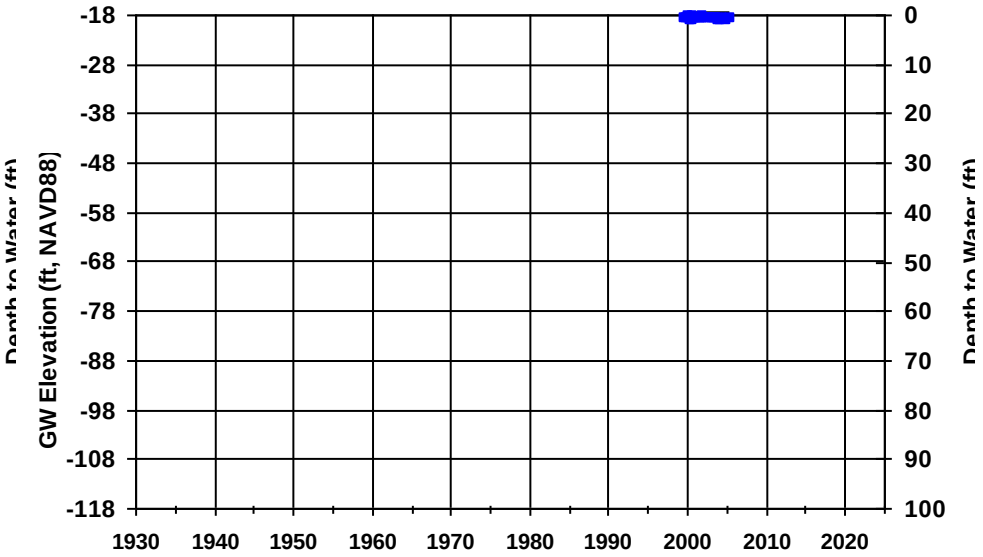
Source: USGS Perf Int (ft): N/A RPE (ft): -17.058 Well Depth (ft): 2



WellID: 380626121383506

Zone: Unknown

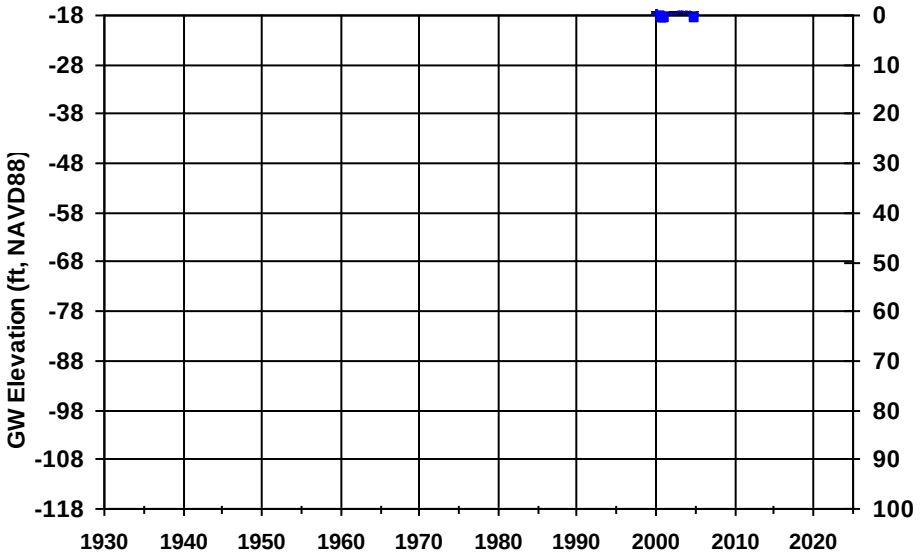
Source: USGS Perf Int (ft): N/A RPE (ft): -17.708 Well Depth (ft): 11



WellID: 380626121383507

Zone: Unknown

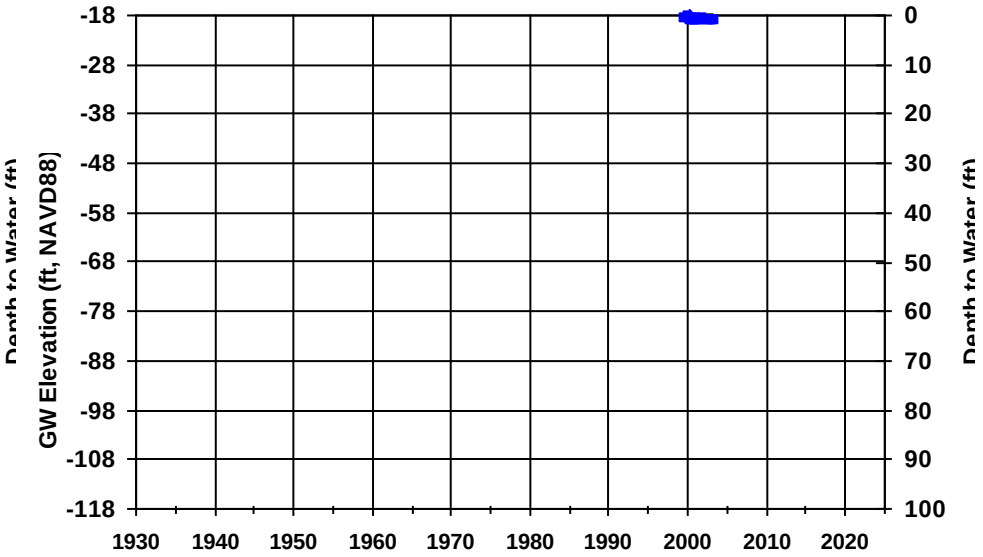
Source: USGS Perf Int (ft): N/A RPE (ft): -17.588 Well Depth (ft): 2



WellID: 380627121383201

Zone: Unknown

Source: USGS Perf Int (ft): N/A RPE (ft): -17.908 Well Depth (ft): 11



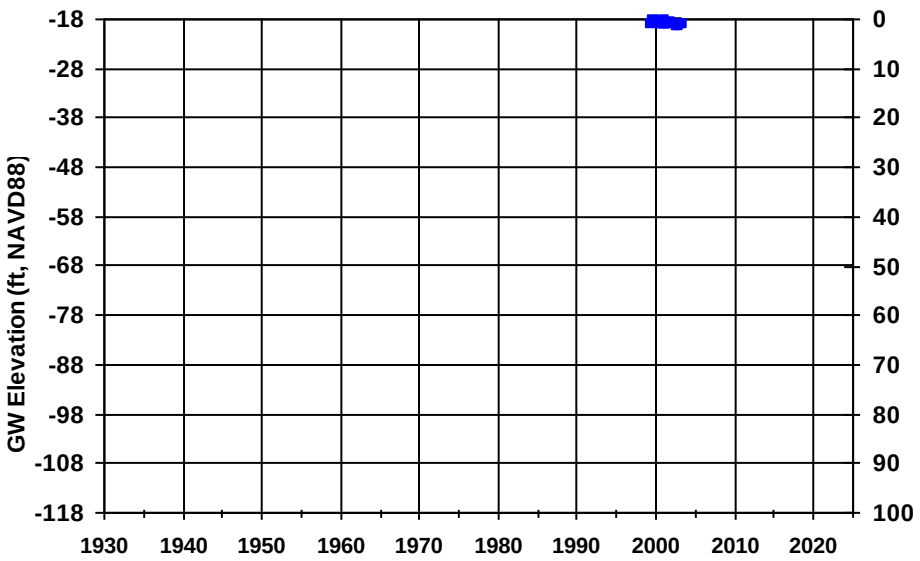
Manual Water Level Measurement

* Multiple Screens

WellID: 380627121383202

Zone: Unknown

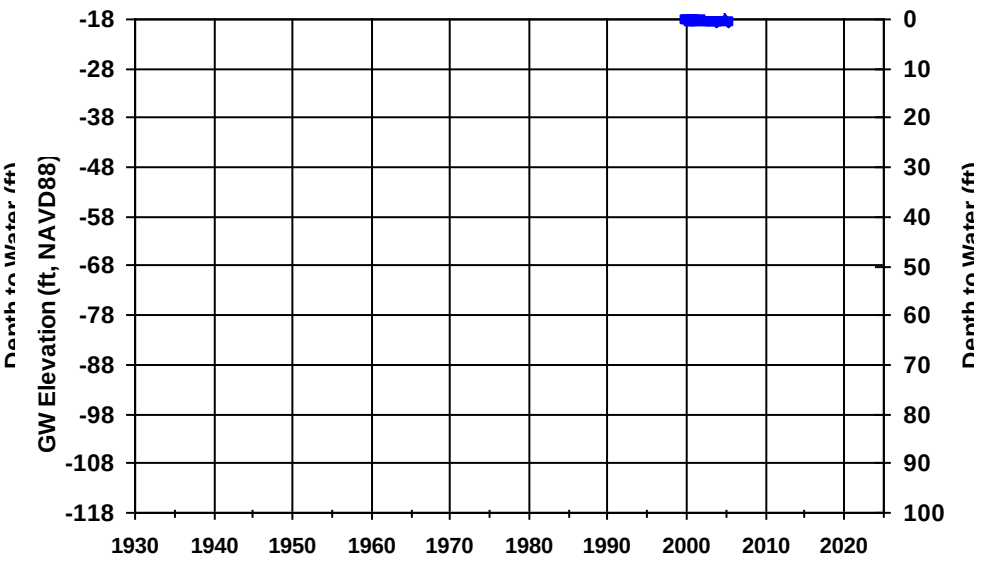
Source: USGS Perf Int (ft): N/A RPE (ft): -18.028 Well Depth (ft): 2



WellID: 380627121383601

Zone: Unknown

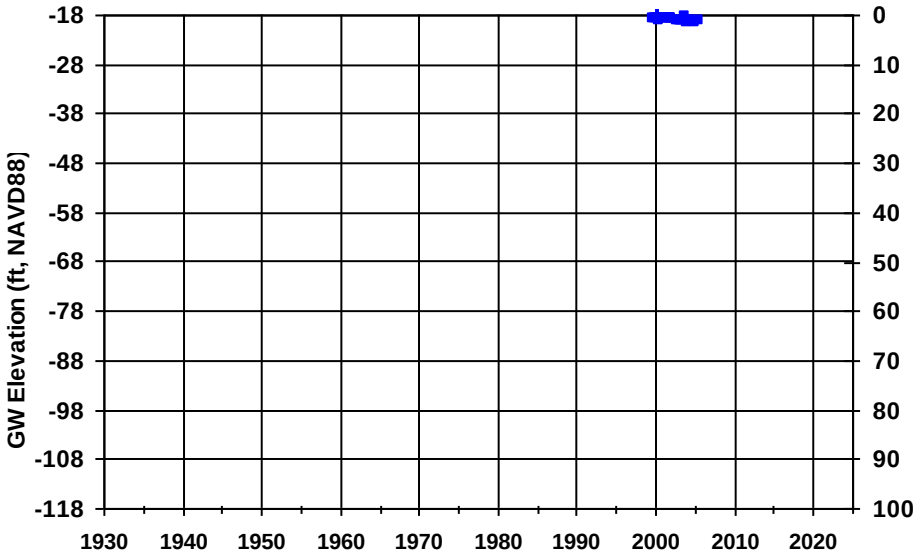
Source: USGS Perf Int (ft): N/A RPE (ft): -18.495 Well Depth (ft): 11



WellID: 380627121383602

Zone: Unknown

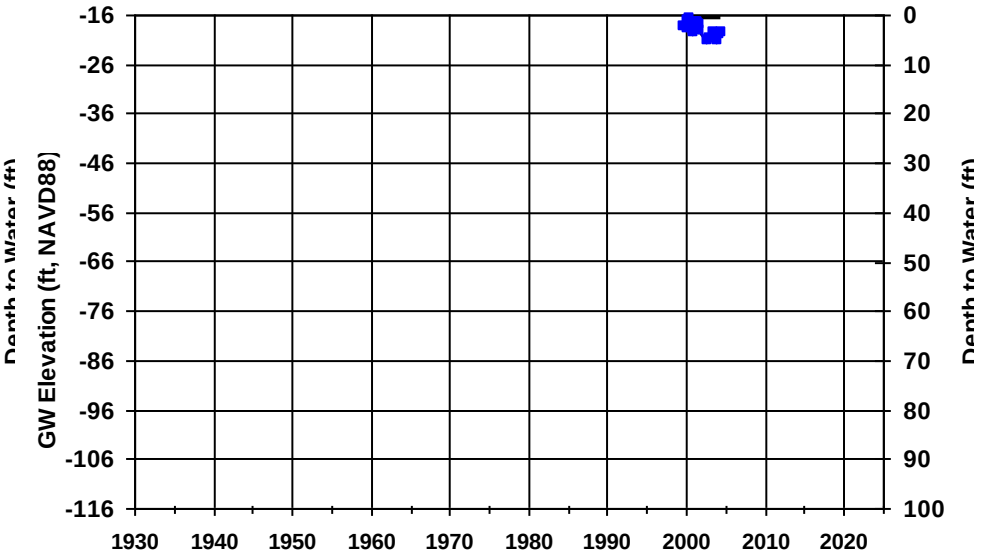
Source: USGS Perf Int (ft): N/A RPE (ft): -18.235 Well Depth (ft): 2



WellID: 380627121383603

Zone: Unknown

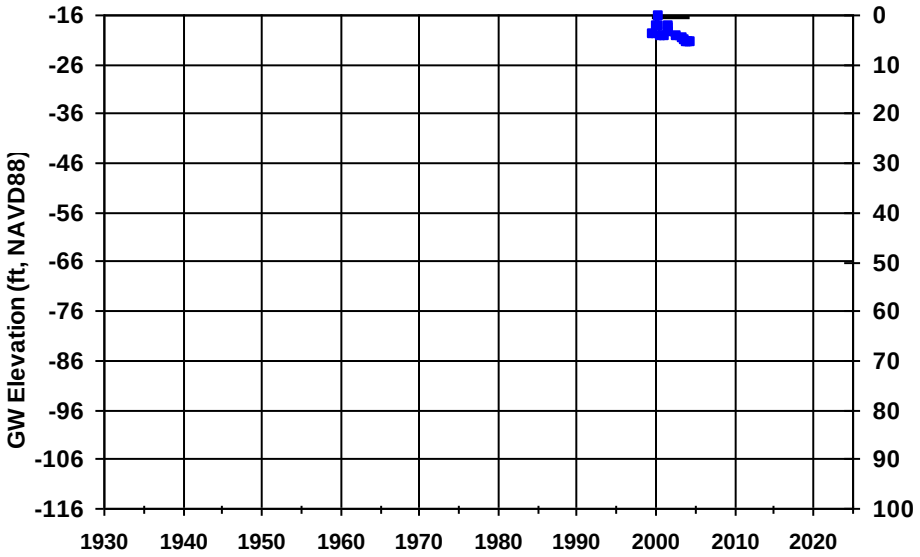
Source: USGS Perf Int (ft): N/A RPE (ft): -16.345 Well Depth (ft): 12



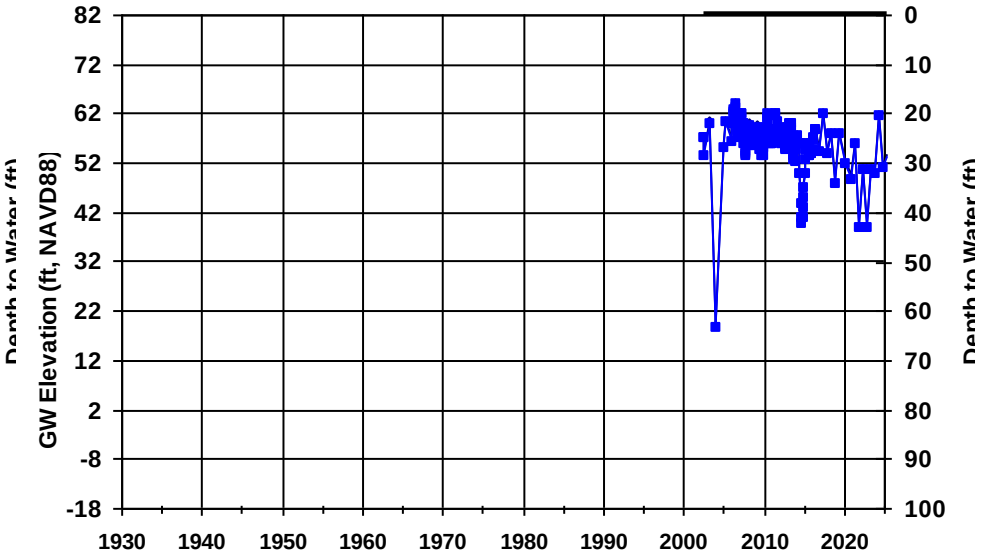
Manual Water Level Measurement

* Multiple Screens

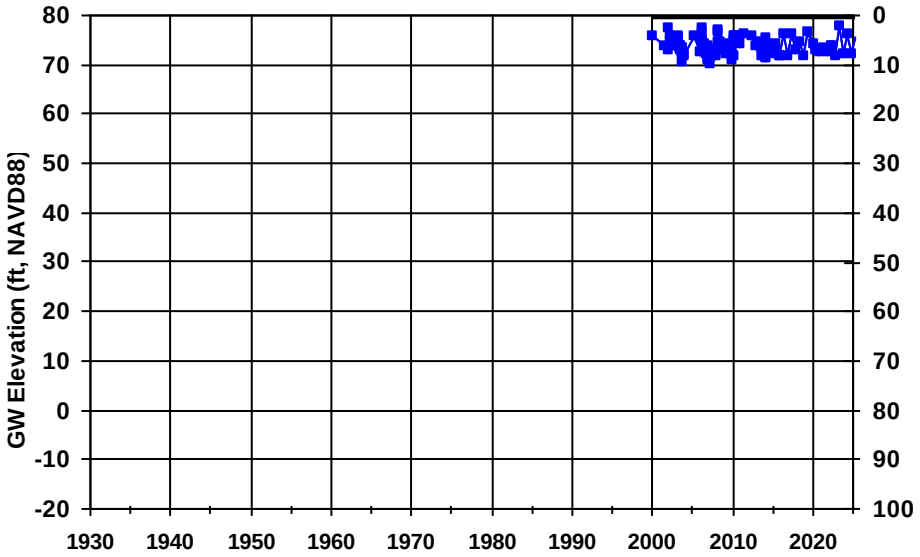
WellID: 380627121383604
Zone: Unknown
Source: USGS Perf Int (ft): N/A RPE (ft): -16.395 Well Depth (ft): 5



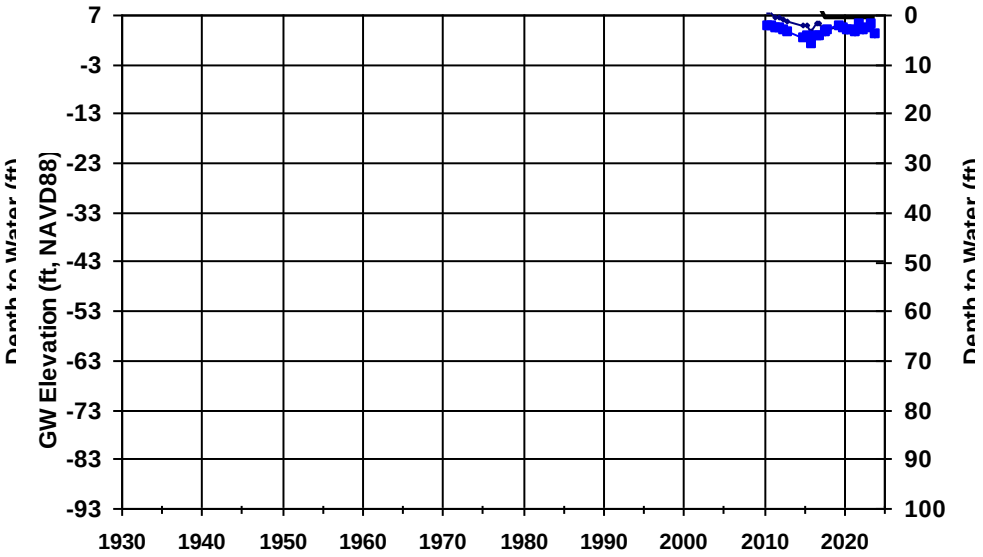
WellID: DeMello
Zone: Upper Tehama
Source: CofV Perf Int (ft): 372-572 RPE (ft): 82.45 Well Depth (ft): 582



WellID: DeMello MW-95ft
Zone: Quaternary Alluvium
Source: CofV Perf Int (ft): 65-85 RPE (ft): 79.78 Well Depth (ft): 95



WellID: L10005407108_P-31
Zone: Quaternary Alluvium (possible)
Source: Geotracker Perf Int (ft): 16-21 RPE (ft): 6.64 Well Depth (ft):

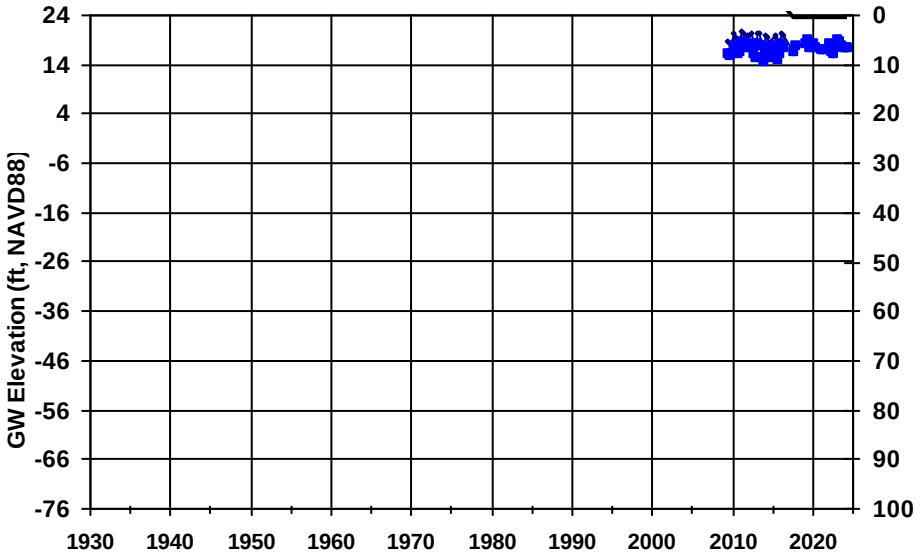


Manual Water Level Measurement
* Multiple Screens

WellID: L10007011530_G-30

Zone: Quaternary Alluvium (possible)

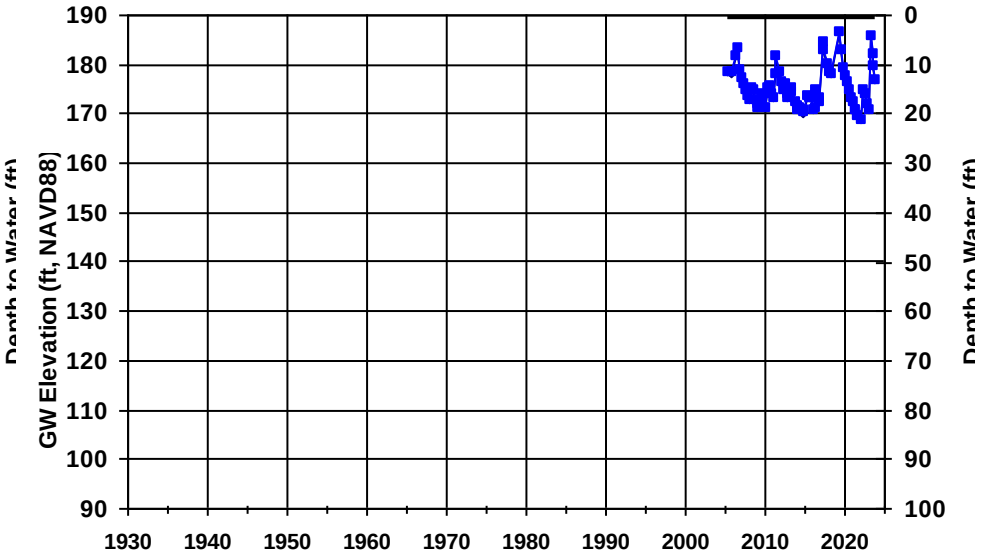
Source: Geotracker Perf Int (ft): 8-18 RPE (ft): 23.58 Well Depth (ft):



WellID: L10007874268_MW-040

Zone: Quaternary Alluvium (possible)

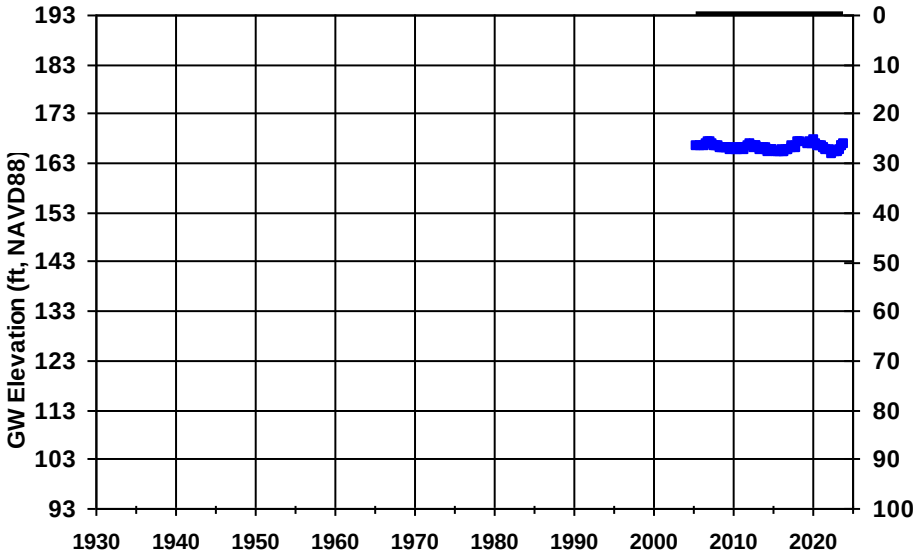
Source: Geotracker Perf Int (ft): 16-25 RPE (ft): 189.51 Well Depth (ft):



WellID: L10007874268_MW-163

Zone: Quaternary Alluvium (possible)

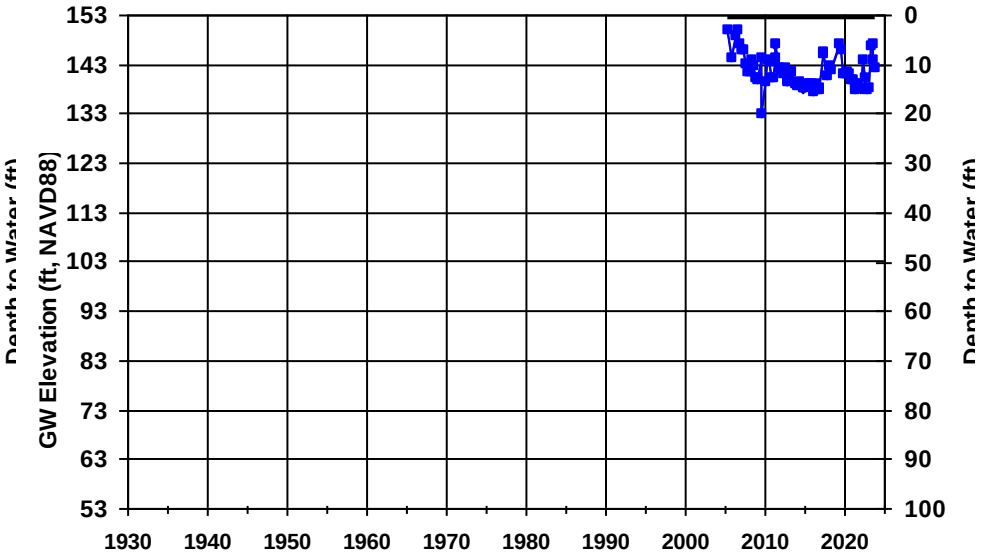
Source: Geotracker Perf Int (ft): 54.3-59.3 RPE (ft): 193.23 Well Depth (ft):



WellID: L10007874268_MW-189

Zone: Quaternary Alluvium (possible)

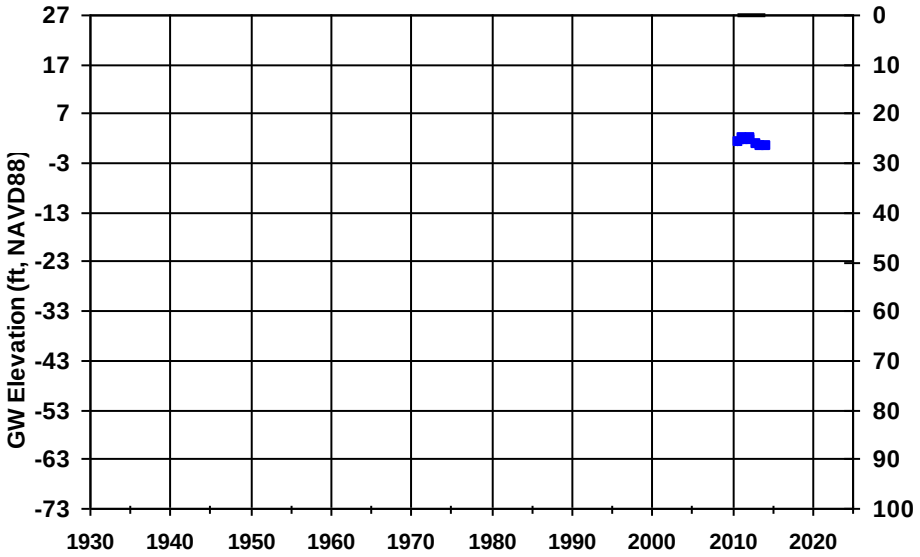
Source: Geotracker Perf Int (ft): 17.5-27.5 RPE (ft): 152.55 Well Depth (ft):



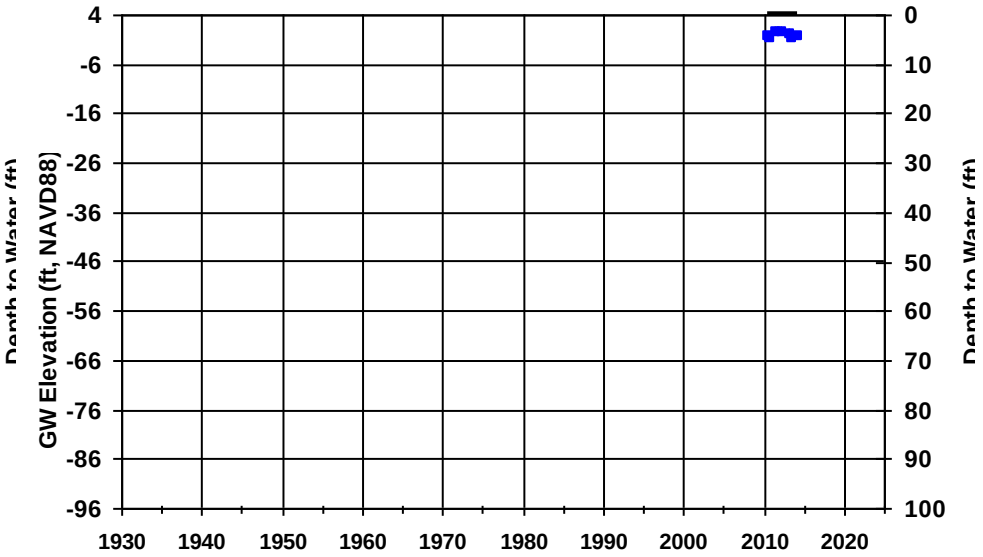
Manual Water Level Measurement

* Multiple Screens

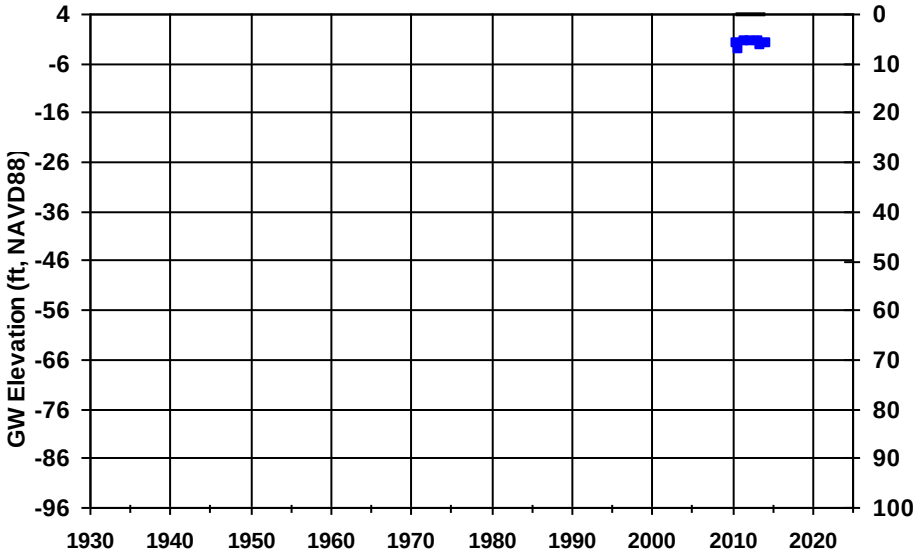
WellID: MW 99-11
Zone: Delta Island
Source: DWR Perf Int (ft): 53-58 RPE (ft): 26.87 Well Depth (ft): 60



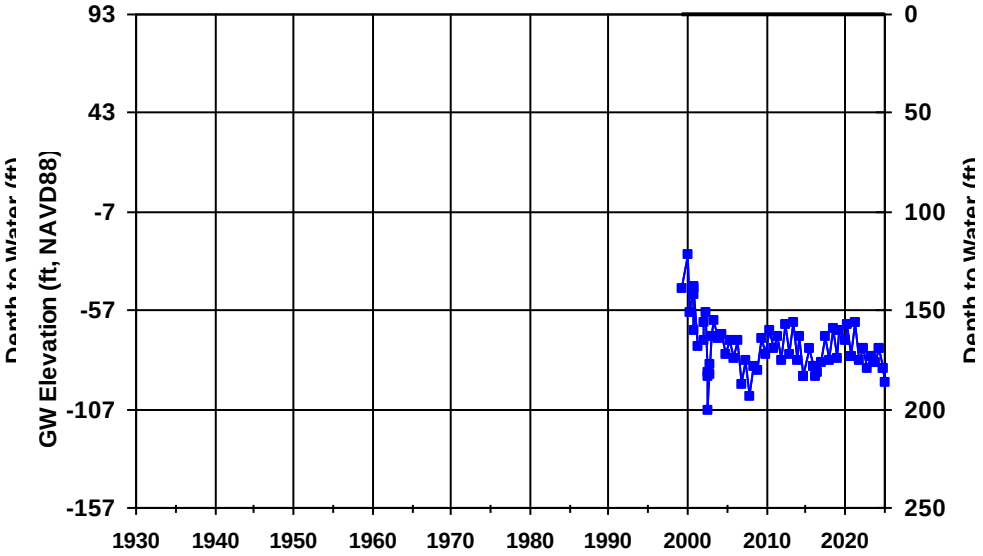
WellID: MW 99-3
Zone: Delta Island
Source: DWR Perf Int (ft): 34-39 RPE (ft): 4.26 Well Depth (ft): 40



WellID: MW 99-4
Zone: Delta Island
Source: DWR Perf Int (ft): 8-13 RPE (ft): 4.16 Well Depth (ft): 15

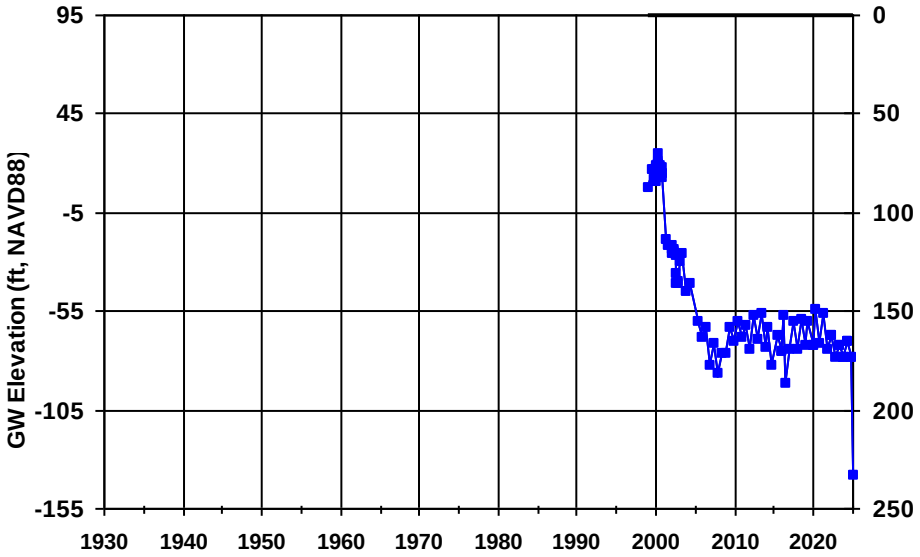


WellID: MW-14
Zone: Basal Tehama
Source: CofV Perf Int (ft): 1100-1650 RPE (ft): 92.98 Well Depth (ft): 1655

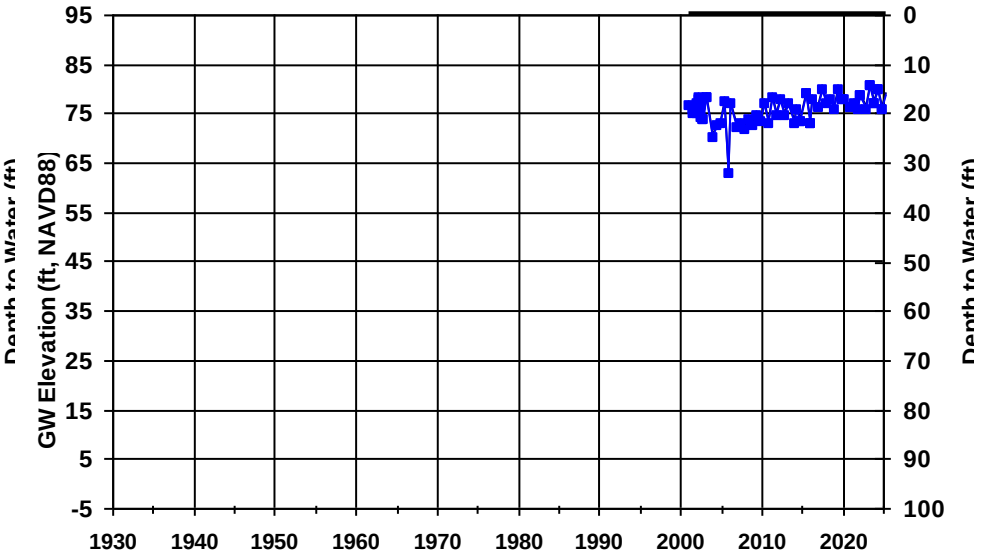


Manual Water Level Measurement
* Multiple Screens

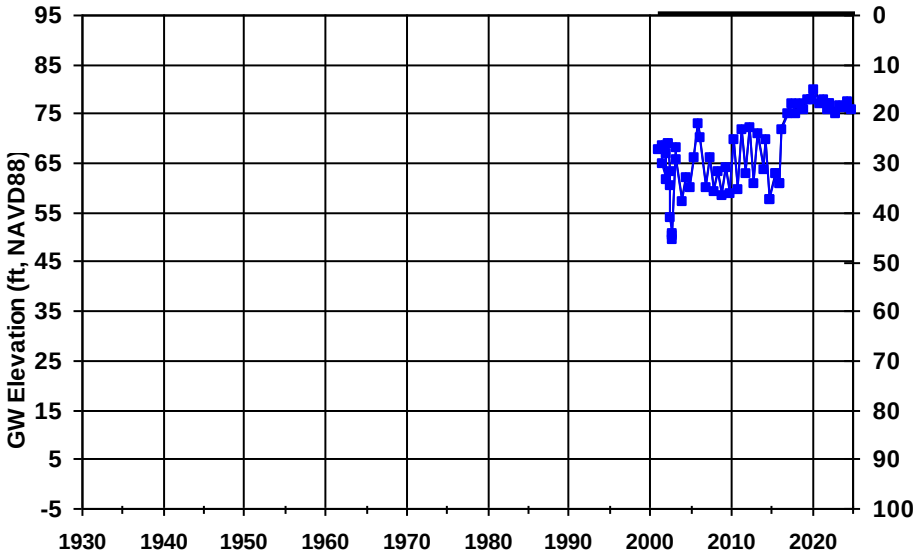
WellID: MW-15-1815ft
Zone: Basal Tehama
Source: CofV Perf Int (ft): 1207-1785* RPE (ft): 94.97 Well Depth (ft): 1815



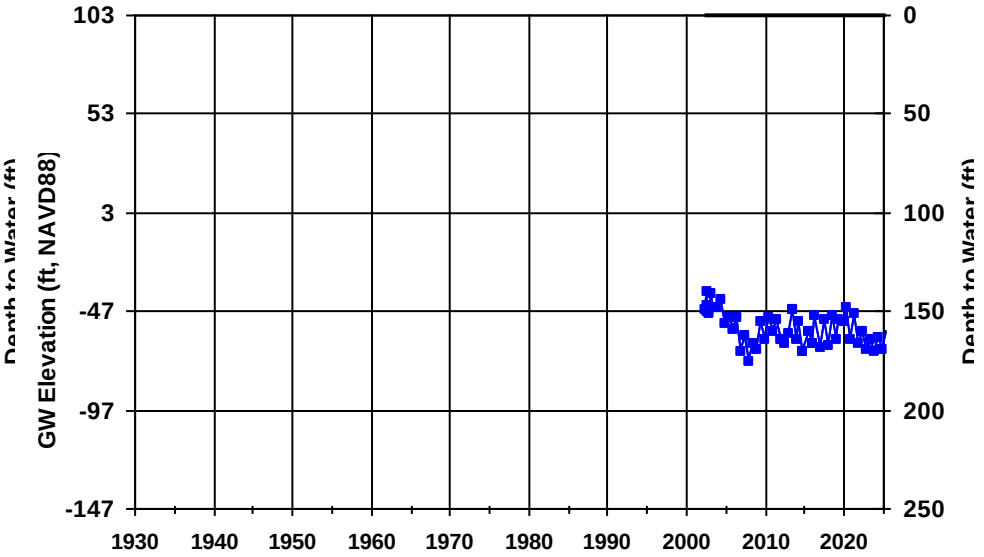
WellID: MW-15-188ft
Zone: Quaternary Alluvium (primary) & Upper Tehama
Source: CofV Perf Int (ft): 158-178 RPE (ft): 95.4 Well Depth (ft): 188



WellID: MW-15-508ft
Zone: Upper Tehama
Source: CofV Perf Int (ft): 438-498 RPE (ft): 95.39 Well Depth (ft): 508



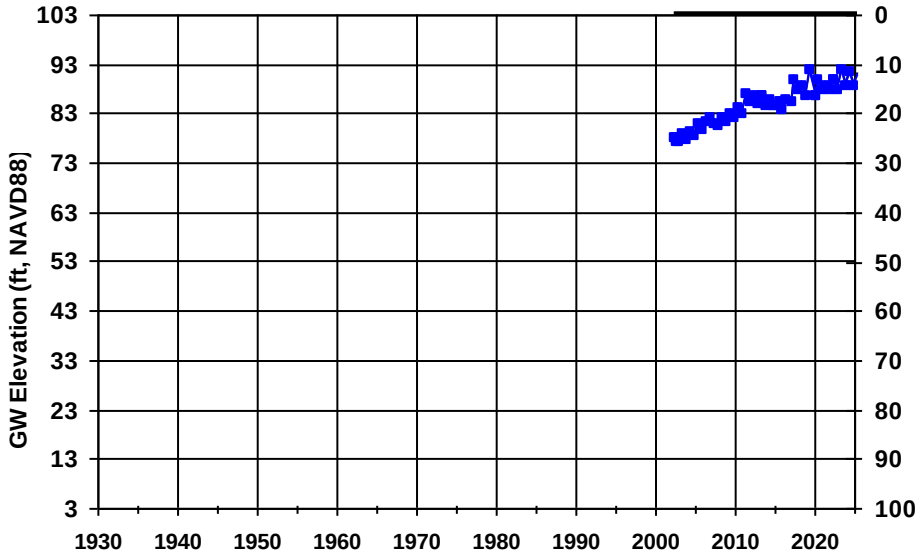
WellID: MW-16-1166ft
Zone: Basal Tehama
Source: CofV Perf Int (ft): 1136-1162 RPE (ft): 103.33 Well Depth (ft): 1166



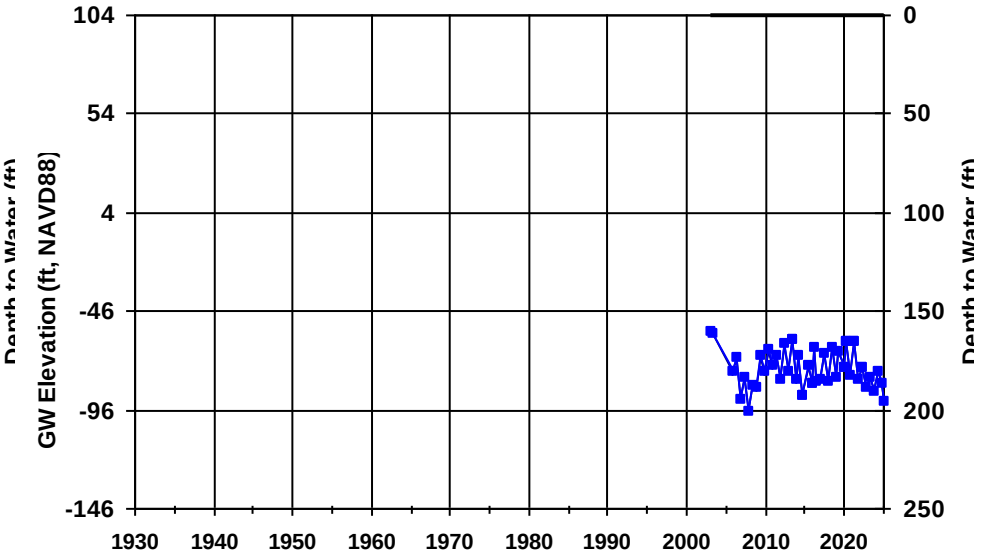
Manual Water Level Measurement

* Multiple Screens

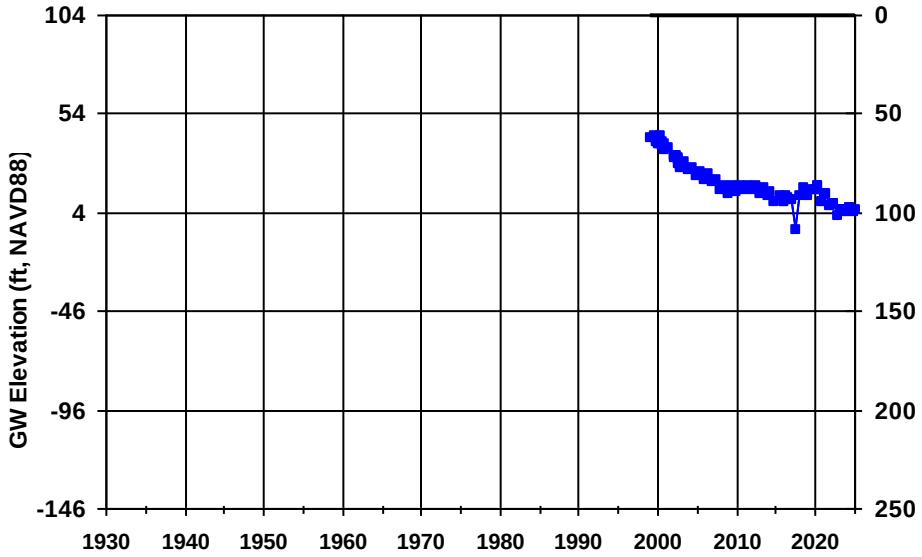
WellID: MW-16-117ft
Zone: Upper Tehama
Source: CofV Perf Int (ft): 97-107 RPE (ft): 103.3 Well Depth (ft): 117



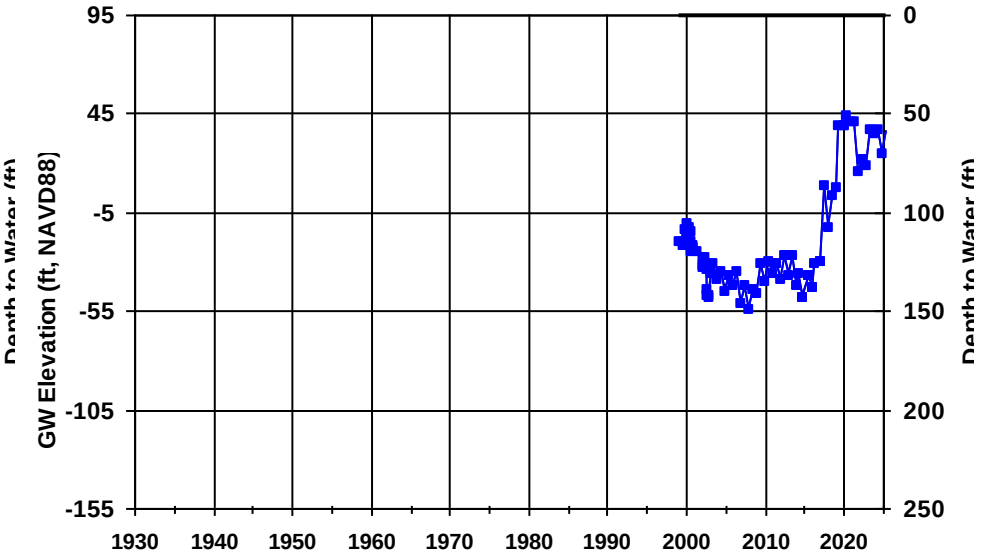
WellID: MW-16-1430ft
Zone: Basal Tehama
Source: CofV Perf Int (ft): 1264-1374 RPE (ft): 103.52 Well Depth (ft): 1430



WellID: MW-98A
Zone: Basal Tehama
Source: CofV Perf Int (ft): 1727-1830* RPE (ft): 104.02 Well Depth (ft): 1850



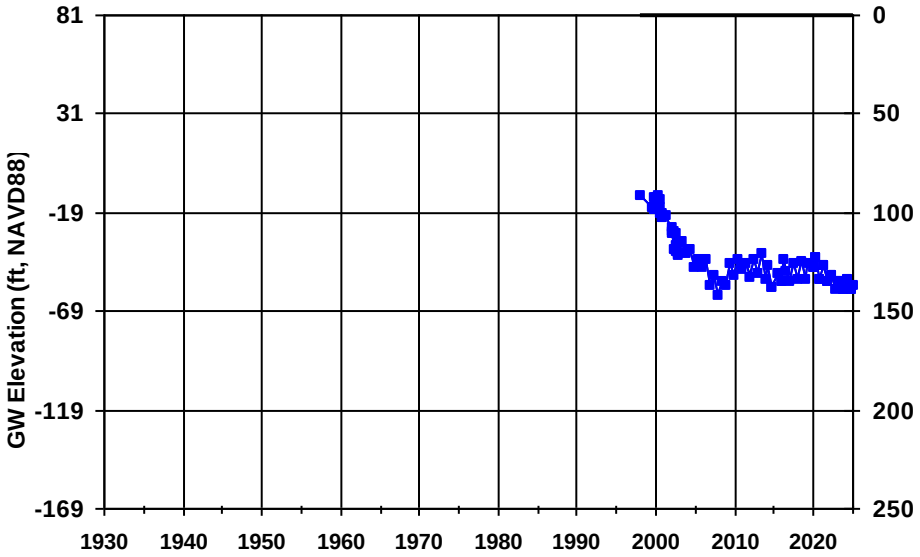
WellID: MW-98B
Zone: Basal Tehama
Source: CofV Perf Int (ft): 1559-1798* RPE (ft): 95.28 Well Depth (ft): 1819



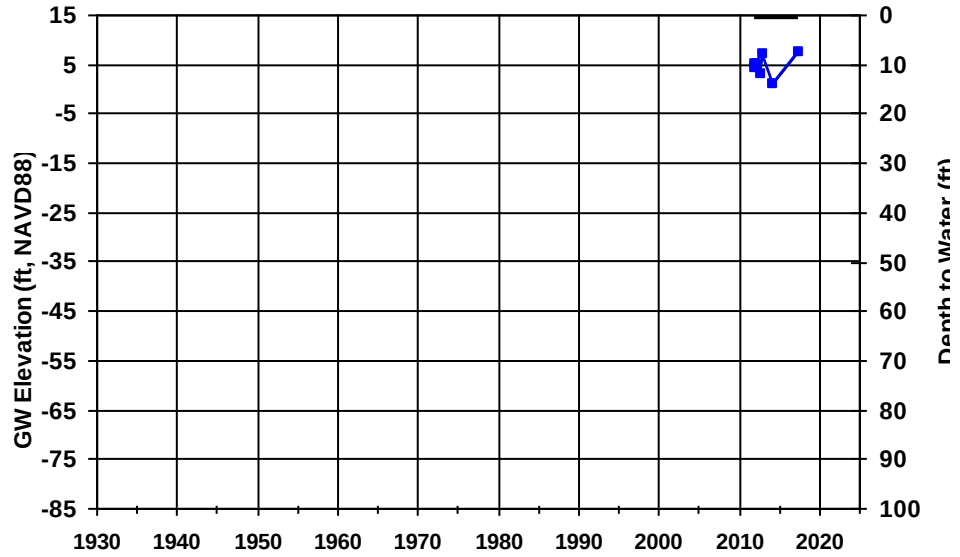
Manual Water Level Measurement

* Multiple Screens

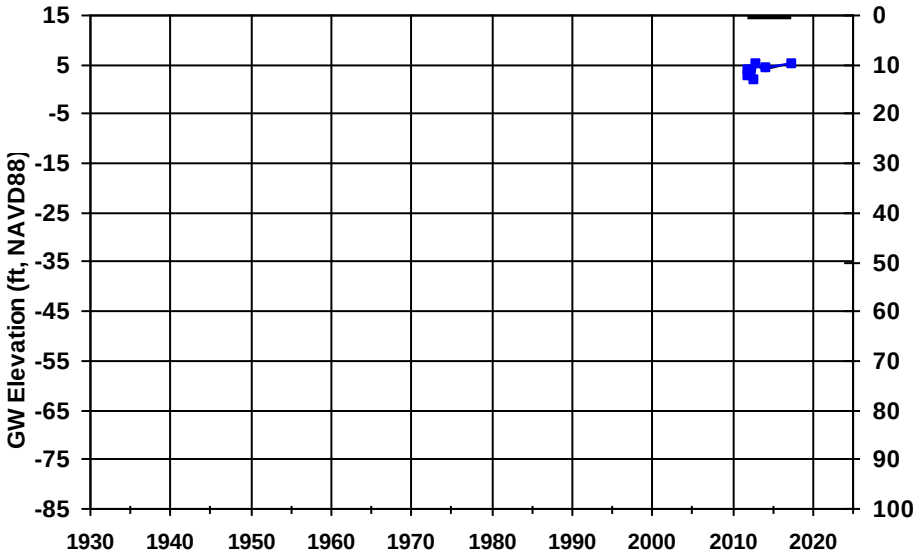
WellID: MW-98C
Zone: Basal Tehama
Source: CofV Perf Int (ft): 2152-2305* RPE (ft): 81.07 Well Depth (ft): 2326



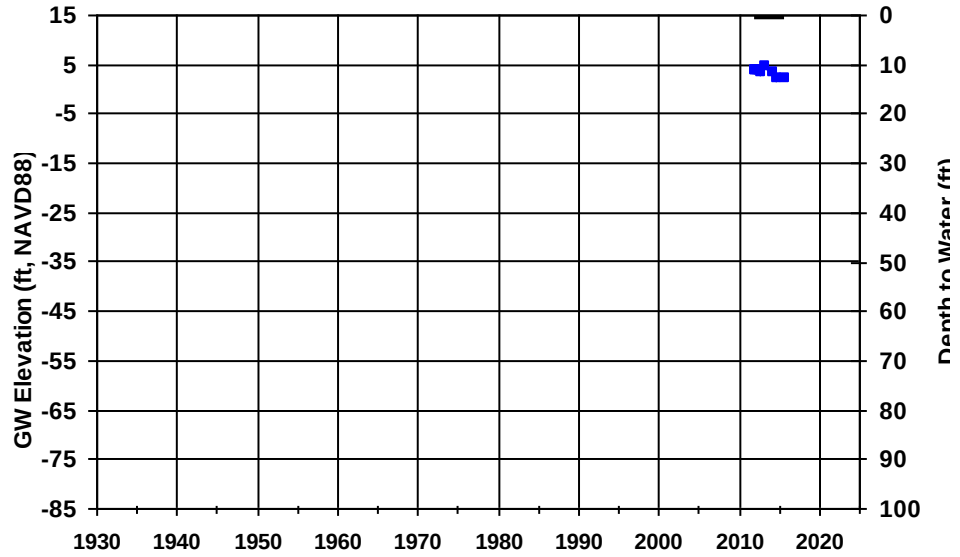
WellID: PI-10A
Zone: Delta Island
Source: DWR Perf Int (ft): 17-27 RPE (ft): 14.75 Well Depth (ft): 33



WellID: PI-10B
Zone: Delta Island
Source: DWR Perf Int (ft): 45-55 RPE (ft): 14.76 Well Depth (ft): 60



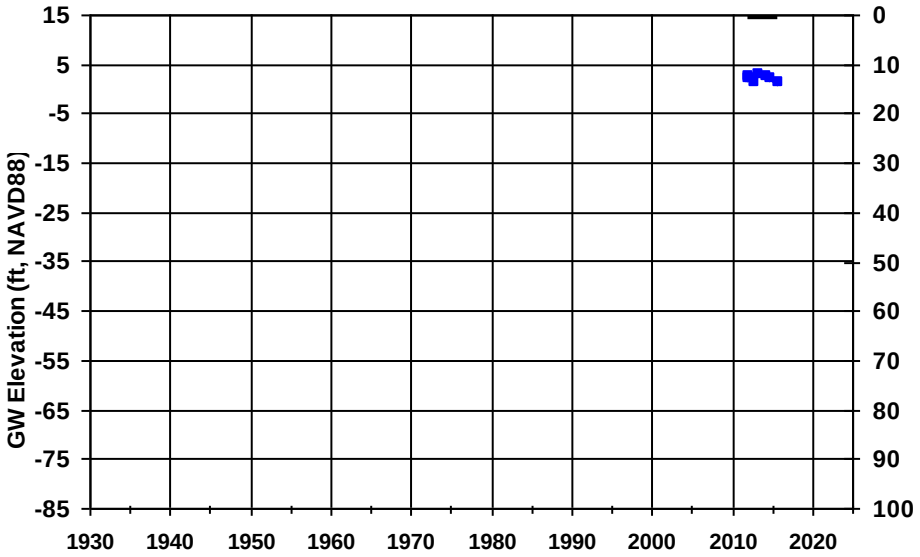
WellID: PI-1A
Zone: Delta Island
Source: DWR Perf Int (ft): 13-23 RPE (ft): 14.69 Well Depth (ft): 28



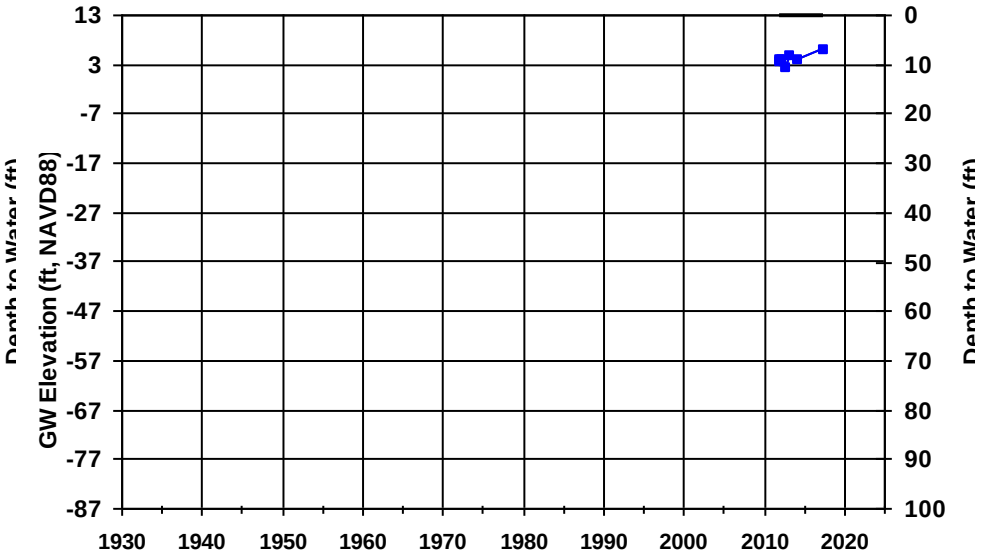
Manual Water Level Measurement

* Multiple Screens

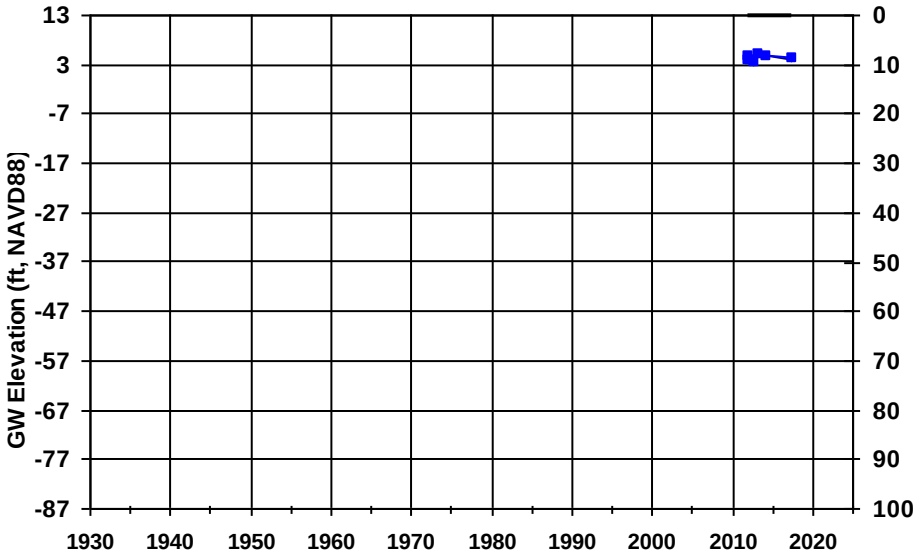
WellID: PI-1B
Zone: Delta Island
Source: DWR Perf Int (ft): 60-70 RPE (ft): 14.68 Well Depth (ft): 76



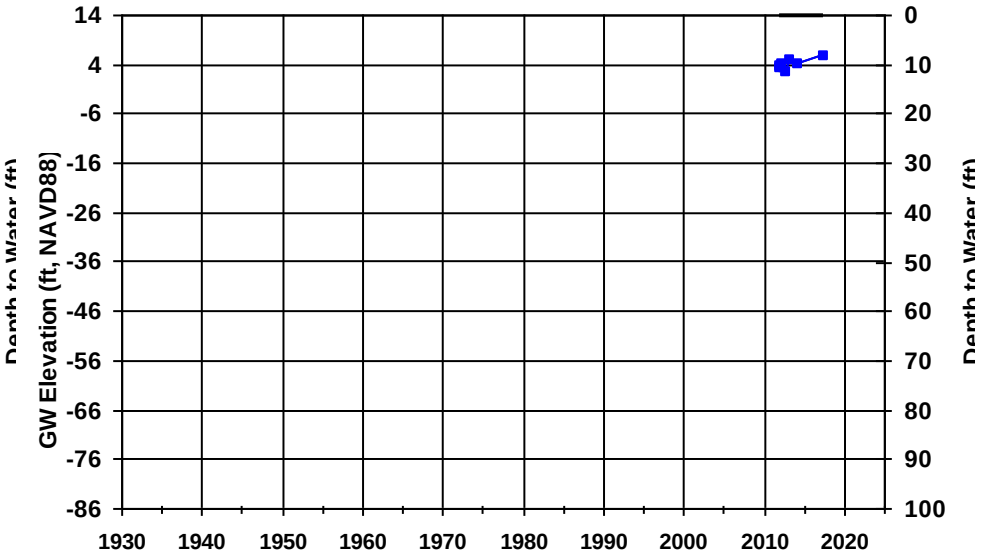
WellID: PI-2A
Zone: Delta Island
Source: DWR Perf Int (ft): 8-18 RPE (ft): 12.87 Well Depth (ft): 23



WellID: PI-2B
Zone: Delta Island
Source: DWR Perf Int (ft): 49-59 RPE (ft): 12.87 Well Depth (ft): 64

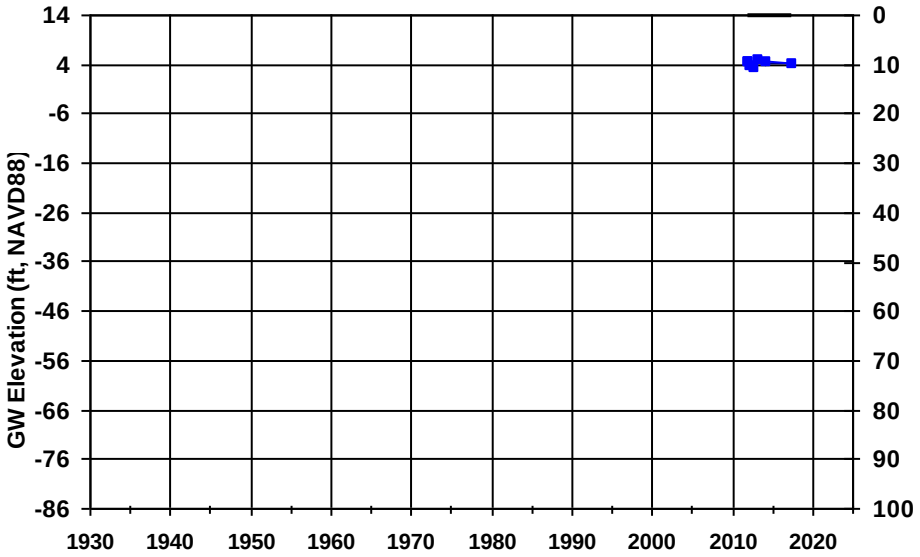


WellID: PI-3A
Zone: Delta Island
Source: DWR Perf Int (ft): 11-21 RPE (ft): 13.96 Well Depth (ft): 27

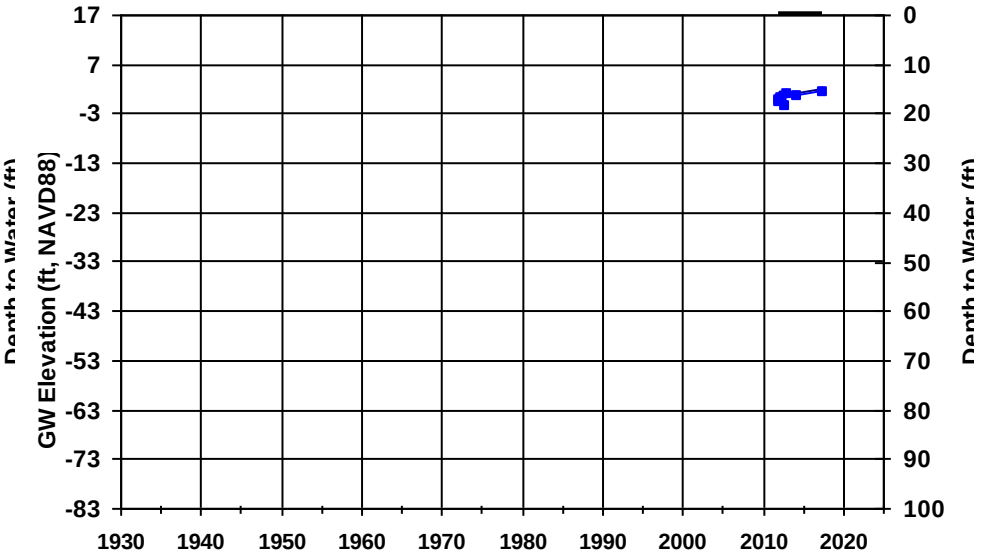


Manual Water Level Measurement
* Multiple Screens

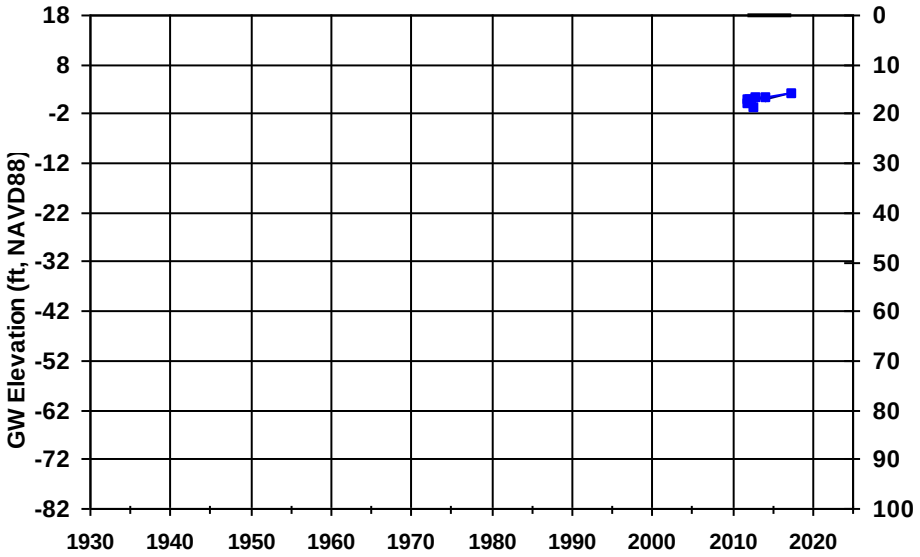
WellID: PI-3B
Zone: Delta Island
Source: DWR Perf Int (ft): 42-52 RPE (ft): 13.93 Well Depth (ft): 57



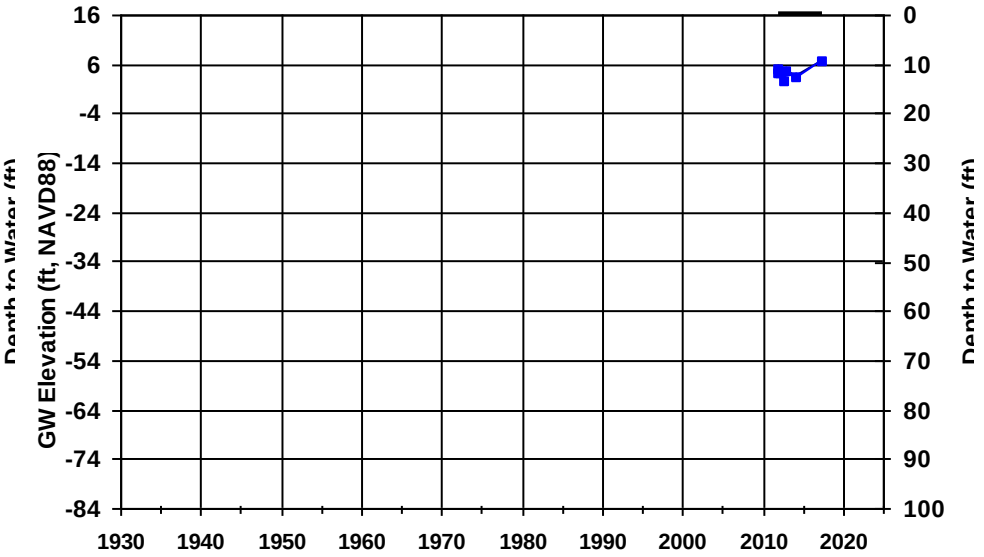
WellID: PI-5A
Zone: Delta Island
Source: DWR Perf Int (ft): 27-37 RPE (ft): 17.48 Well Depth (ft): 43



WellID: PI-5B
Zone: Delta Island
Source: DWR Perf Int (ft): 67-77 RPE (ft): 17.89 Well Depth (ft): 82



WellID: PI-6A
Zone: Delta Island
Source: DWR Perf Int (ft): 16-26 RPE (ft): 16.22 Well Depth (ft): 31

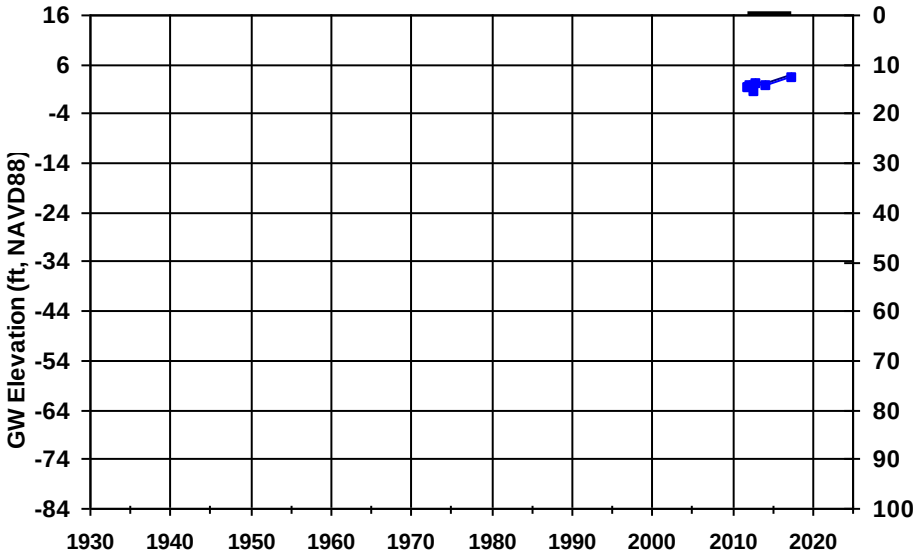


Manual Water Level Measurement
* Multiple Screens

WellID: PI-6B

Zone: Delta Island

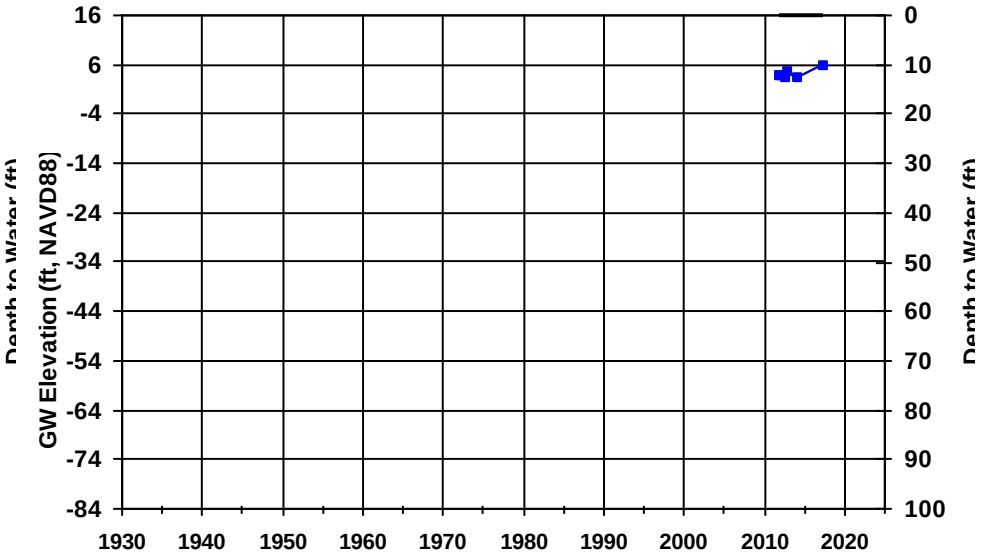
Source: DWR Perf Int (ft): 45-55 RPE (ft): 16.42 Well Depth (ft): 61



WellID: PI-7A

Zone: Delta Island

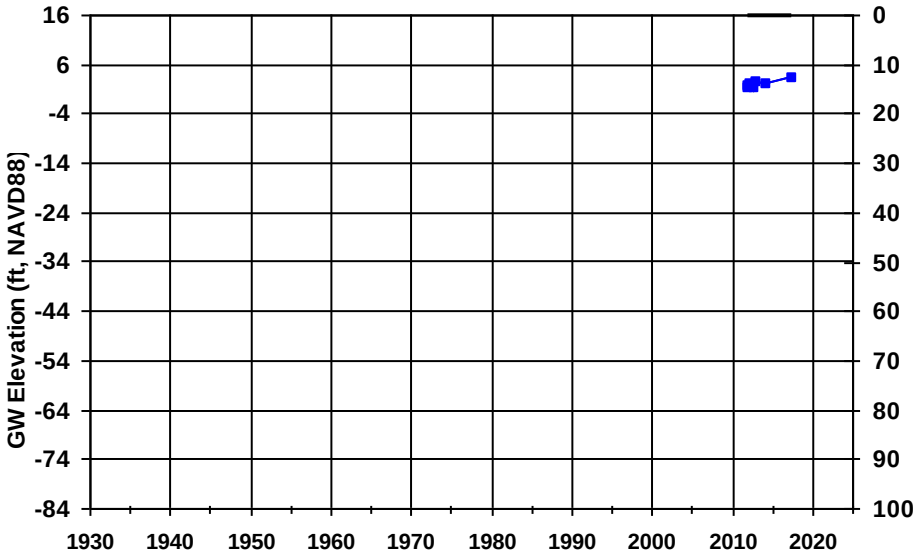
Source: DWR Perf Int (ft): 12-22 RPE (ft): 15.89 Well Depth (ft): 27



WellID: PI-7B

Zone: Delta Island

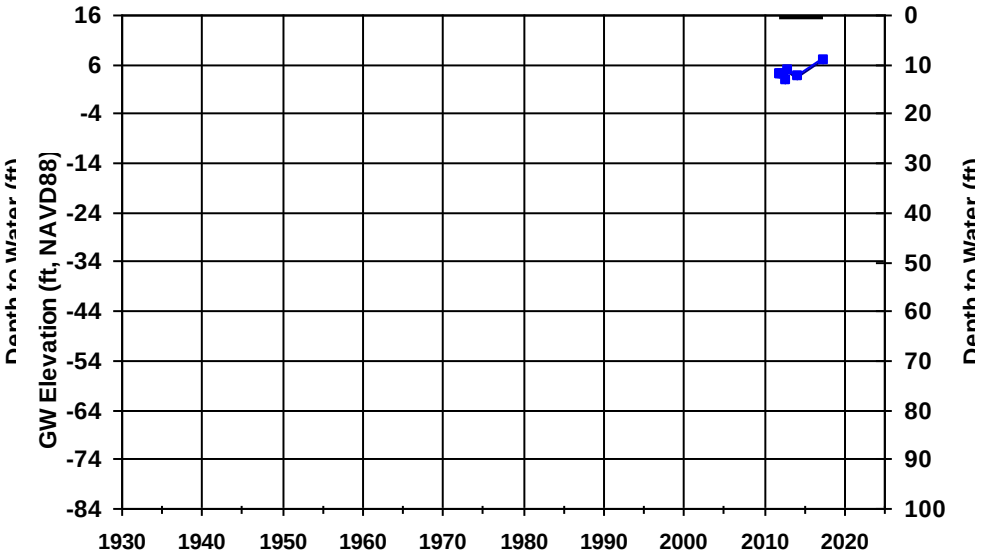
Source: DWR Perf Int (ft): 46-56 RPE (ft): 15.9 Well Depth (ft): 62



WellID: PI-8A

Zone: Delta Island

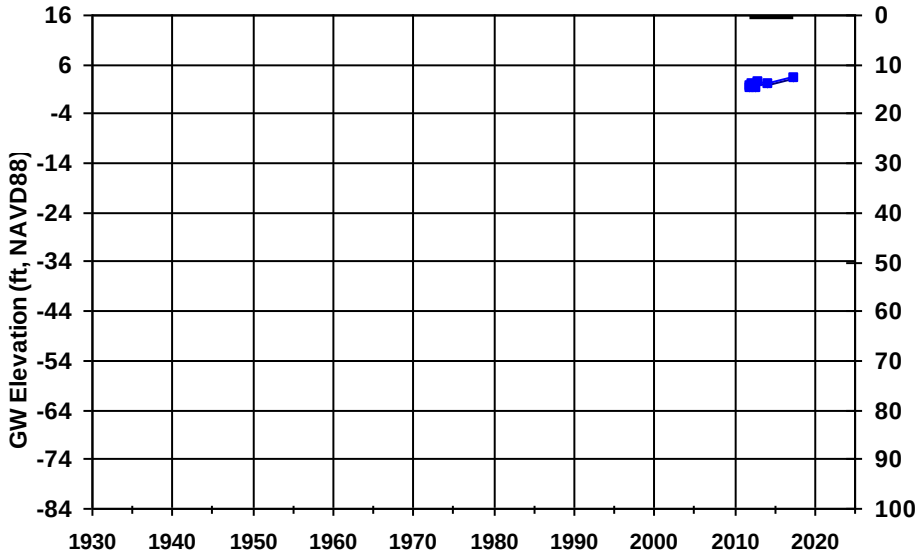
Source: DWR Perf Int (ft): 11-21 RPE (ft): 15.6 Well Depth (ft): 27



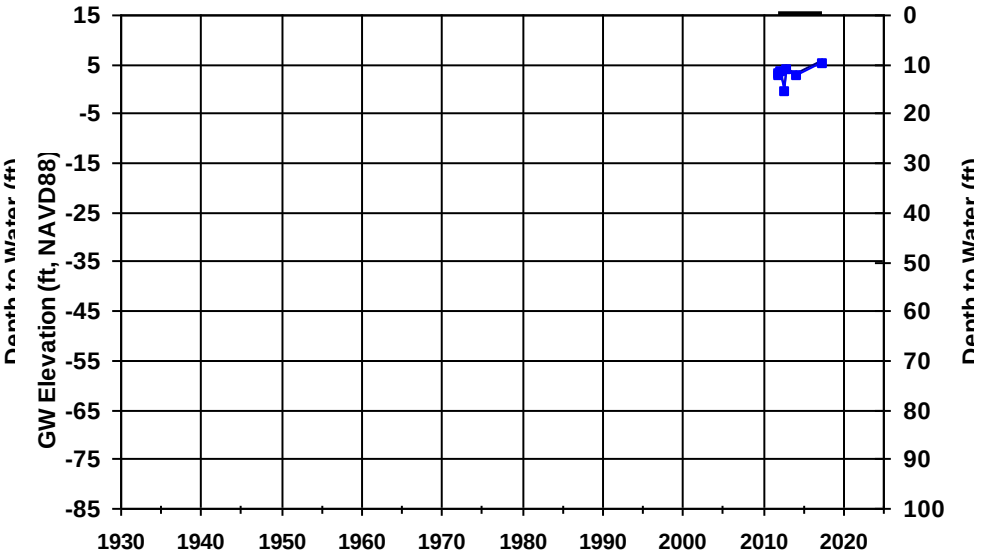
Manual Water Level Measurement

* Multiple Screens

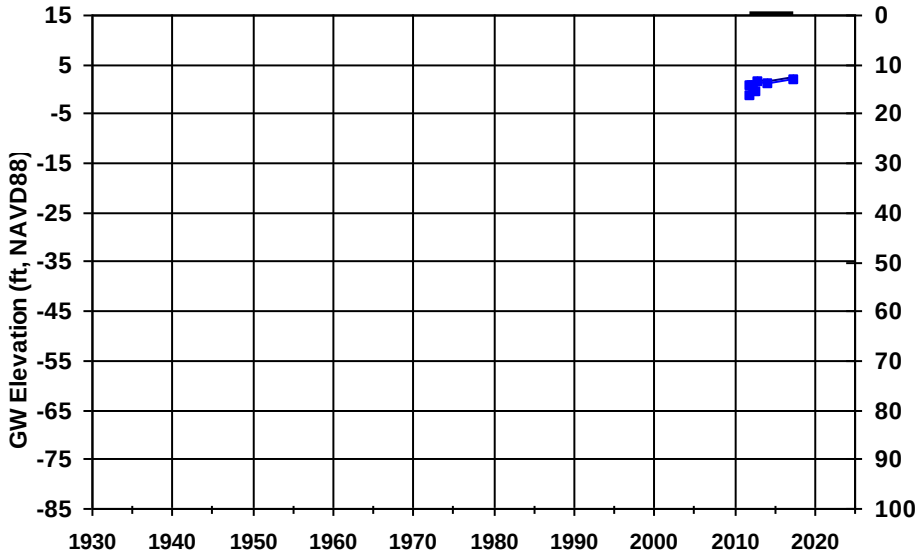
WellID: PI-8B
Zone: Delta Island
Source: DWR Perf Int (ft): 46-56 RPE (ft): 15.56 Well Depth (ft): 61



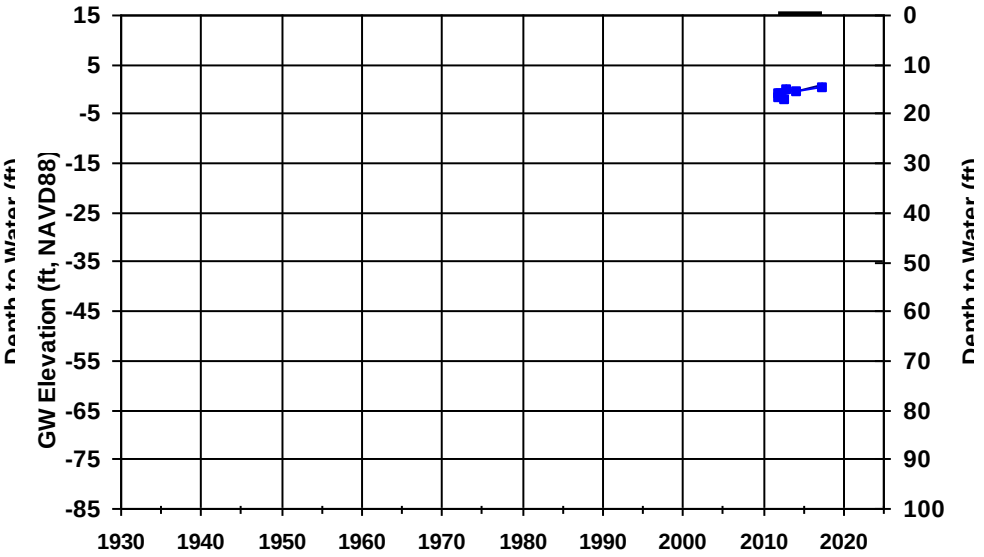
WellID: PI-9A
Zone: Delta Island
Source: DWR Perf Int (ft): 10-20 RPE (ft): 15.41 Well Depth (ft): 26



WellID: PI-9B
Zone: Delta Island
Source: DWR Perf Int (ft): 45-55 RPE (ft): 15.32 Well Depth (ft): 61



WellID: PI-9C
Zone: Delta Island
Source: DWR Perf Int (ft): 83-93 RPE (ft): 15.26 Well Depth (ft): 98

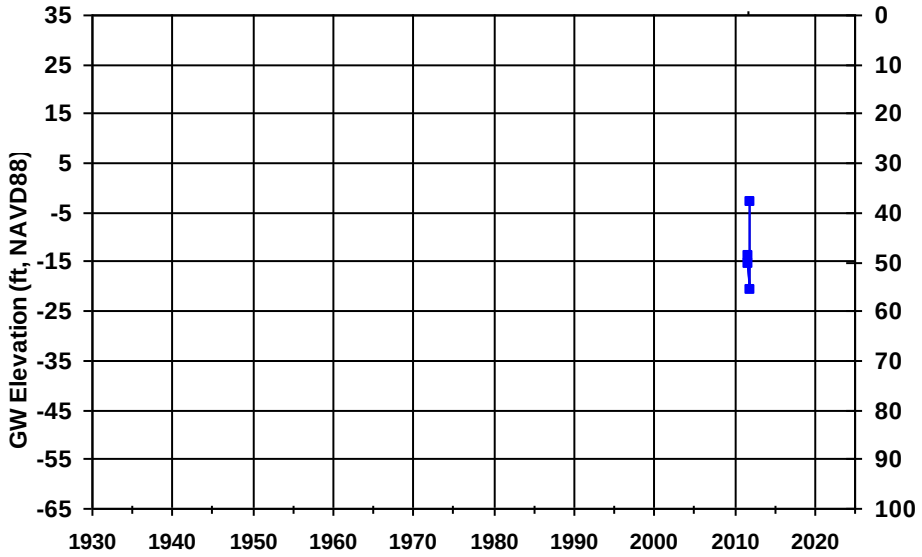


Manual Water Level Measurement
* Multiple Screens

WellID: RD 2068 TP#1

Zone: Unknown

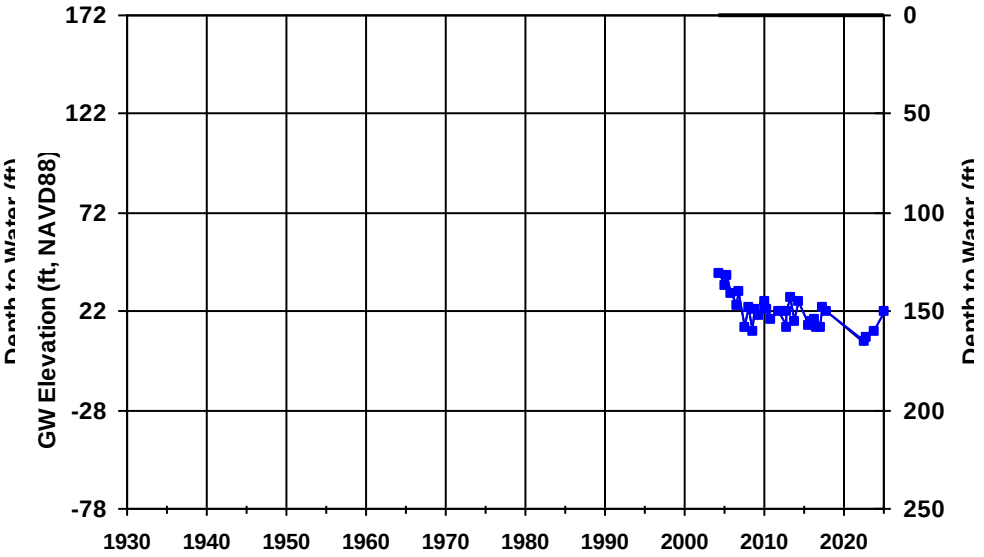
Source: DWR Perf Int (ft): N/A RPE (ft): 35.23 Well Depth (ft): 458



WellID: RNVWD MW-1389ft

Zone: Basal Tehama

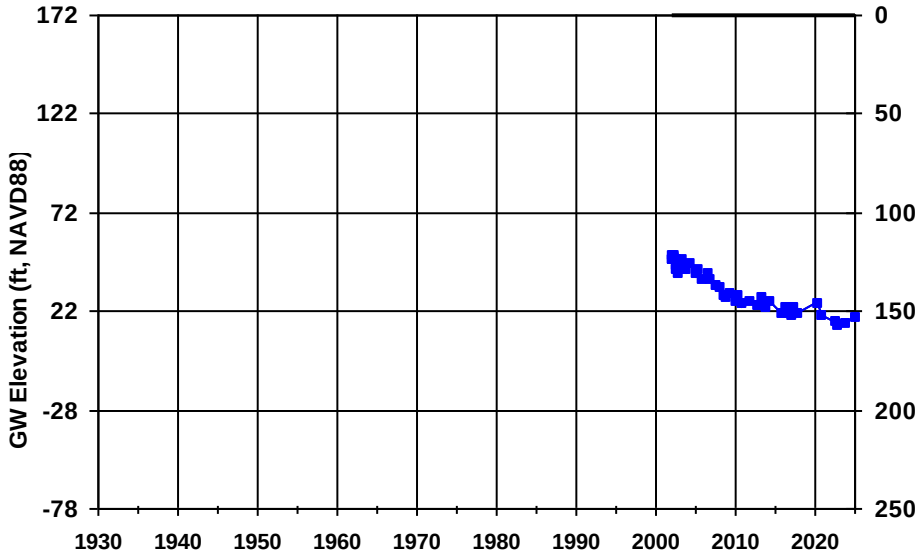
Source: SCWA Perf Int (ft): 1042-1369* RPE (ft): 171.94 Well Depth (ft): 1389



WellID: RNVWD MW-446ft

Zone: Middle Tehama

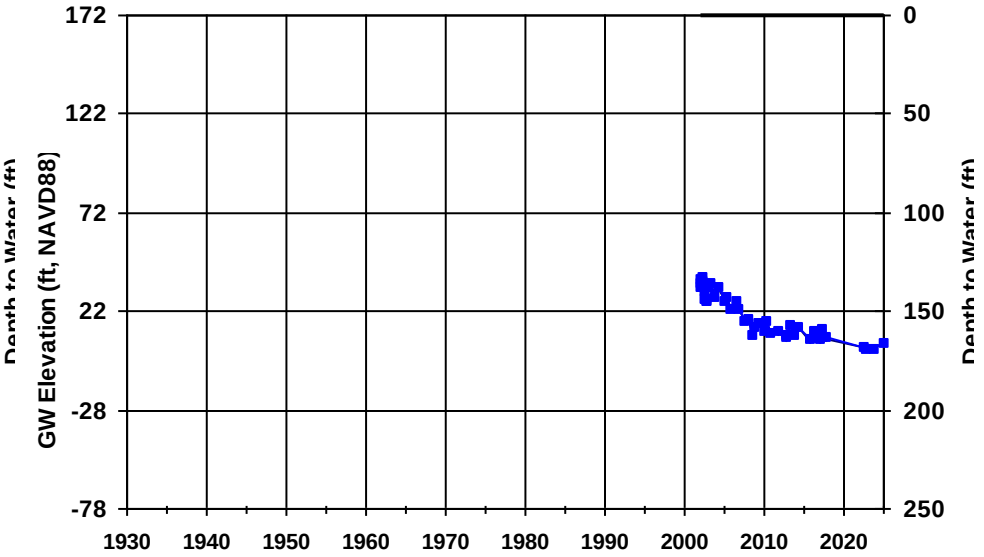
Source: SCWA Perf Int (ft): 426-436 RPE (ft): 171.78 Well Depth (ft): 446



WellID: RNVWD MW-594ft

Zone: Middle Tehama

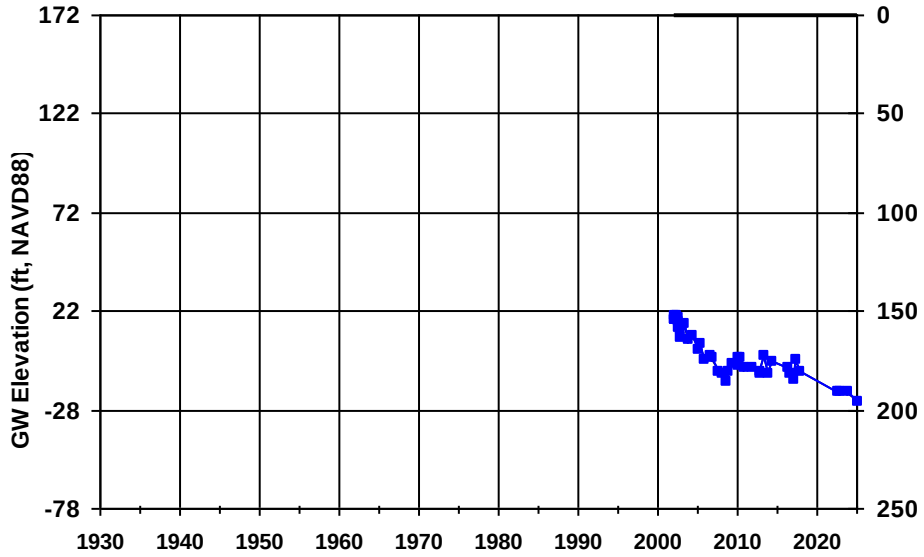
Source: SCWA Perf Int (ft): 564-584 RPE (ft): 171.78 Well Depth (ft): 594



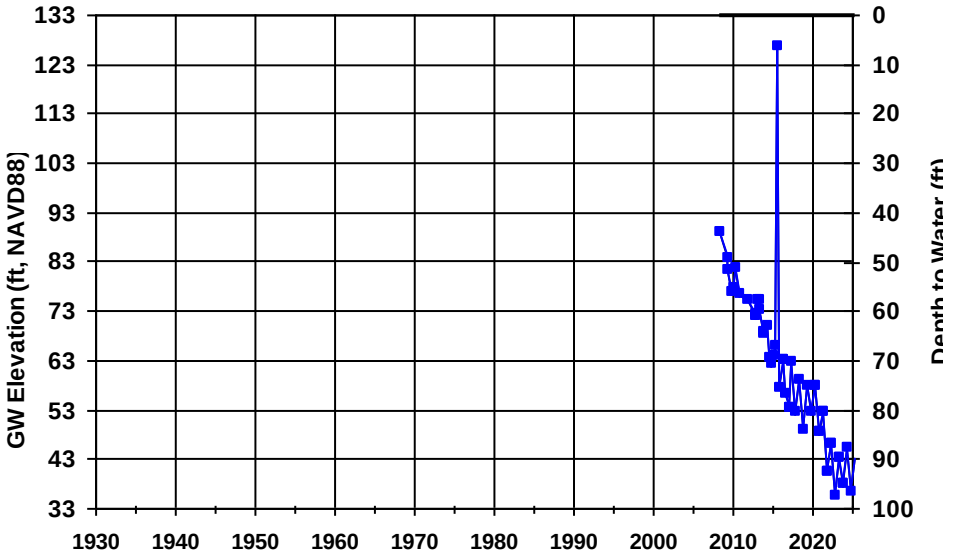
Manual Water Level Measurement

* Multiple Screens

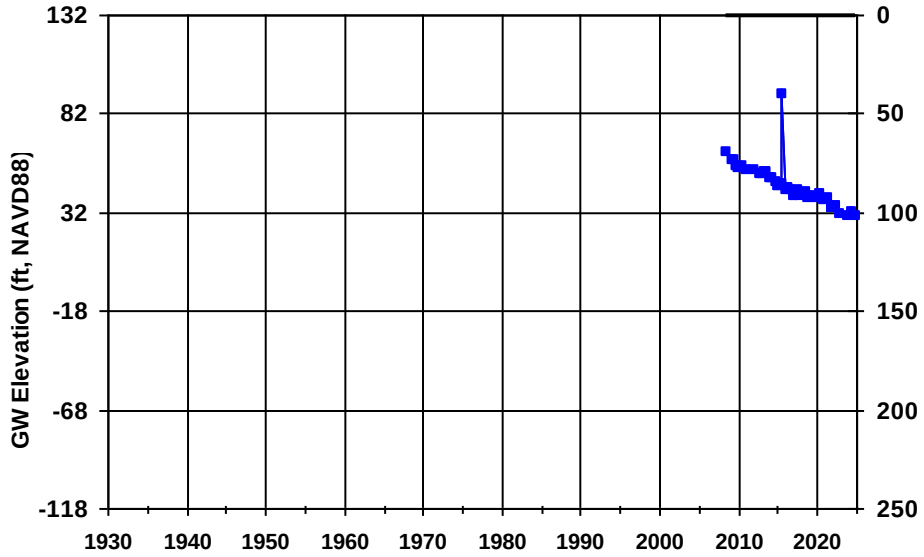
WellID: RNVWD MW-862ft
Zone: Basal Tehama
Source: SCWA Perf Int (ft): 832-852 RPE (ft): 171.78 Well Depth (ft): 862



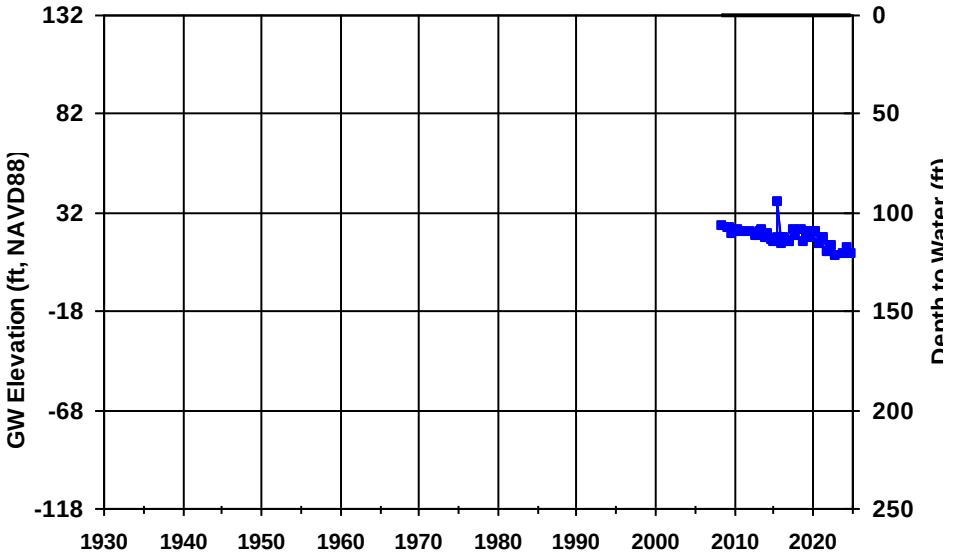
WellID: SCWA-Allendale MW-1235
Zone: Basal Tehama
Source: SCWA Perf Int (ft): 1205-1225 RPE (ft): 132.81 Well Depth (ft): 1235



WellID: SCWA-Allendale MW-1345
Zone: Basal Tehama
Source: SCWA Perf Int (ft): 1315-1335 RPE (ft): 132.31 Well Depth (ft): 1345

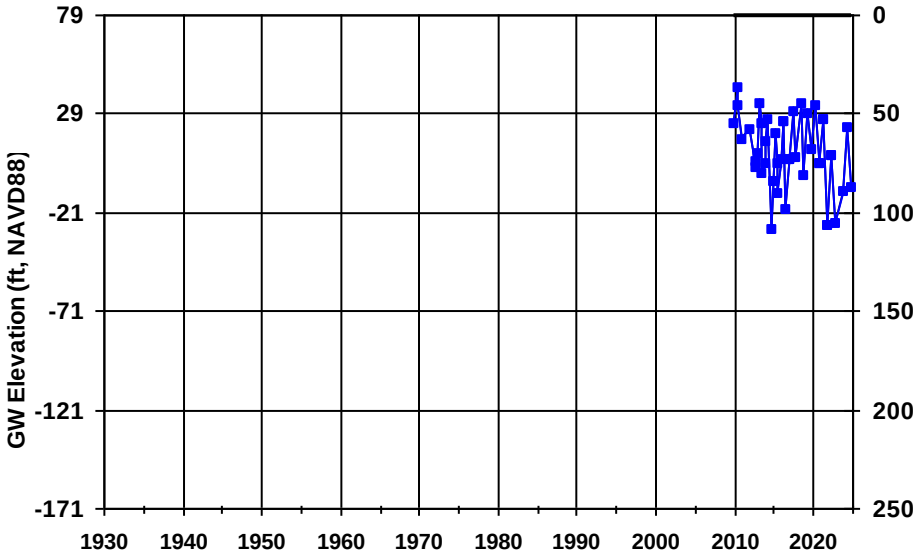


WellID: SCWA-Allendale MW-1925
Zone: Basal Tehama
Source: SCWA Perf Int (ft): 1877-1917 RPE (ft): 131.79 Well Depth (ft): 1925

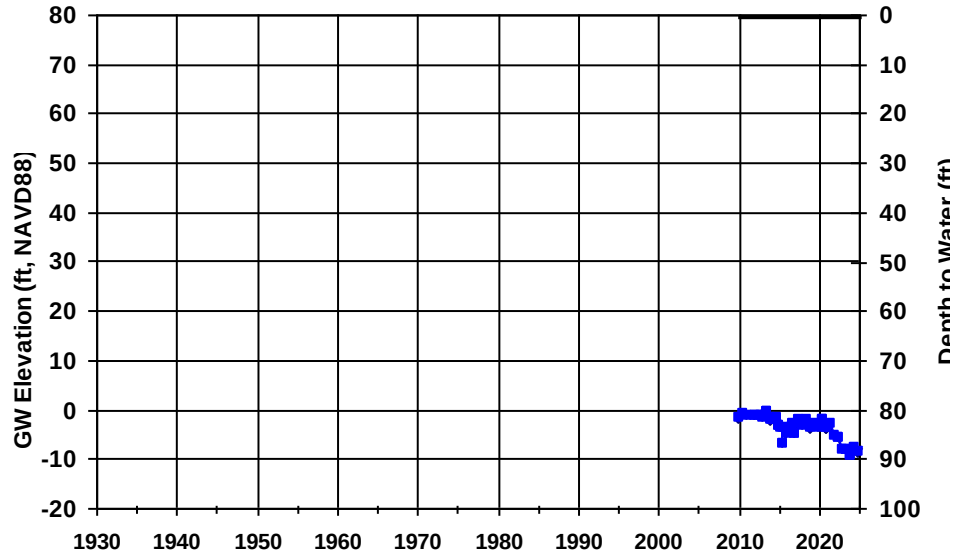


Manual Water Level Measurement
* Multiple Screens

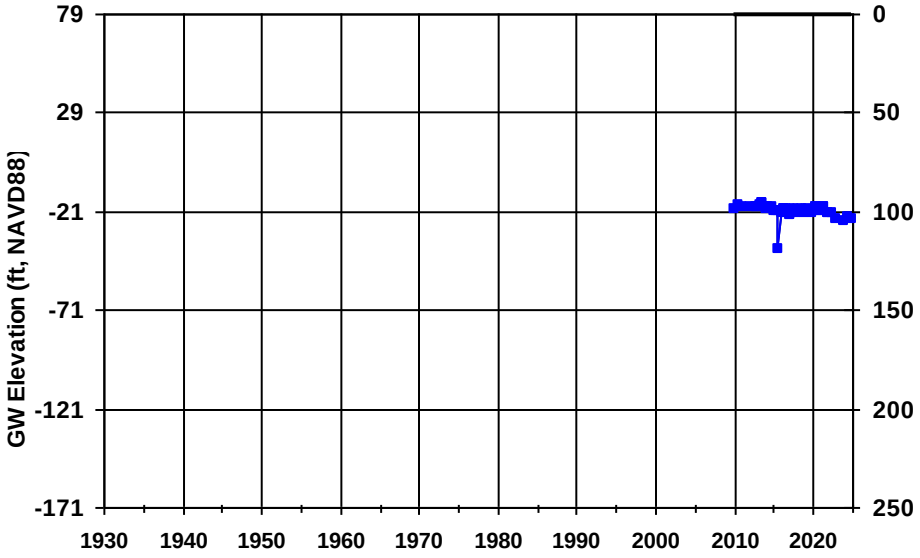
WellID: SCWA-Dixon MW-1200
Zone: Tehama (general)
Source: SCWA Perf Int (ft): 1180-1190 RPE (ft): 79.23 Well Depth (ft): 1200



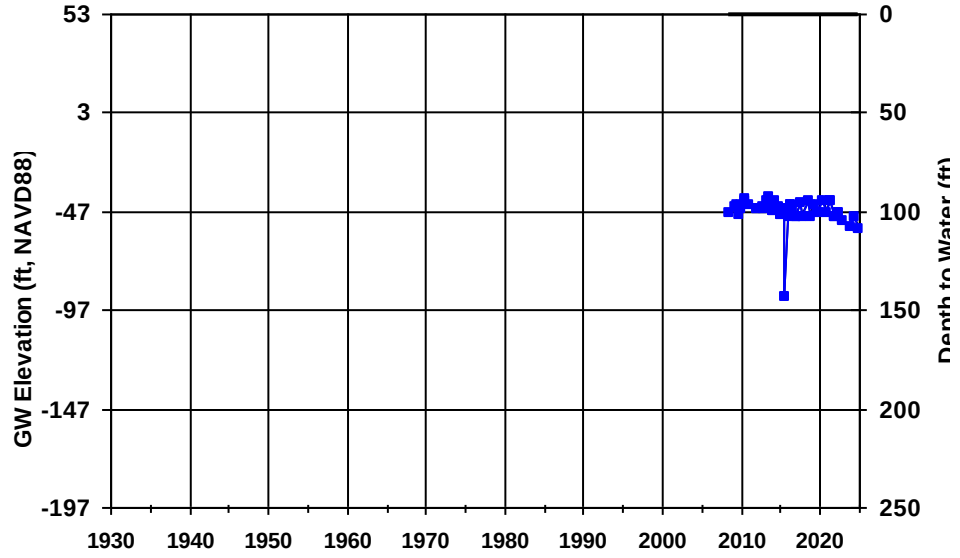
WellID: SCWA-Dixon MW-2212
Zone: Basal Tehama
Source: SCWA Perf Int (ft): 2182-2202 RPE (ft): 79.53 Well Depth (ft): 2212



WellID: SCWA-Dixon MW-2370
Zone: Basal Tehama
Source: SCWA Perf Int (ft): 2340-2360 RPE (ft): 79.23 Well Depth (ft): 2370



WellID: SCWA-MainePrairie MW-1960
Zone: Basal Tehama
Source: SCWA Perf Int (ft): 1930-1950 RPE (ft): 53.35 Well Depth (ft): 1960

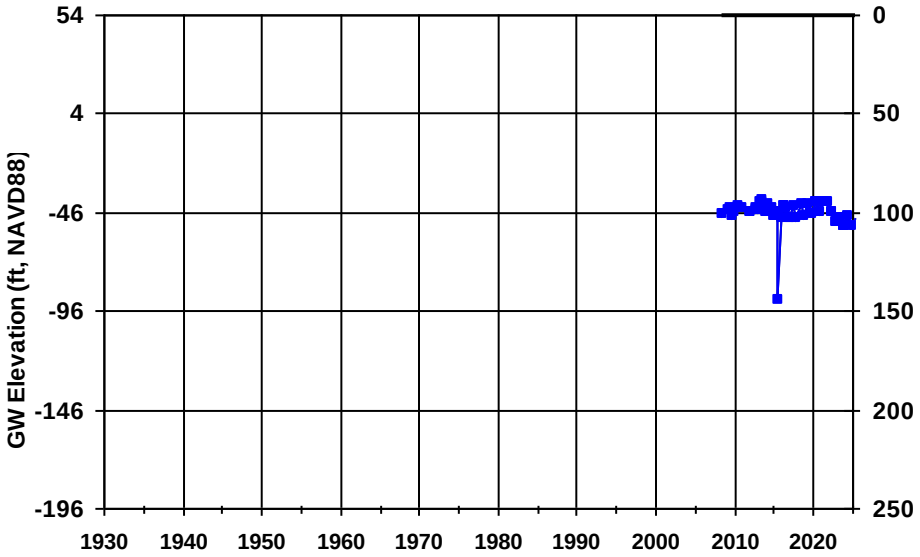


Manual Water Level Measurement
* Multiple Screens

WellID: SCWA-MainePrairie MW-2170

Zone: Basal Tehama

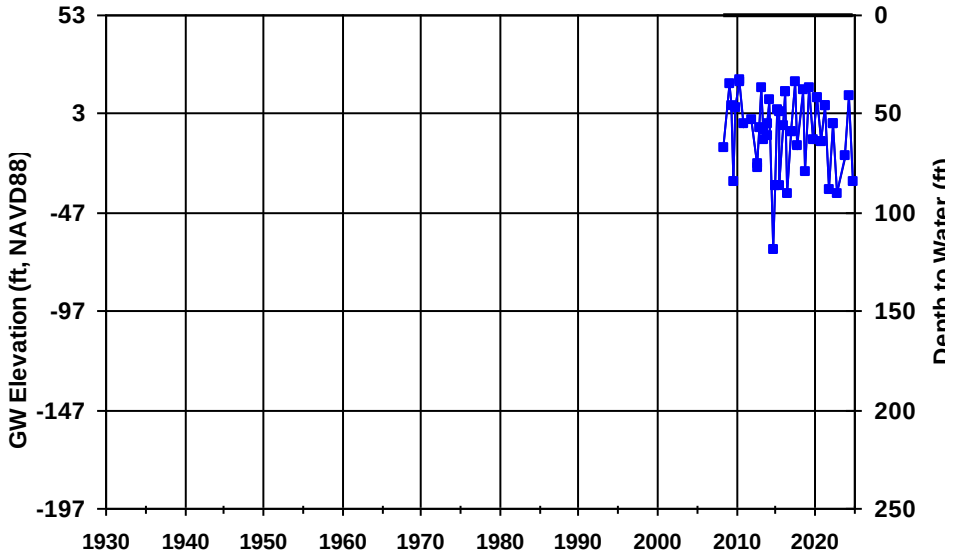
Source: SCWA Perf Int (ft): 2140-2160 RPE (ft): 53.58 Well Depth (ft): 2170



WellID: SCWA-MainePrairie MW-840

Zone: Tehama (general)

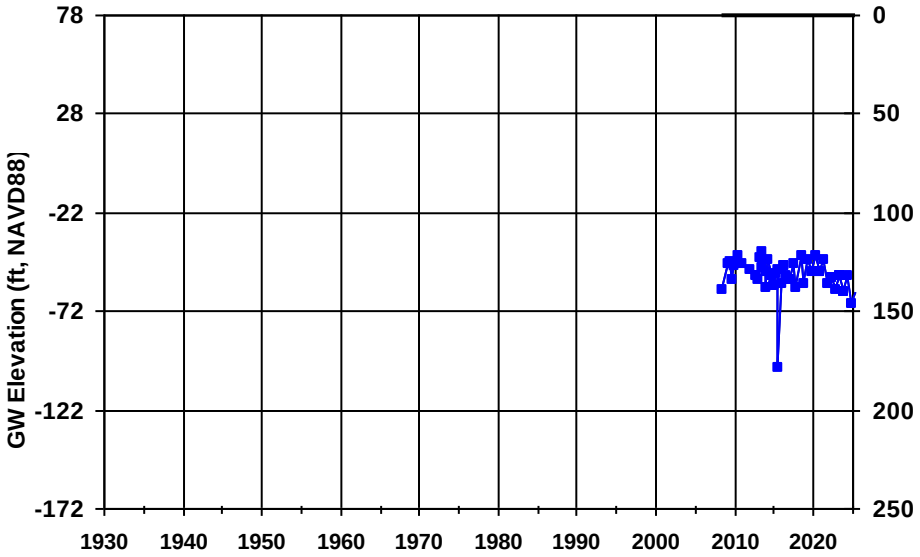
Source: SCWA Perf Int (ft): 811-831 RPE (ft): 52.76 Well Depth (ft): 840



WellID: SCWA-Meridian MW-1680

Zone: Basal Tehama

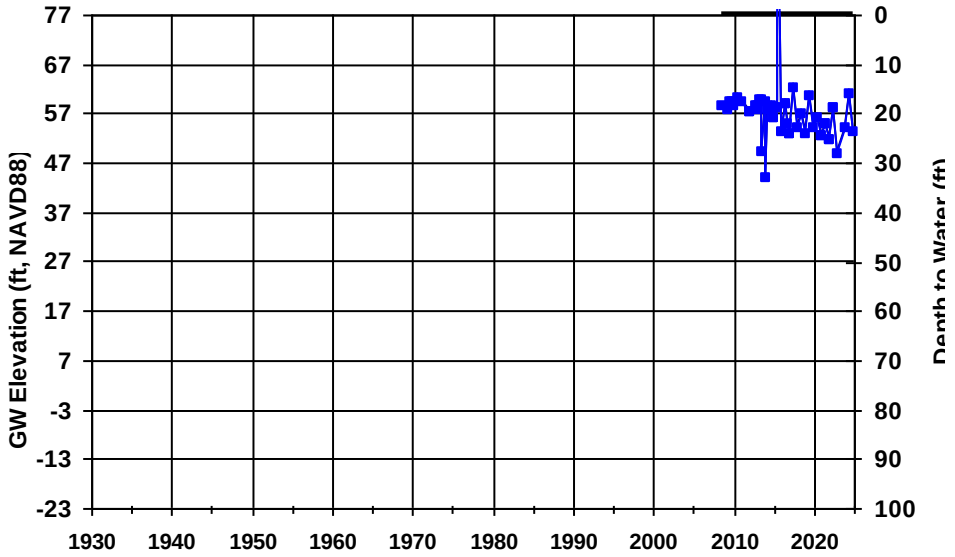
Source: SCWA Perf Int (ft): 1650-1670 RPE (ft): 77.98 Well Depth (ft): 1680



WellID: SCWA-Meridian MW-400

Zone: Tehama (general)

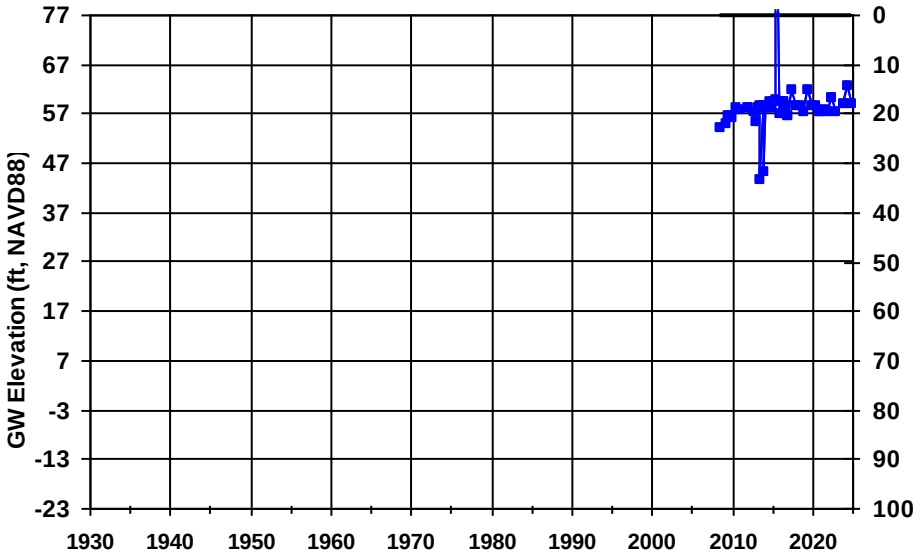
Source: SCWA Perf Int (ft): 360-390* RPE (ft): 77.27 Well Depth (ft): 400



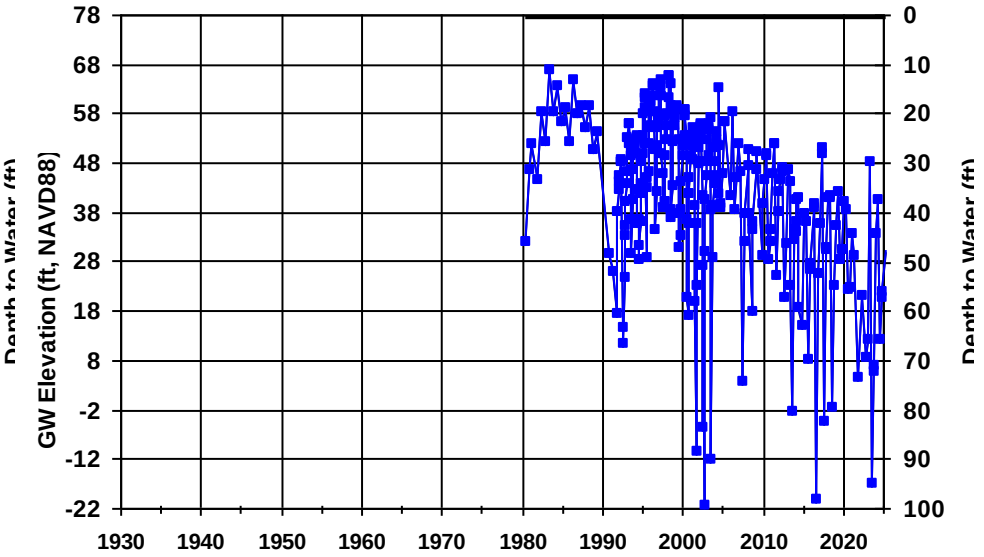
Manual Water Level Measurement

* Multiple Screens

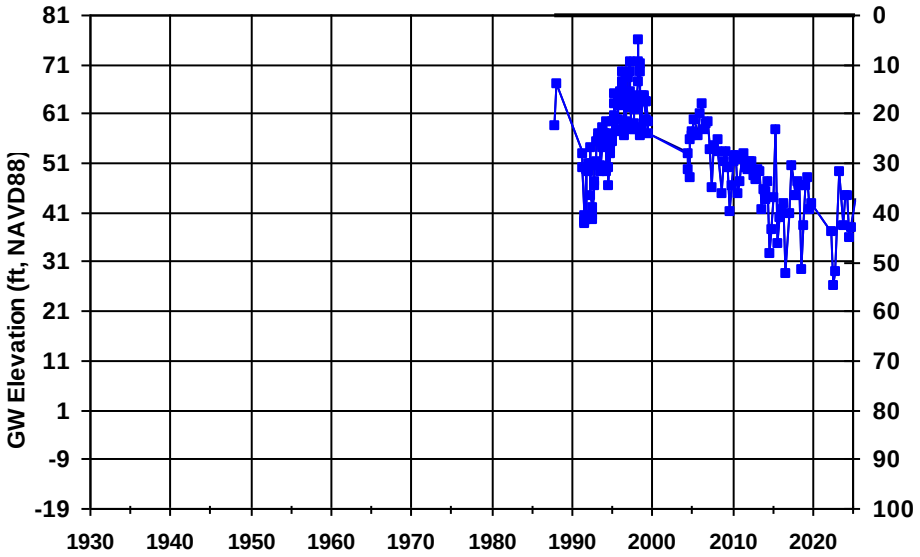
WellID: SCWA-Meridian MW-825
Zone: Tehama (general)
Source: SCWA Perf Int (ft): 794-814 RPE (ft): 77.19 Well Depth (ft): 824



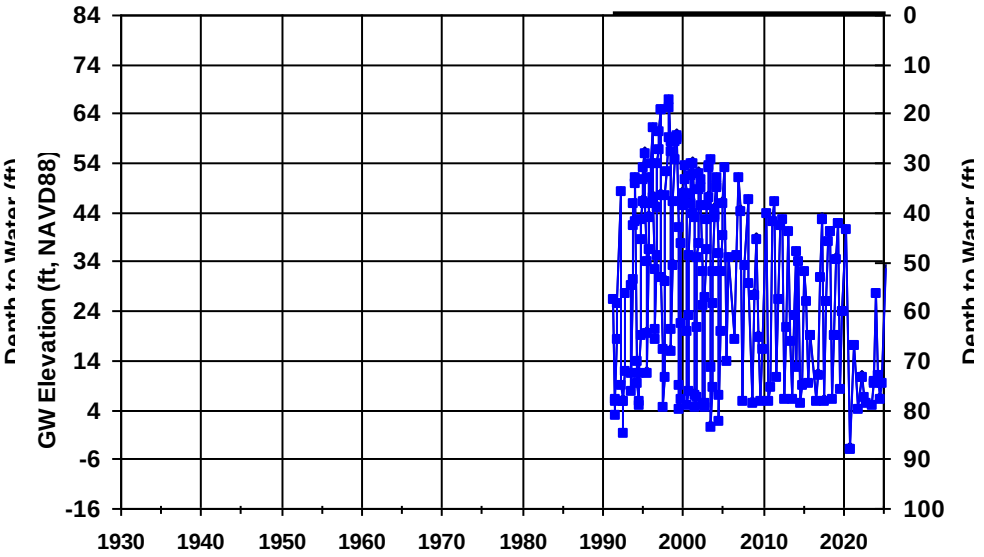
WellID: SID DD-5
Zone: Upper Tehama (possible)
Source: SID Perf Int (ft): 15-270* RPE (ft): 77.6 Well Depth (ft): 395



WellID: SID DW-11
Zone: Upper Tehama (possible)
Source: SID Perf Int (ft): N/A RPE (ft): 81.2 Well Depth (ft): 204



WellID: SID DW-12
Zone: Upper Tehama (possible)
Source: SID Perf Int (ft): N/A RPE (ft): 84.5 Well Depth (ft): 406



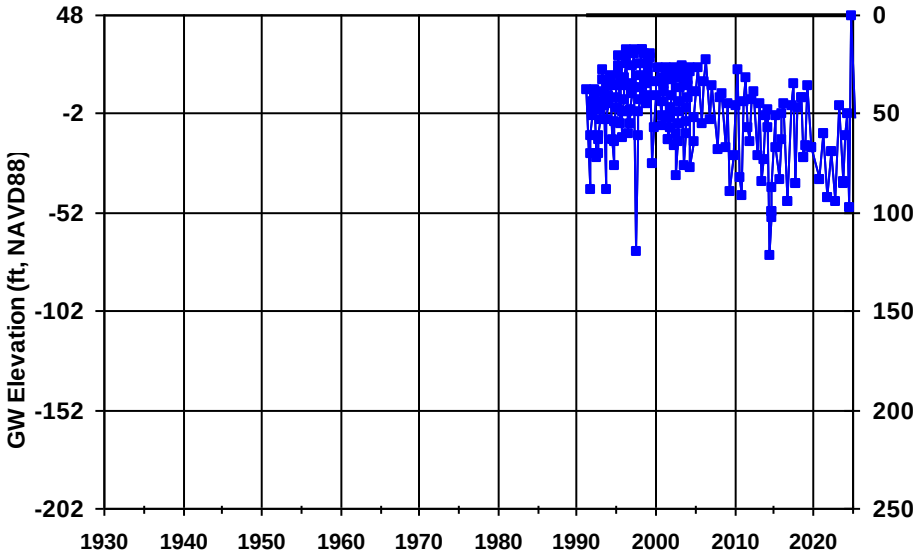
Manual Water Level Measurement

* Multiple Screens

WellID: SID DW-15

Zone: Upper Tehama (possible)

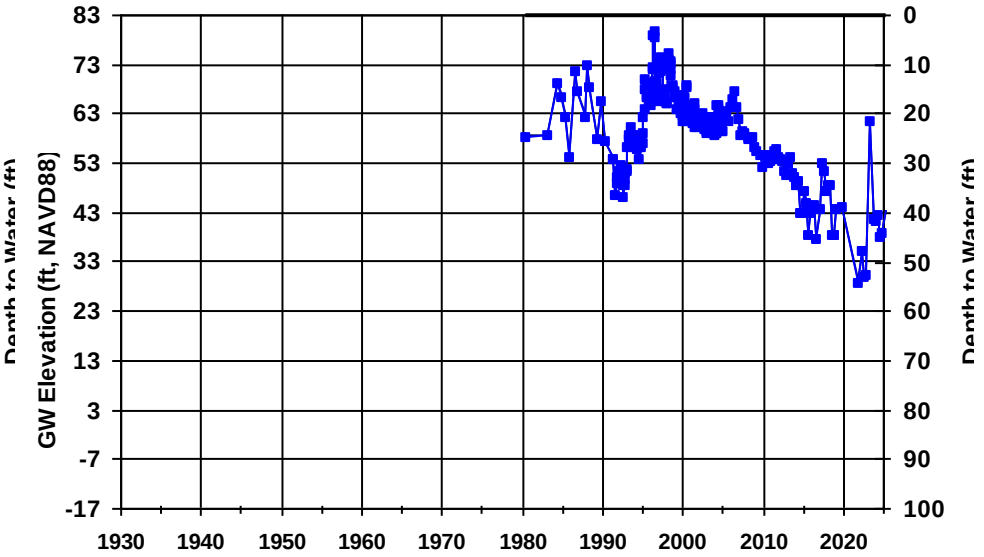
Source: SID Perf Int (ft): 360-725* RPE (ft): 48 Well Depth (ft): 730



WellID: SID DW-21

Zone: Upper Tehama (primary) & Quaternary Alluvium (possible)

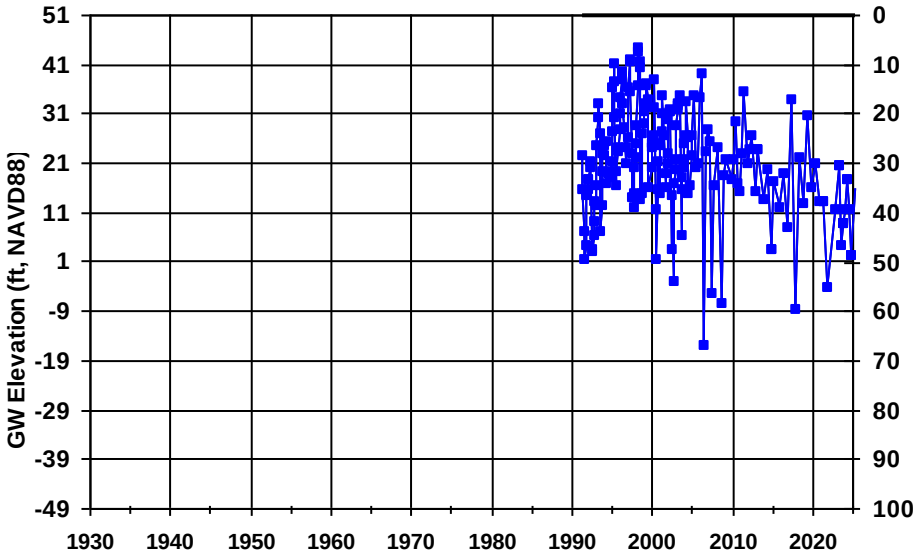
Source: SID Perf Int (ft): 181-216* RPE (ft): 83.1 Well Depth (ft): 216



WellID: SID DW-22

Zone: Upper Tehama (primary) & Quaternary Alluvium (possible)

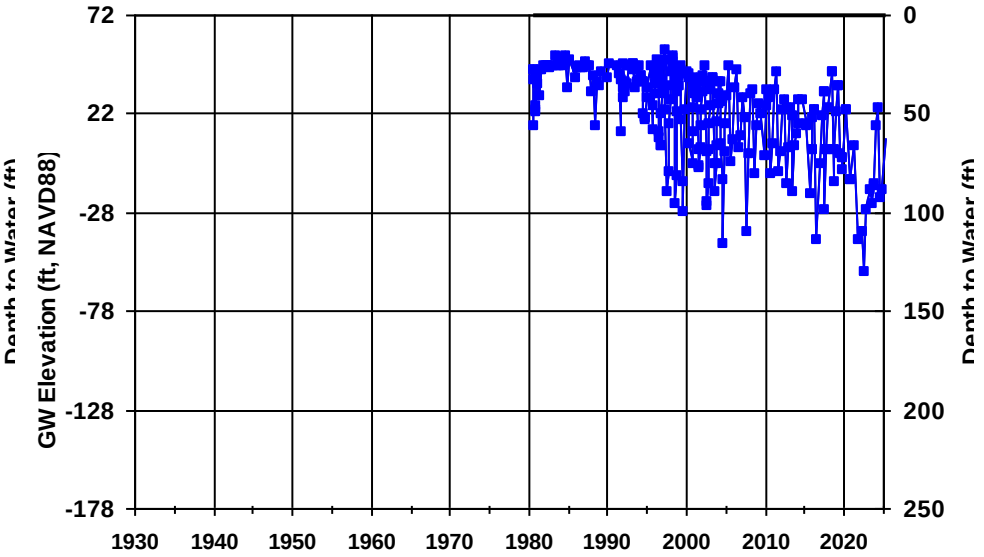
Source: SID Perf Int (ft): 130-305* RPE (ft): 51 Well Depth (ft): 305



WellID: SID DW-27

Zone: Upper Tehama (possible)

Source: SID Perf Int (ft): 280-780* RPE (ft): 72.5 Well Depth (ft): 780



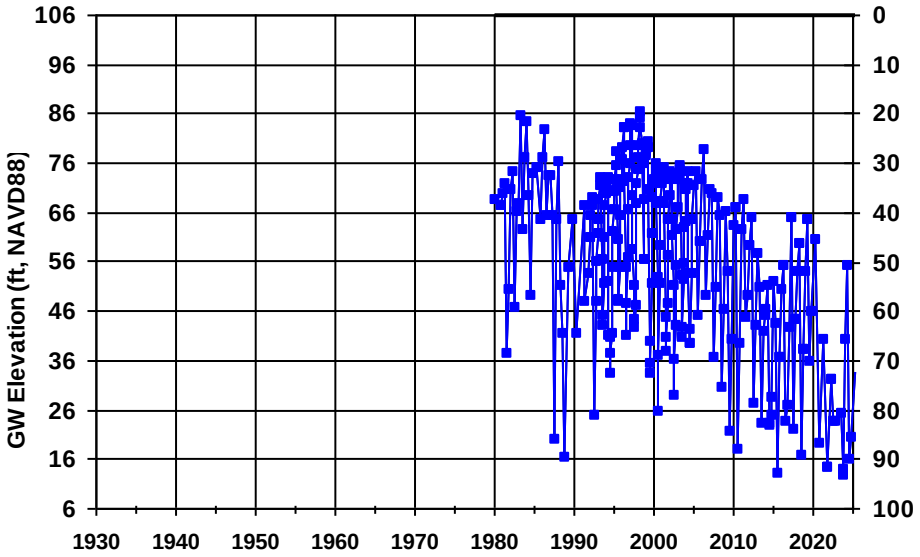
Manual Water Level Measurement

* Multiple Screens

WellID: SID DW-35

Zone: Upper Tehama (possible)

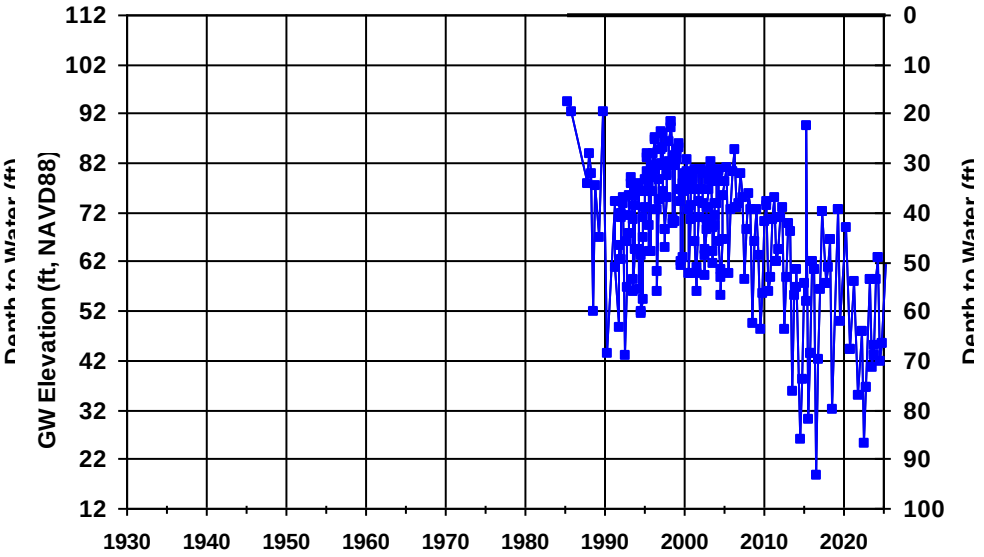
Source: SID Perf Int (ft): 120-600 RPE (ft): 106 Well Depth (ft): 600



WellID: SID DW-36

Zone: Upper Tehama (possible)

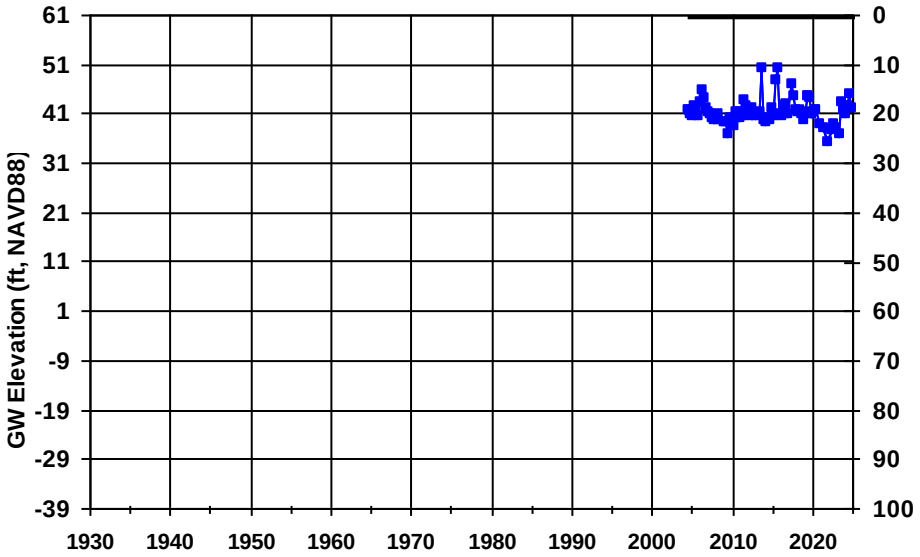
Source: SID Perf Int (ft): 105-600* RPE (ft): 112 Well Depth (ft): 600



WellID: SID DW-38

Zone: Upper Tehama (primary) & Quaternary Alluvium (possible)

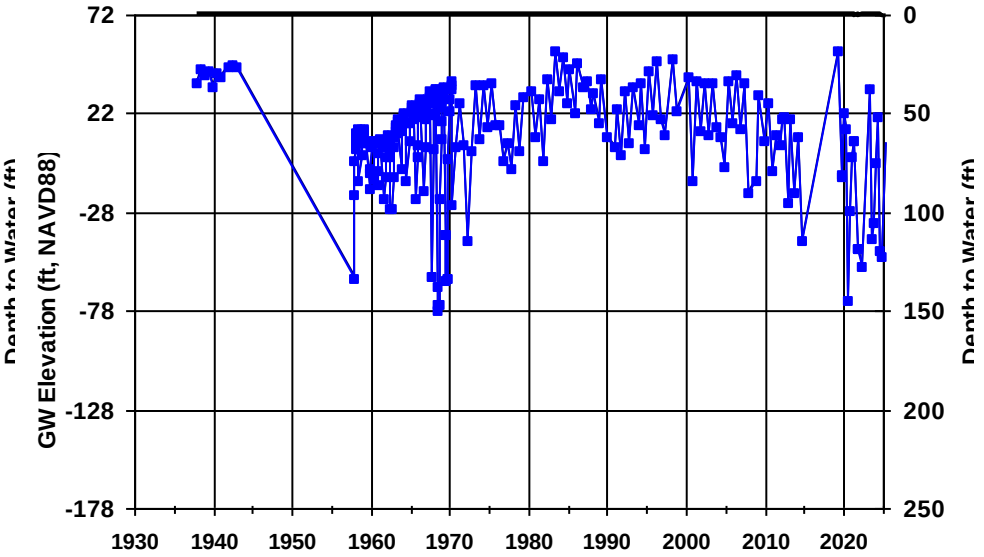
Source: SID Perf Int (ft): 150-350 RPE (ft): 60.7 Well Depth (ft): 350



WellID: SID DW-45

Zone: Upper Tehama (possible)

Source: SID Perf Int (ft): N/A RPE (ft): 72.3 Well Depth (ft): 815



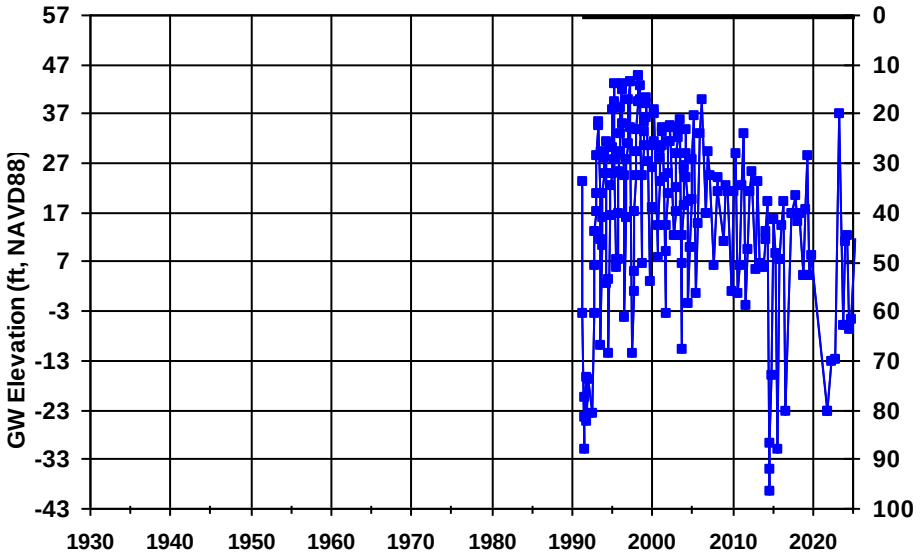
Manual Water Level Measurement

* Multiple Screens

WellID: SID DW-49

Zone: Upper Tehama (possible)

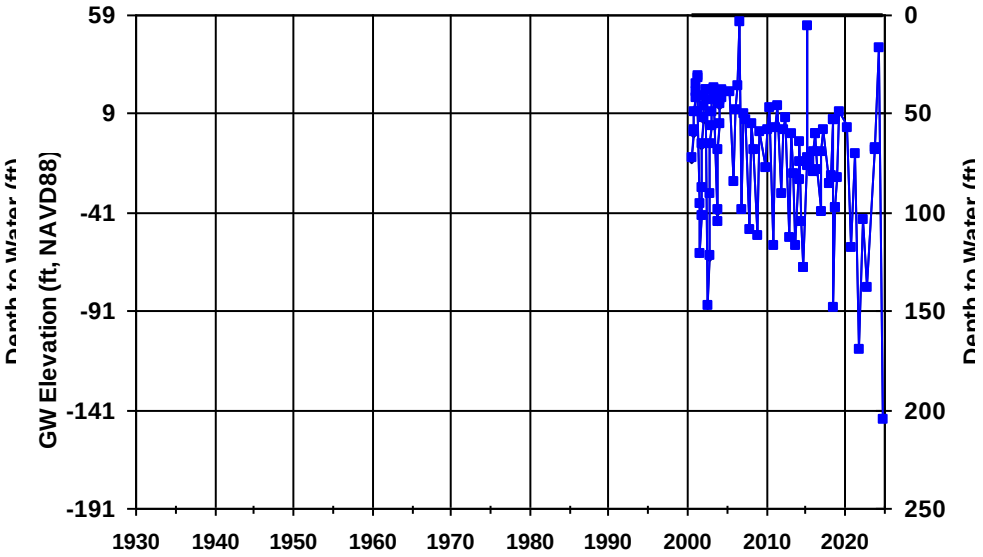
Source: SID Perf Int (ft): N/A RPE (ft): 56.6 Well Depth (ft): 600



WellID: SID DW-50

Zone: Upper Tehama (possible)

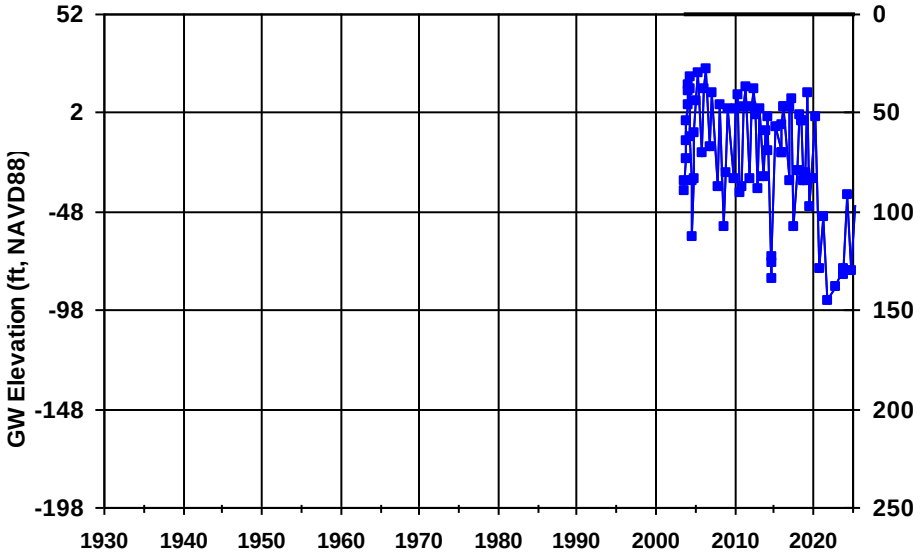
Source: SID Perf Int (ft): N/A RPE (ft): 59 Well Depth (ft): 915



WellID: SID DW-51

Zone: Upper Tehama (primary) & Middle Tehama

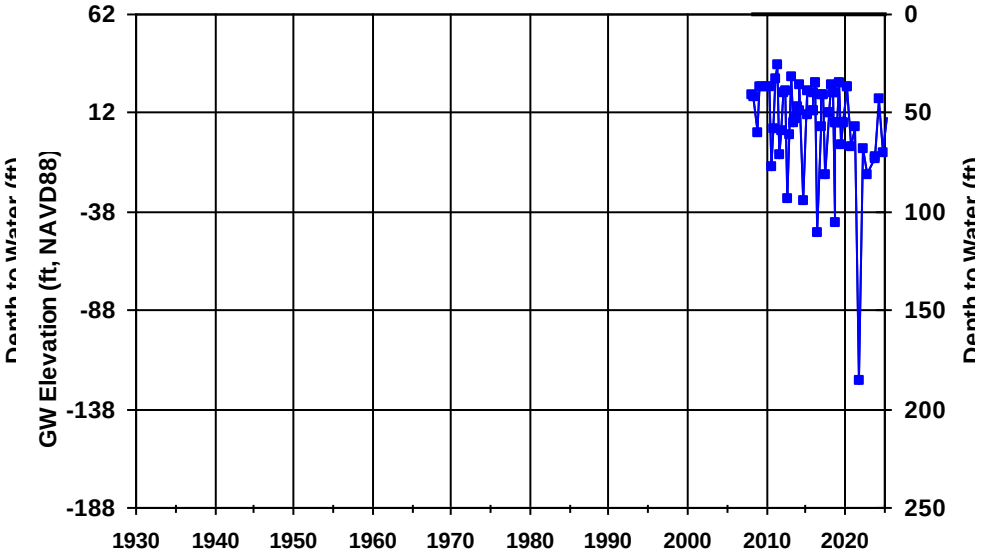
Source: SID Perf Int (ft): N/A RPE (ft): 51.7 Well Depth (ft): 1230



WellID: SID DW-53

Zone: Upper Tehama (possible)

Source: SID Perf Int (ft): 260-860* RPE (ft): 61.5 Well Depth (ft): 880



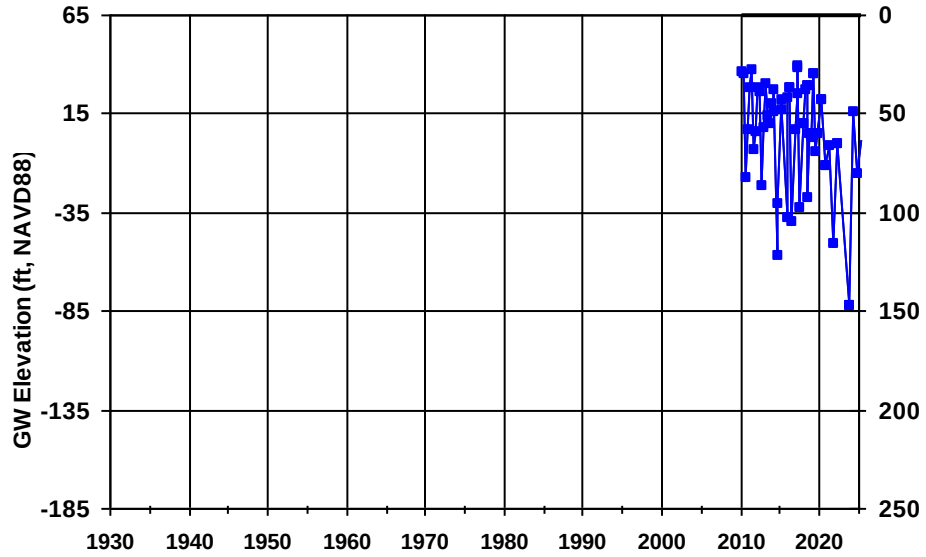
Manual Water Level Measurement

* Multiple Screens

WellID: SID DW-58

Zone: Upper Tehama (possible)

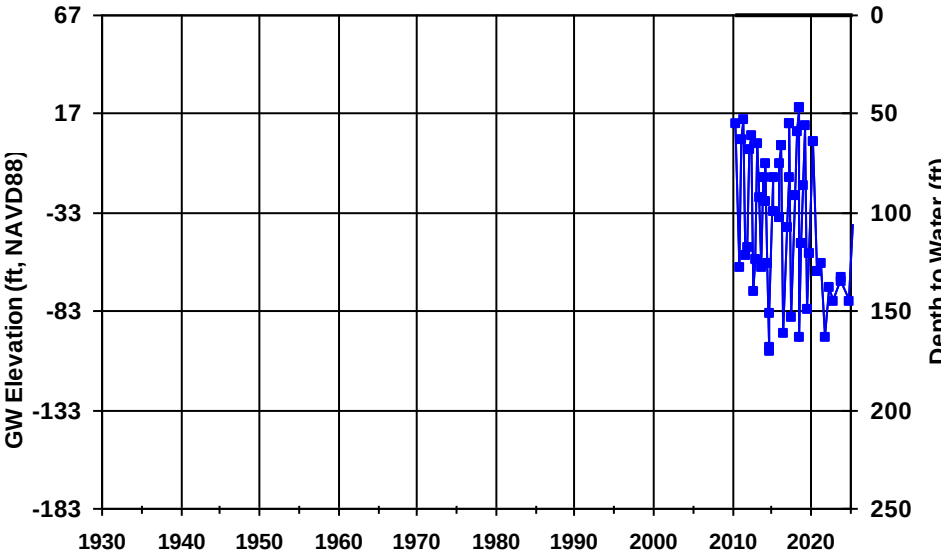
Source: SID Perf Int (ft): N/A RPE (ft): 64.6 Well Depth (ft): 950



WellID: SID DW-59

Zone: Upper Tehama (possible)

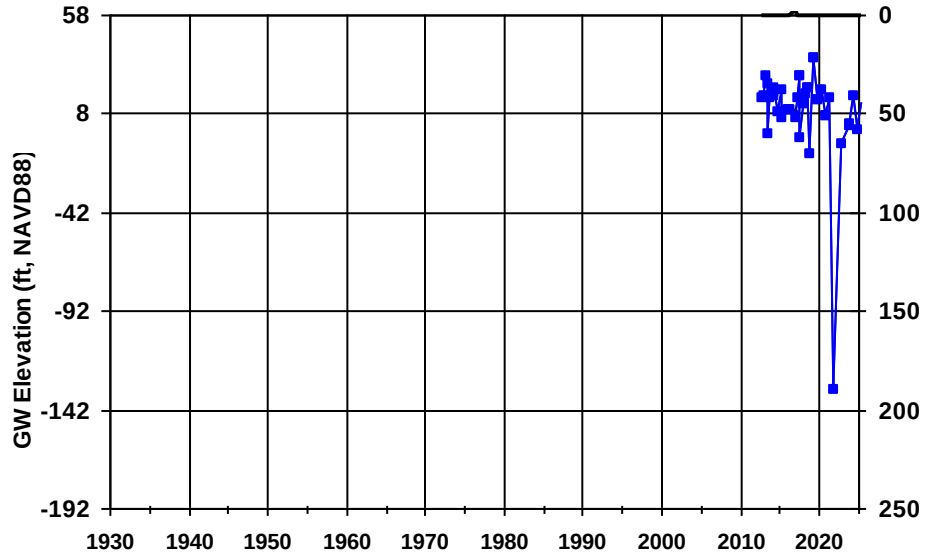
Source: SID Perf Int (ft): N/A RPE (ft): 66.8 Well Depth (ft): 1000



WellID: SID DW-60

Zone: Upper Tehama (possible)

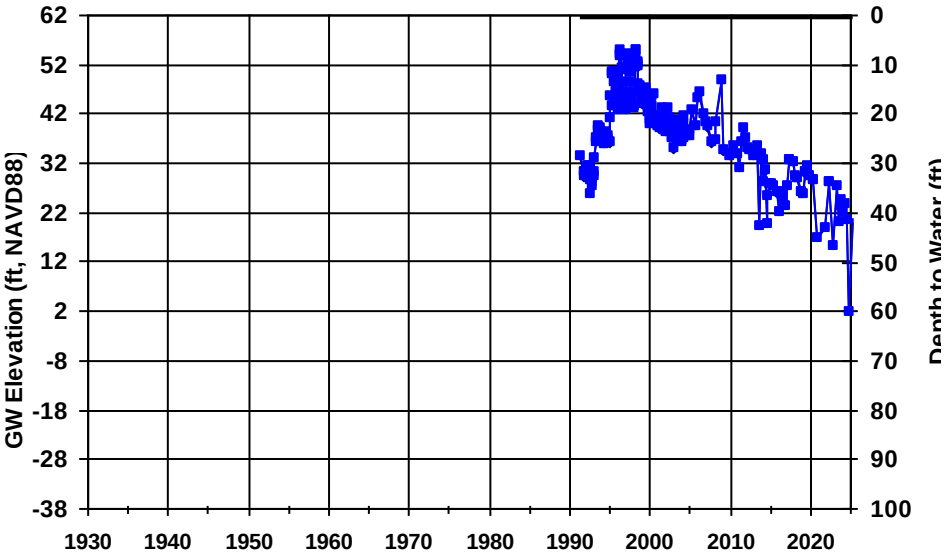
Source: SID Perf Int (ft): N/A RPE (ft): 58.4 Well Depth (ft): 705



WellID: SID DW-8

Zone: Quaternary Alluvium (primary) & Upper Tehama (possible)

Source: SID Perf Int (ft): 36-105* RPE (ft): 61.5 Well Depth (ft): 105



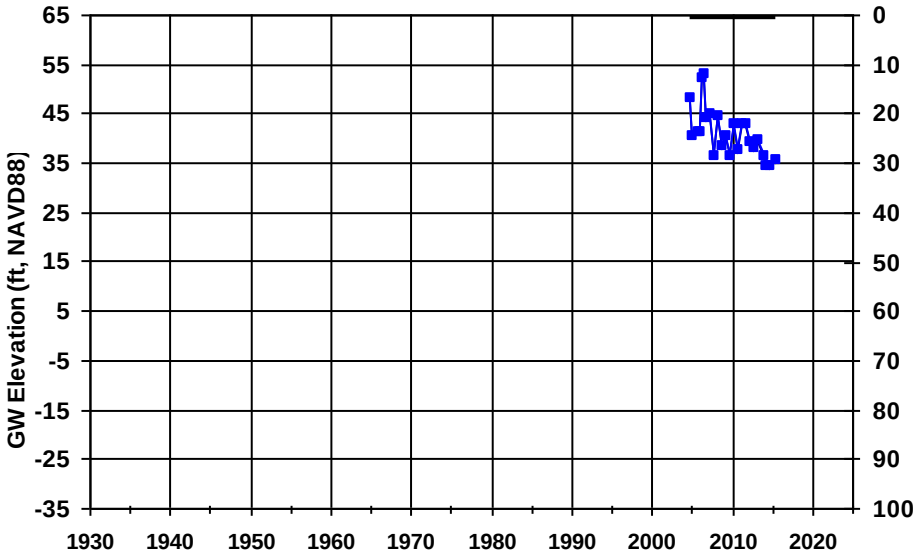
Manual Water Level Measurement

* Multiple Screens

WellID: SL0609509383_MW-5

Zone: Quaternary Alluvium (possible)

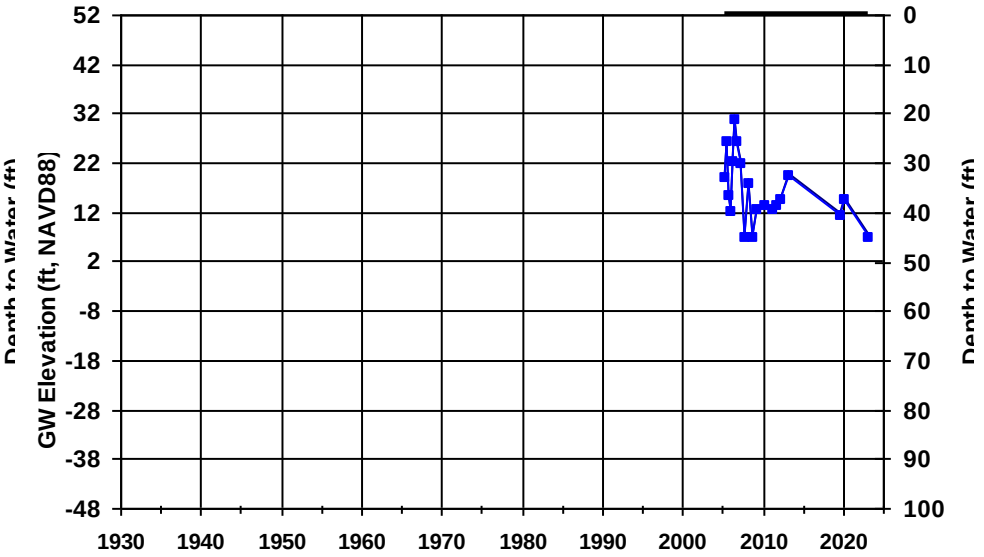
Source: Geotracker Perf Int (ft): 15-35 RPE (ft): 64.76 Well Depth (ft):



WellID: SL0609524338_MW-3

Zone: Quaternary Alluvium (possible)

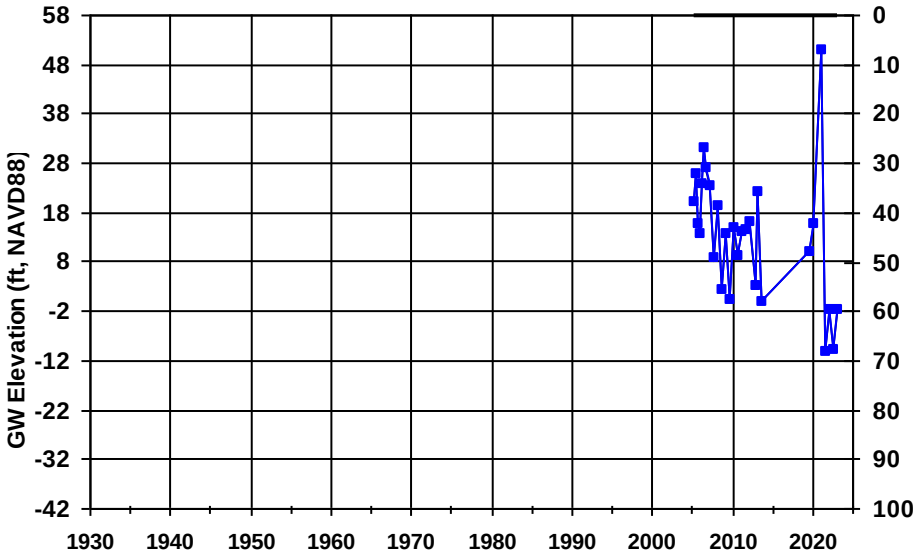
Source: Geotracker Perf Int (ft): 25-45 RPE (ft): 52.23 Well Depth (ft):



WellID: SL0609524338_MW-5D

Zone: Quaternary Alluvium (possible)

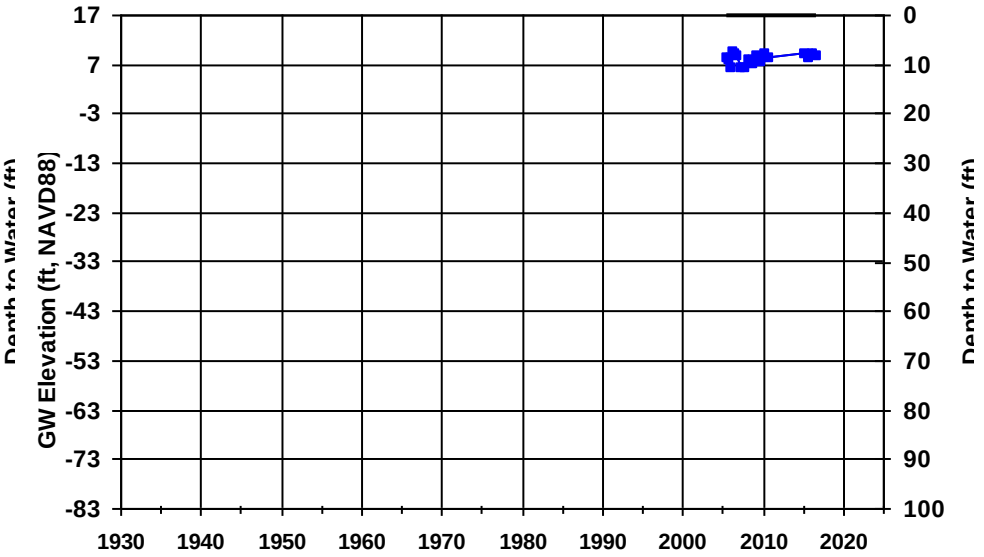
Source: Geotracker Perf Int (ft): 60-80 RPE (ft): 57.88 Well Depth (ft):



WellID: SL0609591210_58MW-1R

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 16-26 RPE (ft): 17.102 Well Depth (ft): 26



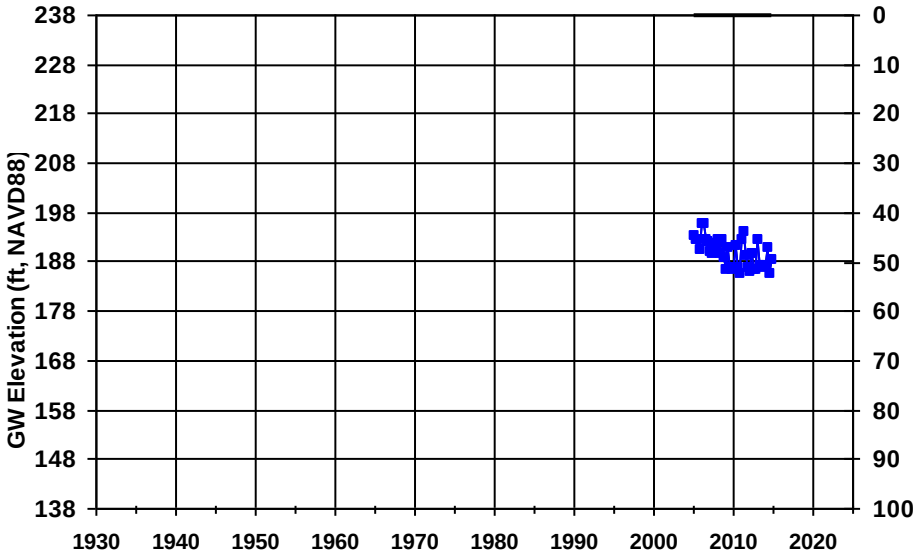
Manual Water Level Measurement

* Multiple Screens

WellID: SL18238656_1004

Zone: Quaternary Alluvium (possible)

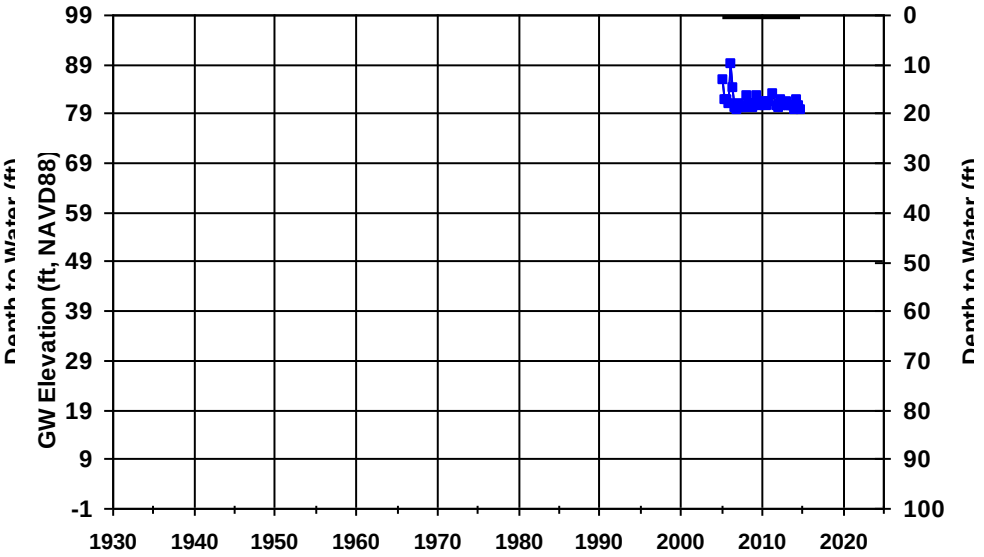
Source: Geotracker Perf Int (ft): 38-58 RPE (ft): 238.09 Well Depth (ft):



WellID: SL18238656_906

Zone: Quaternary Alluvium (possible)

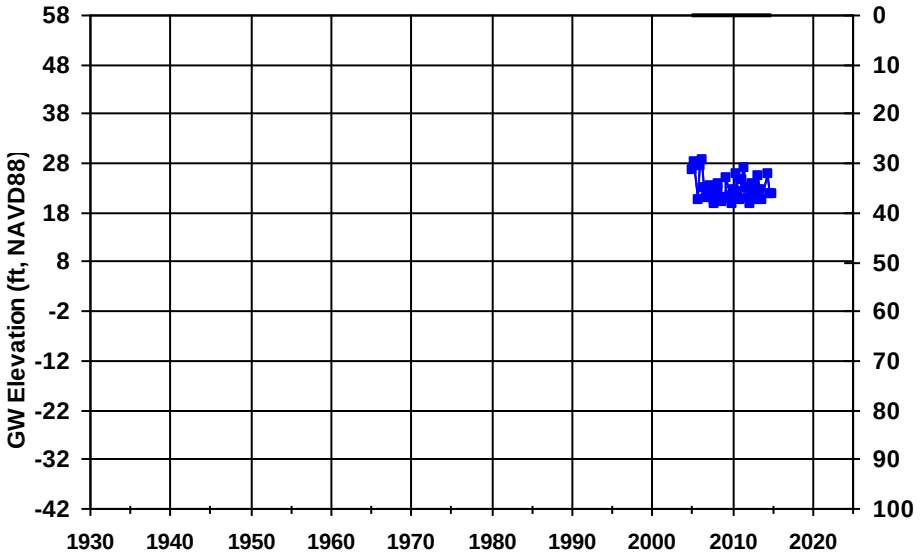
Source: Geotracker Perf Int (ft): 9-19 RPE (ft): 98.77 Well Depth (ft):



WellID: SL18238656_B-28

Zone: Quaternary Alluvium (possible)

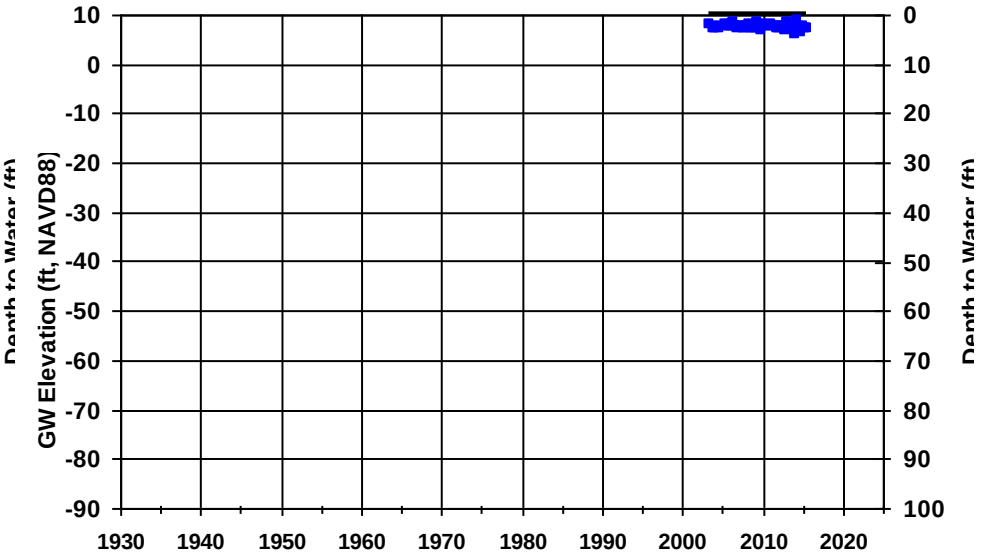
Source: Geotracker Perf Int (ft): 36-46 RPE (ft): 58.03 Well Depth (ft):



WellID: SL1824V1160_MW-3

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 5-20 RPE (ft): 10.31 Well Depth (ft):



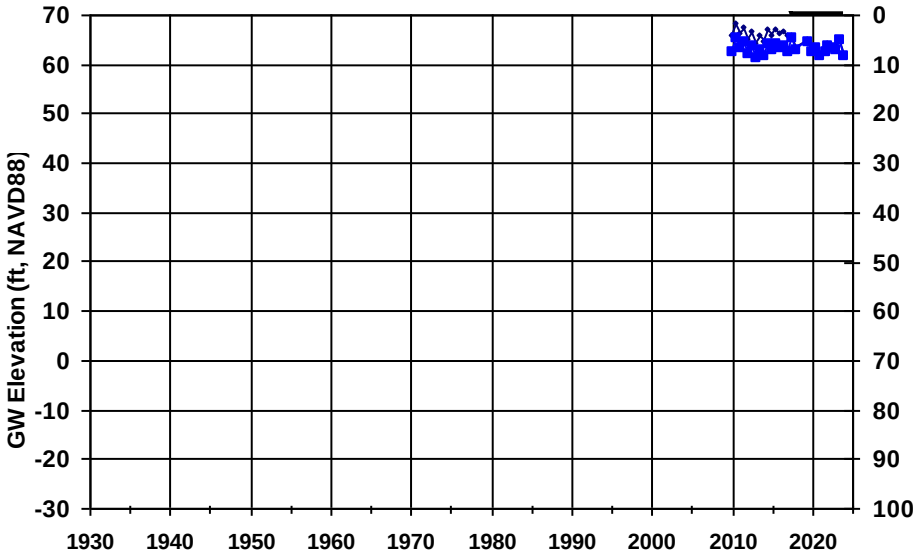
Manual Water Level Measurement

* Multiple Screens

WellID: SL185572925_MW-28

Zone: Quaternary Alluvium (possible)

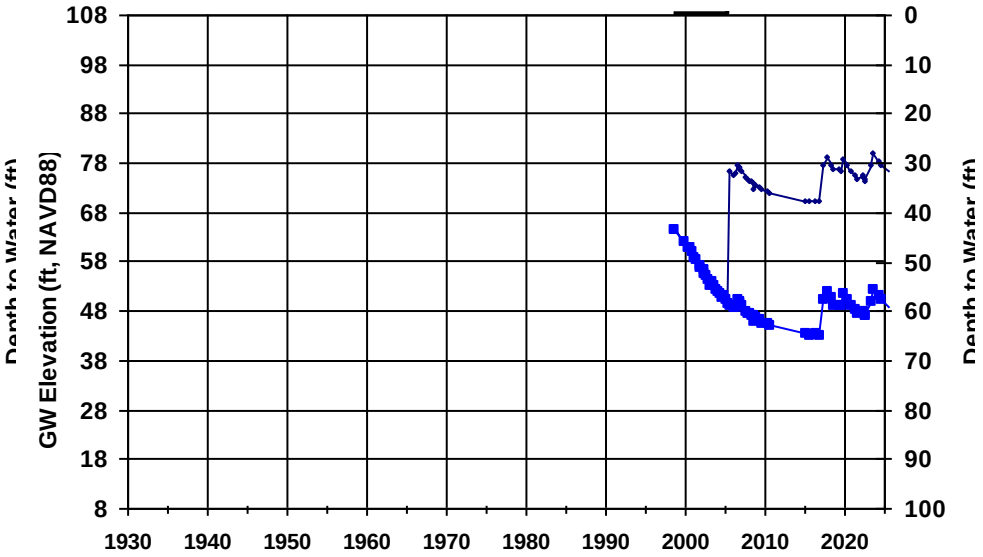
Source: Geotracker Perf Int (ft): 55.75-60.75 RPE (ft): 70.33 Well Depth (ft):



WellID: SL186022960_62MW-1

Zone: Quaternary Alluvium (possible)

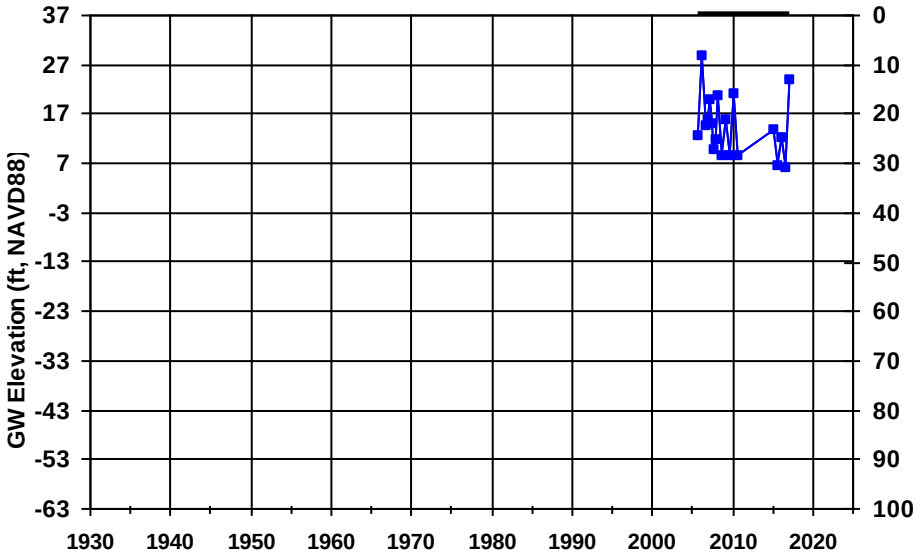
Source: Geotracker Perf Int (ft): 69.4-74.4 RPE (ft): 108.33 Well Depth (ft):



WellID: SL186042962_60MW-2

Zone: Quaternary Alluvium (possible)

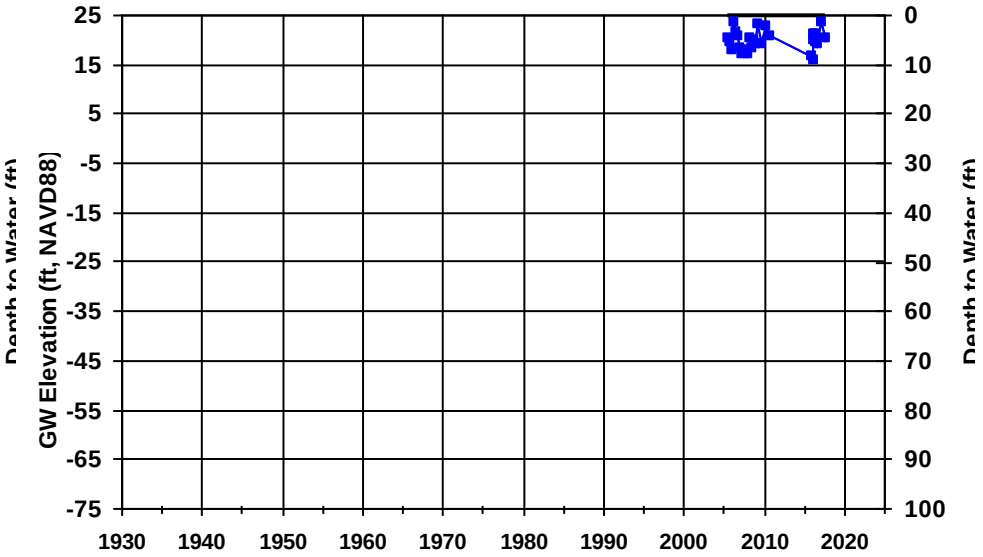
Source: Geotracker Perf Int (ft): 22.6-32.6 RPE (ft): 37.22 Well Depth (ft):



WellID: SL186112969_49MW-6D

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 40-50 RPE (ft): 24.83 Well Depth (ft):



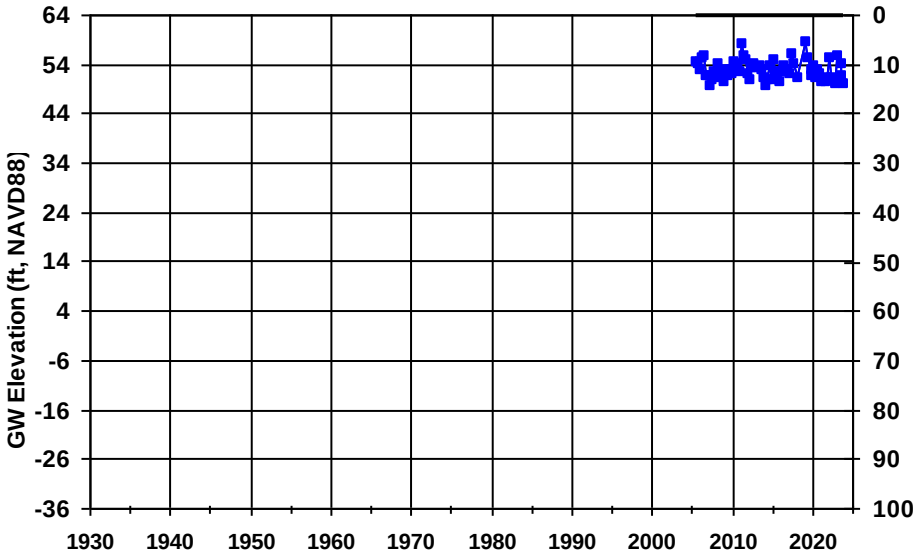
Manual Water Level Measurement

* Multiple Screens

WellID: SL205413012_MW-23A

Zone: Quaternary Alluvium (possible)

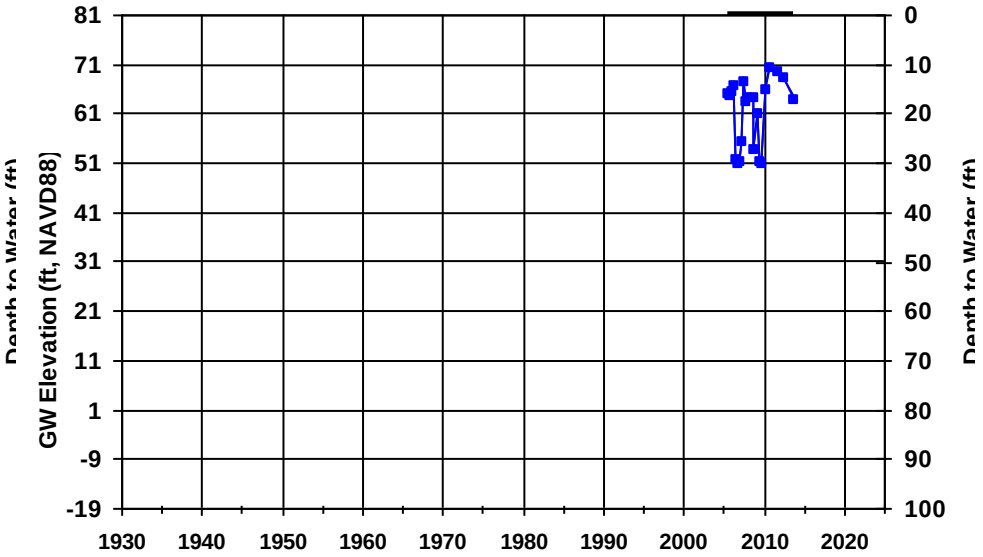
Source: Geotracker Perf Int (ft): 6.5-20.5 RPE (ft): 64.04 Well Depth (ft):



WellID: T0609500007_MW-6

Zone: Quaternary Alluvium (possible)

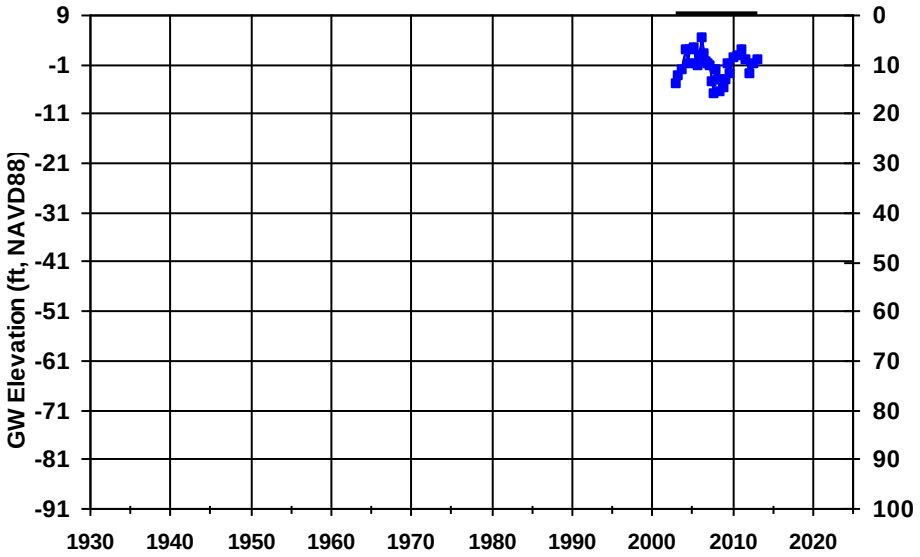
Source: Geotracker Perf Int (ft): 6-29 RPE (ft): 81.36 Well Depth (ft):



WellID: T0609500008_MW-2

Zone: Quaternary Alluvium (possible)

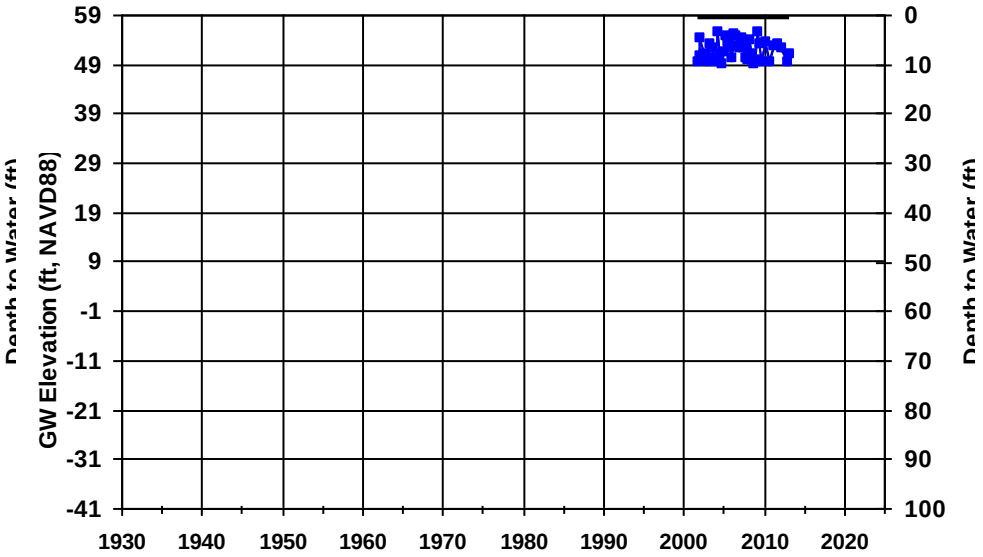
Source: Geotracker Perf Int (ft): 17-25 RPE (ft): 9.34 Well Depth (ft):



WellID: T0609500009_BC-2

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 5-19 RPE (ft): 58.73 Well Depth (ft):



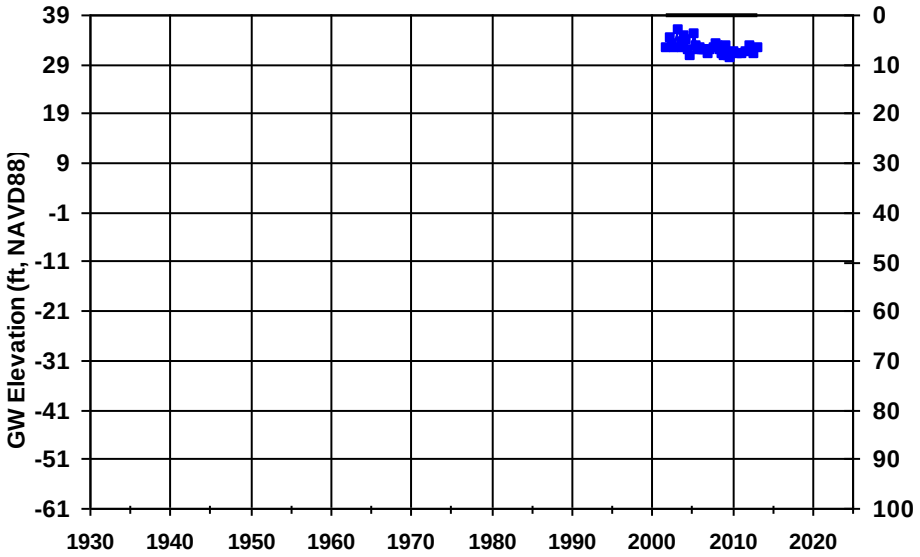
Manual Water Level Measurement

* Multiple Screens

WellID: T0609500010_A-4

Zone: Quaternary Alluvium (possible)

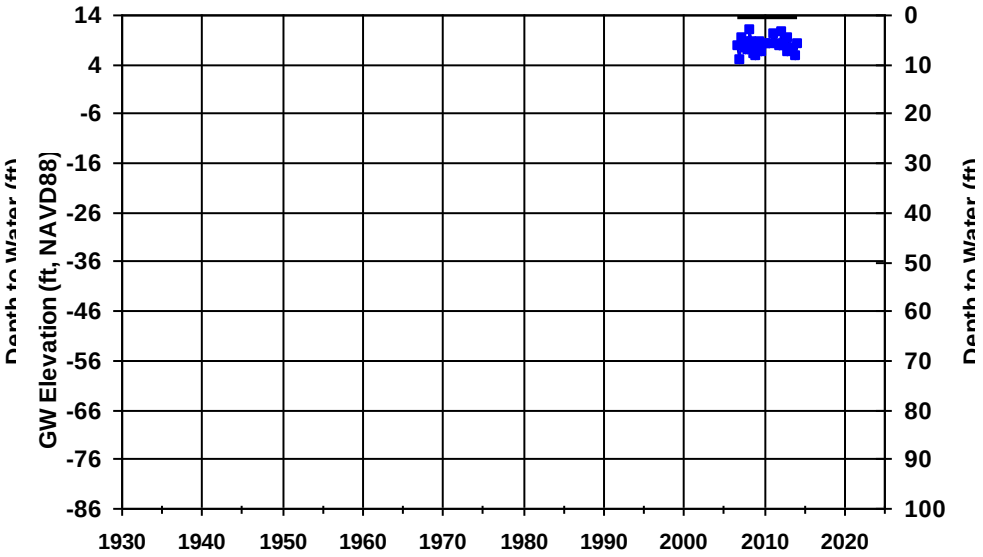
Source: Geotracker Perf Int (ft): 0-20 RPE (ft): 38.94 Well Depth (ft):



WellID: T0609500021_MW-1A

Zone: Quaternary Alluvium (possible)

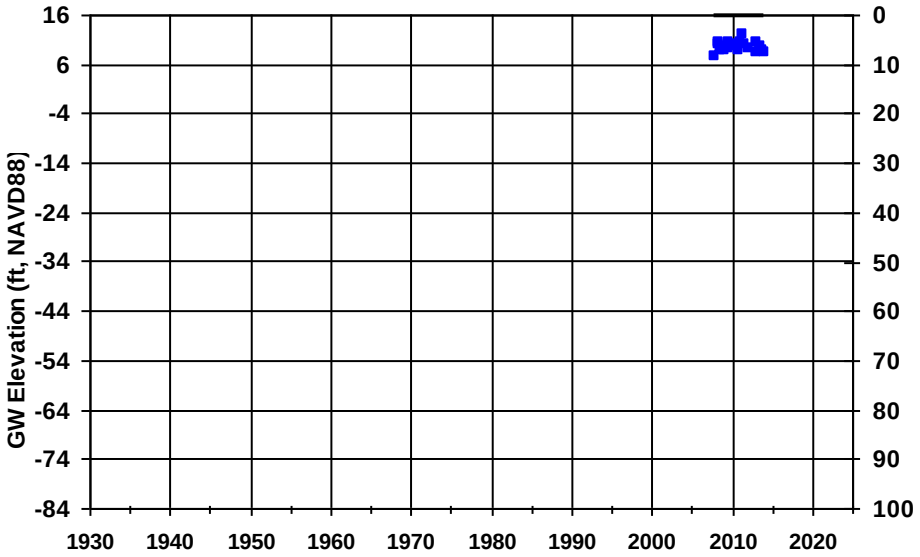
Source: Geotracker Perf Int (ft): 20-30 RPE (ft): 13.53 Well Depth (ft):



WellID: T0609500028_MW-107

Zone: Quaternary Alluvium (possible)

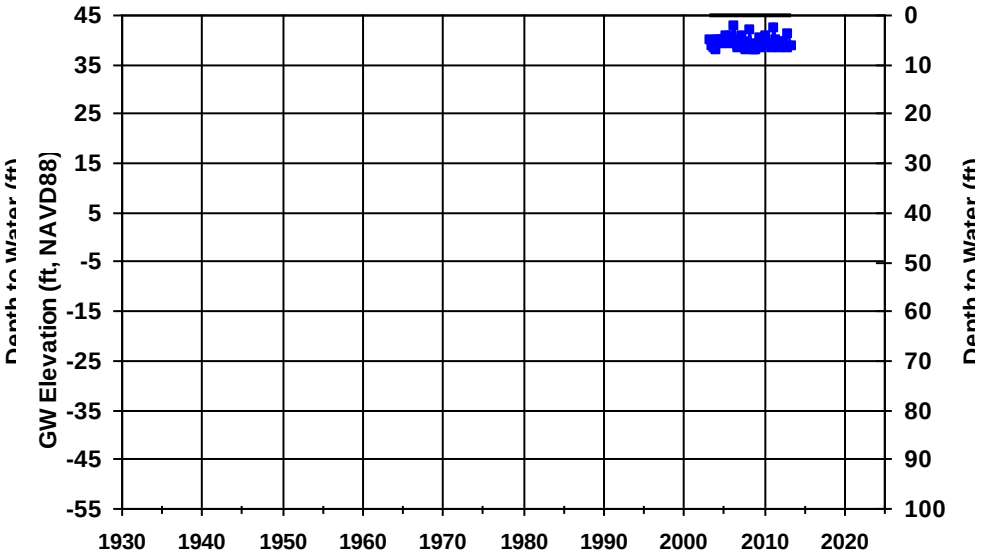
Source: Geotracker Perf Int (ft): 4-19 RPE (ft): 16.01 Well Depth (ft):



WellID: T0609500072_MW-3

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 4-19 RPE (ft): 45.17 Well Depth (ft):



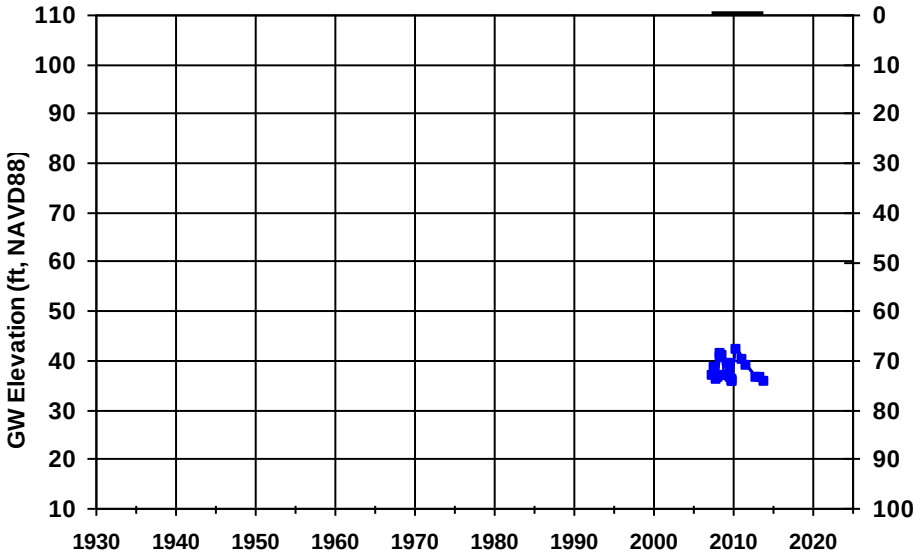
Manual Water Level Measurement

* Multiple Screens

WellID: T0609500113_MW-17

Zone: Quaternary Alluvium (possible)

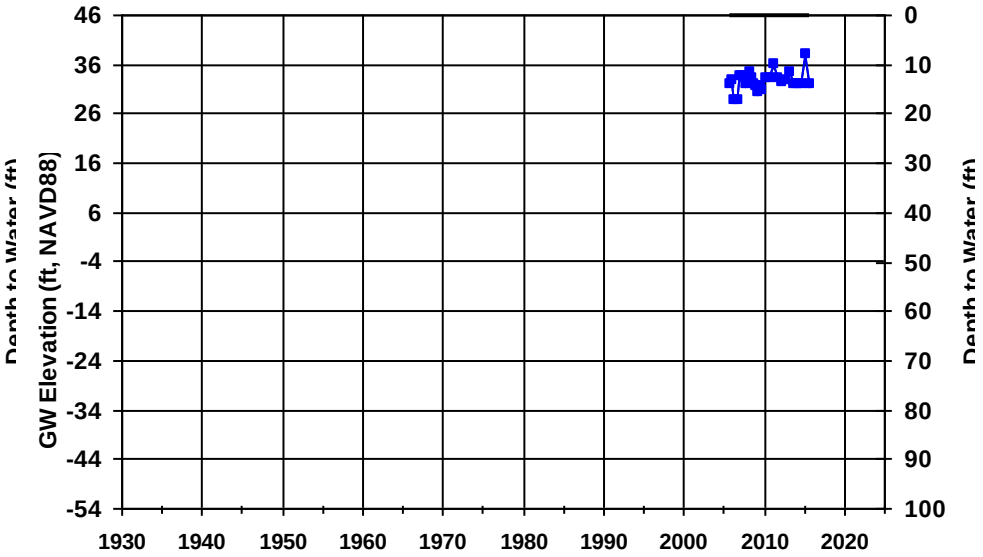
Source: Geotracker Perf Int (ft): 59.5-139 RPE (ft): 110.33 Well Depth (ft):



WellID: T0609500130_S-15

Zone: Quaternary Alluvium (possible)

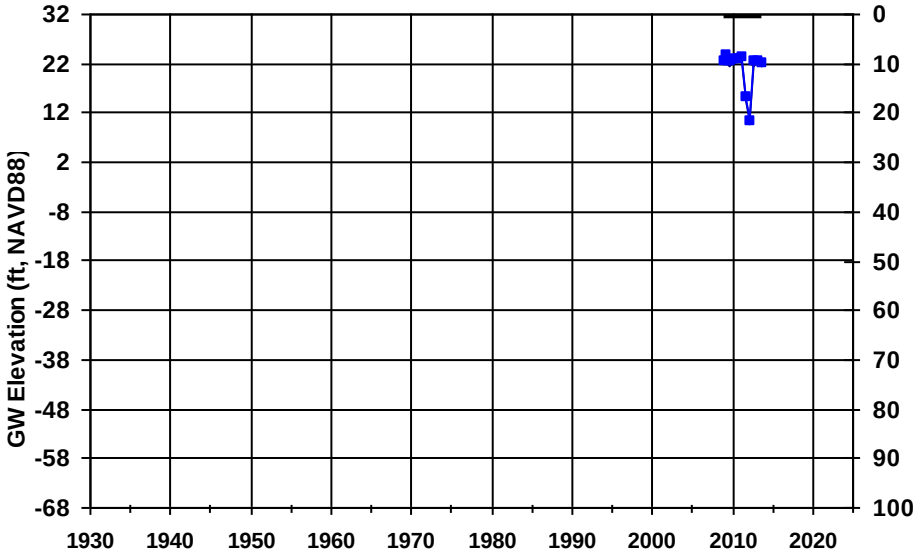
Source: Geotracker Perf Int (ft): 25-35 RPE (ft): 45.914 Well Depth (ft):



WellID: T0609500131_S-10

Zone: Quaternary Alluvium (possible)

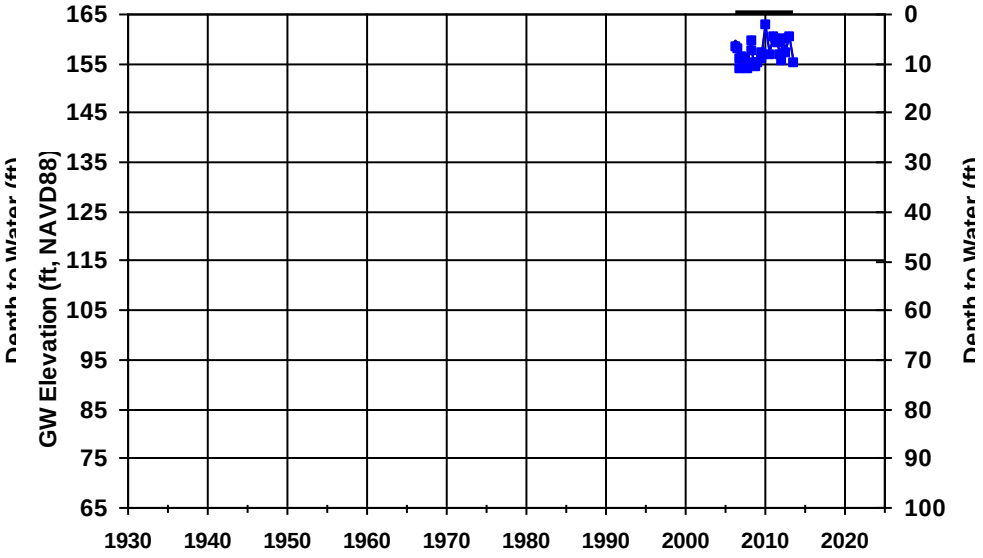
Source: Geotracker Perf Int (ft): 30-40 RPE (ft): 31.51 Well Depth (ft):



WellID: T0609500168_MW-8

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 4-23 RPE (ft): 165.44 Well Depth (ft):



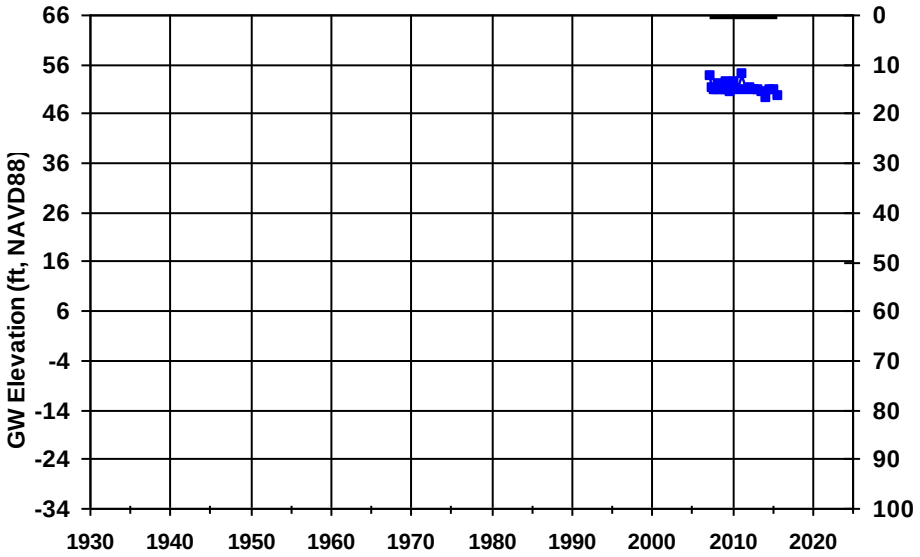
Manual Water Level Measurement

* Multiple Screens

WellID: T0609500206_MW-17

Zone: Quaternary Alluvium (possible)

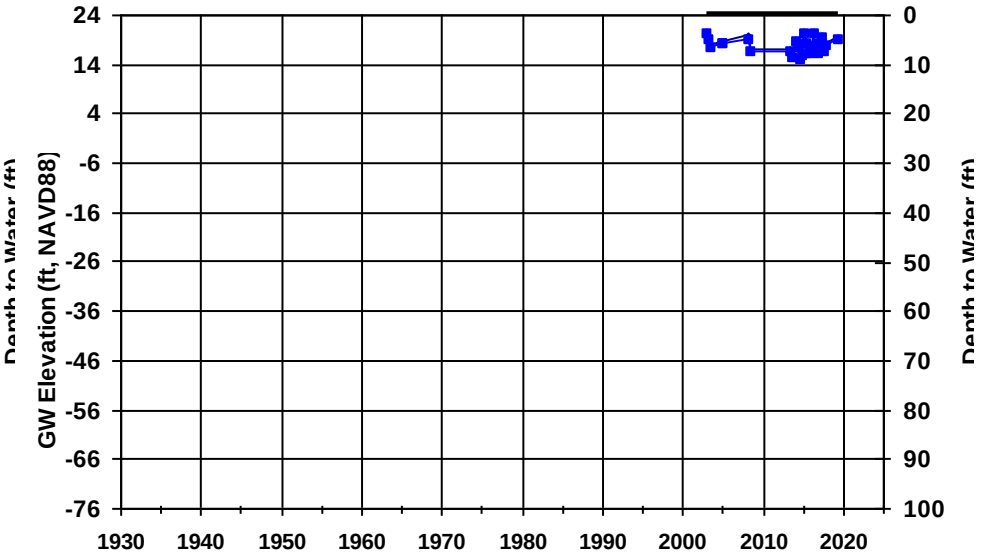
Source: Geotracker Perf Int (ft): 15-25 RPE (ft): 65.77 Well Depth (ft):



WellID: T0609500242_MW-7

Zone: Quaternary Alluvium (possible)

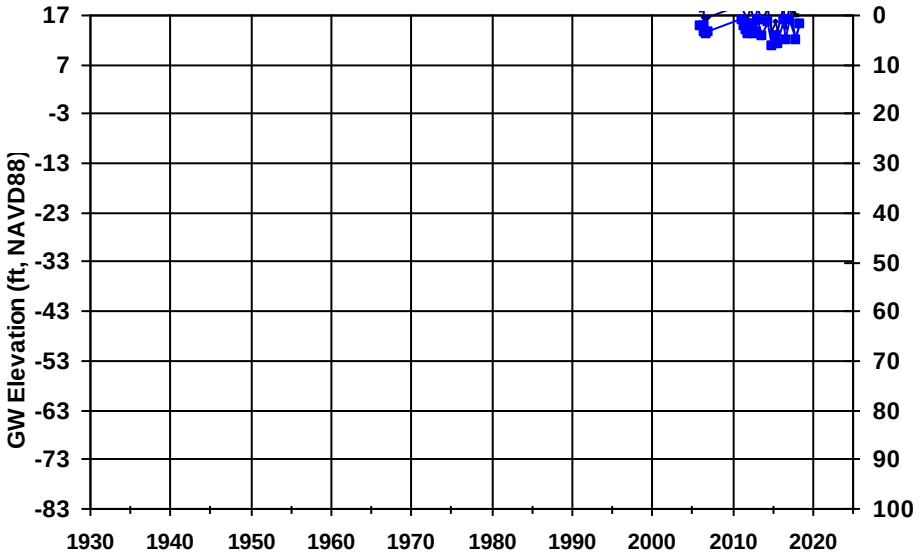
Source: Geotracker Perf Int (ft): 4.5-19.5 RPE (ft): 24.43 Well Depth (ft):



WellID: T0609500243_MW-2

Zone: Quaternary Alluvium (possible)

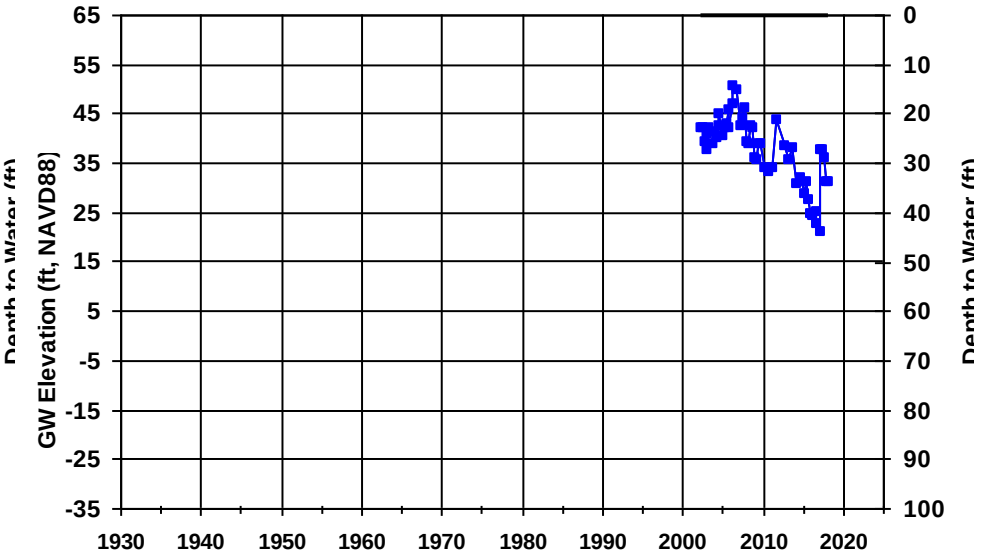
Source: Geotracker Perf Int (ft): 2-15 RPE (ft): 17.19 Well Depth (ft):



WellID: T0609500347_MW-12

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 105-120 RPE (ft): 64.99 Well Depth (ft):



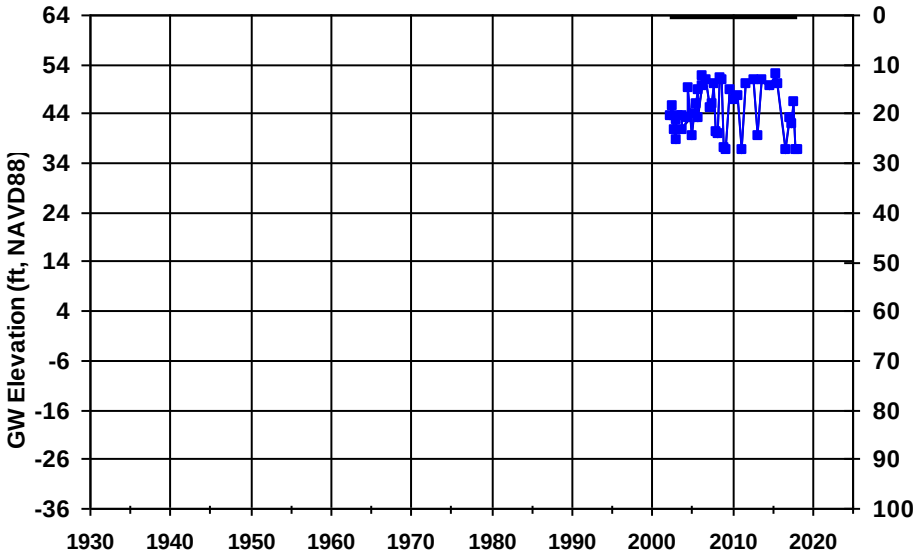
Manual Water Level Measurement

* Multiple Screens

WellID: T0609500347_MW-8

Zone: Quaternary Alluvium (possible)

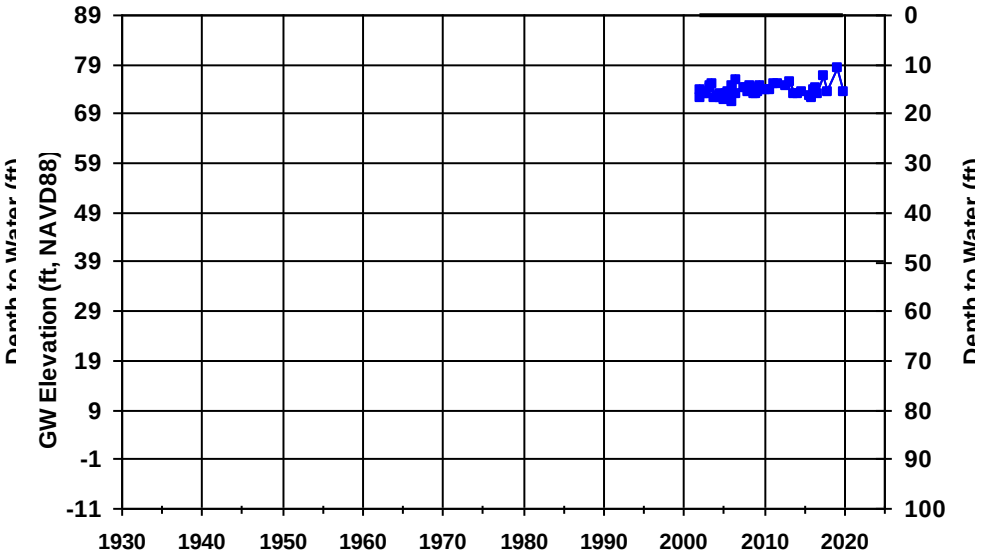
Source: Geotracker Perf Int (ft): 15-35 RPE (ft): 63.68 Well Depth (ft):



WellID: T0609500370_MW-1

Zone: Quaternary Alluvium (possible)

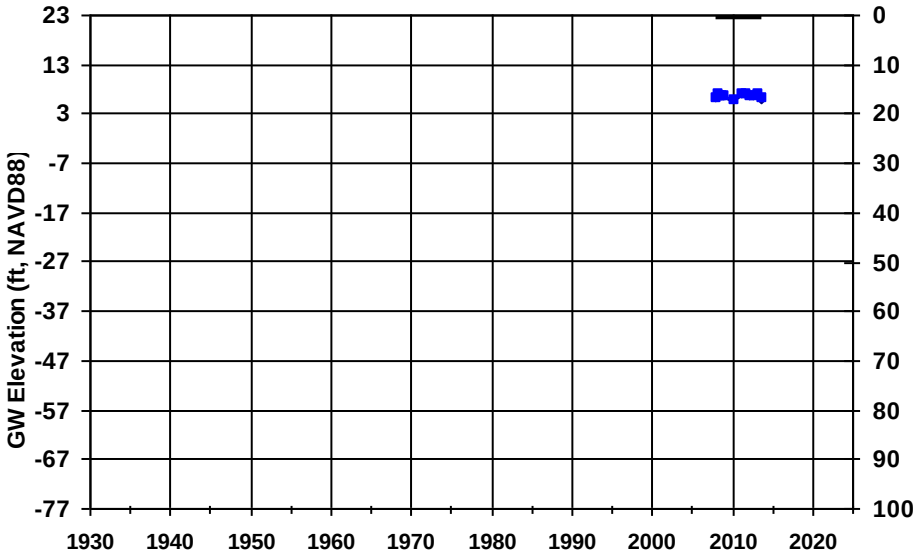
Source: Geotracker Perf Int (ft): 12-22 RPE (ft): 89.15 Well Depth (ft):



WellID: T0609500420_MW-9

Zone: Quaternary Alluvium (possible)

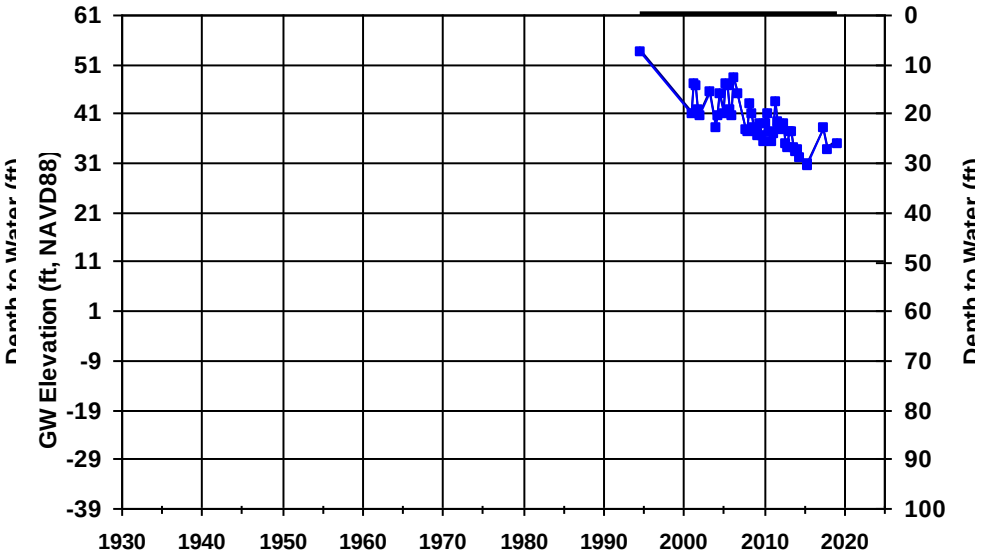
Source: Geotracker Perf Int (ft): 14-24 RPE (ft): 22.53 Well Depth (ft):



WellID: T0609500432_MW-5

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 0-15 RPE (ft): 61.29 Well Depth (ft):



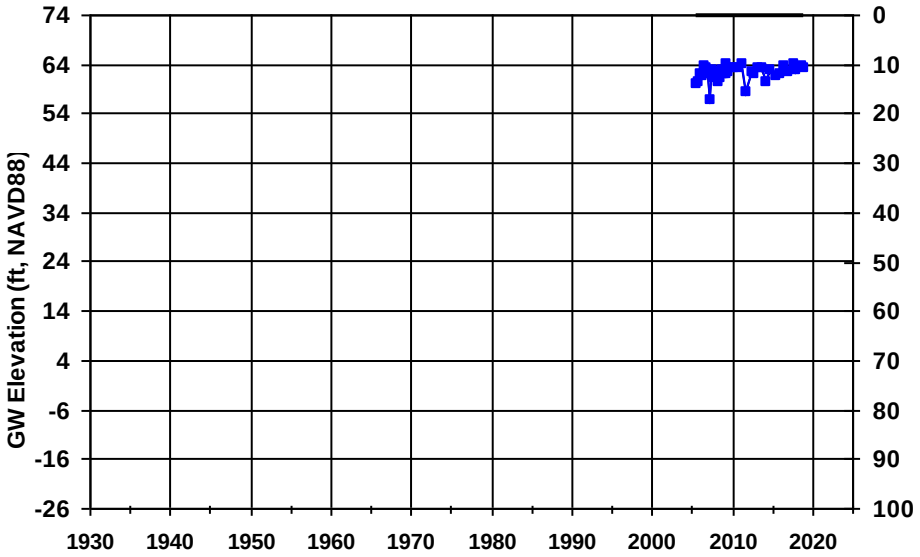
Manual Water Level Measurement

* Multiple Screens

WellID: T0609500451_SGI-MW-14C

Zone: Quaternary Alluvium (possible)

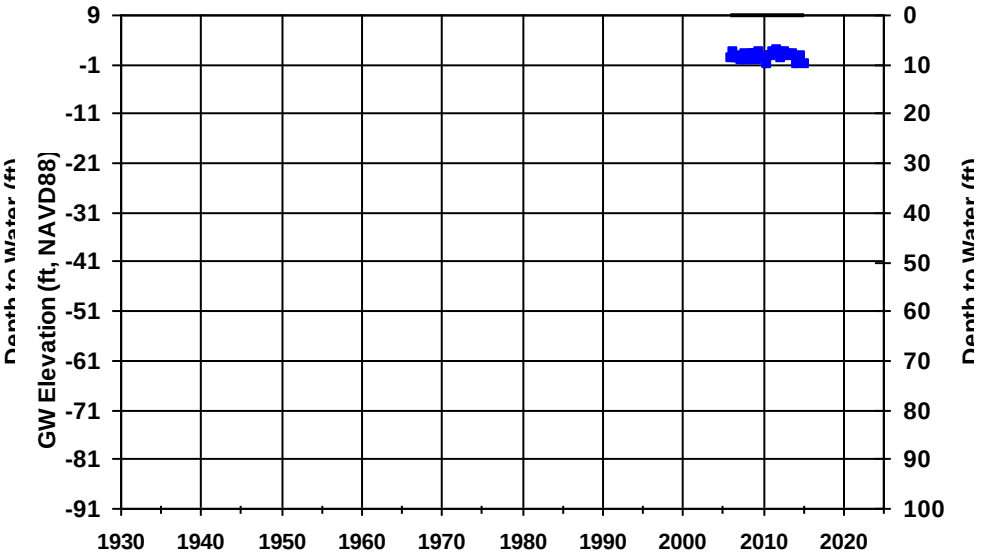
Source: Geotracker Perf Int (ft): 49-54 RPE (ft): 73.82 Well Depth (ft):



WellID: T0609524107_MW-10D

Zone: Quaternary Alluvium (possible)

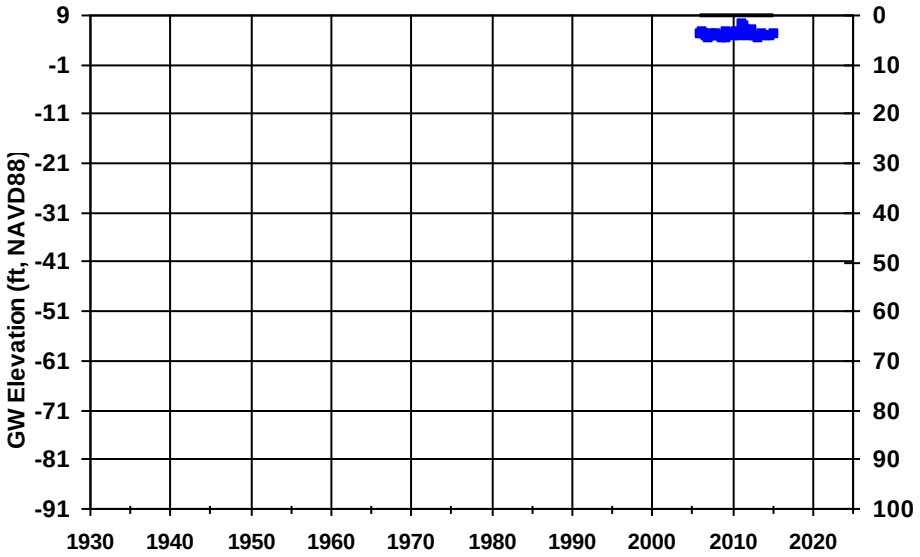
Source: Geotracker Perf Int (ft): 15-20 RPE (ft): 8.91 Well Depth (ft):



WellID: T0609524107_MW-10S

Zone: Quaternary Alluvium (possible)

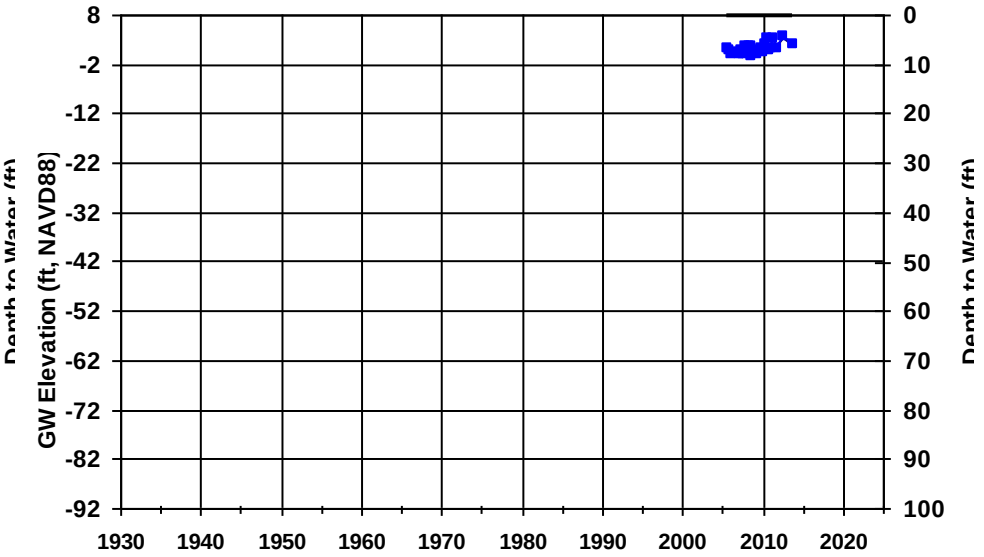
Source: Geotracker Perf Int (ft): 5-8.5 RPE (ft): 8.93 Well Depth (ft):



WellID: T0609587363_MW-G-29

Zone: Quaternary Alluvium (possible)

Source: Geotracker Perf Int (ft): 23-28 RPE (ft): 7.931 Well Depth (ft):



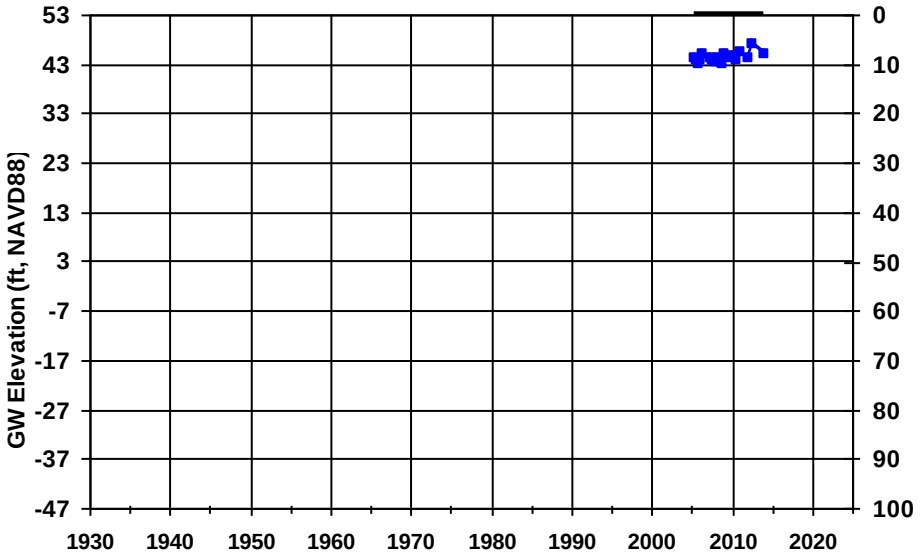
Manual Water Level Measurement

* Multiple Screens

WellID: T060959728_MW-1

Zone: Quaternary Alluvium (possible)

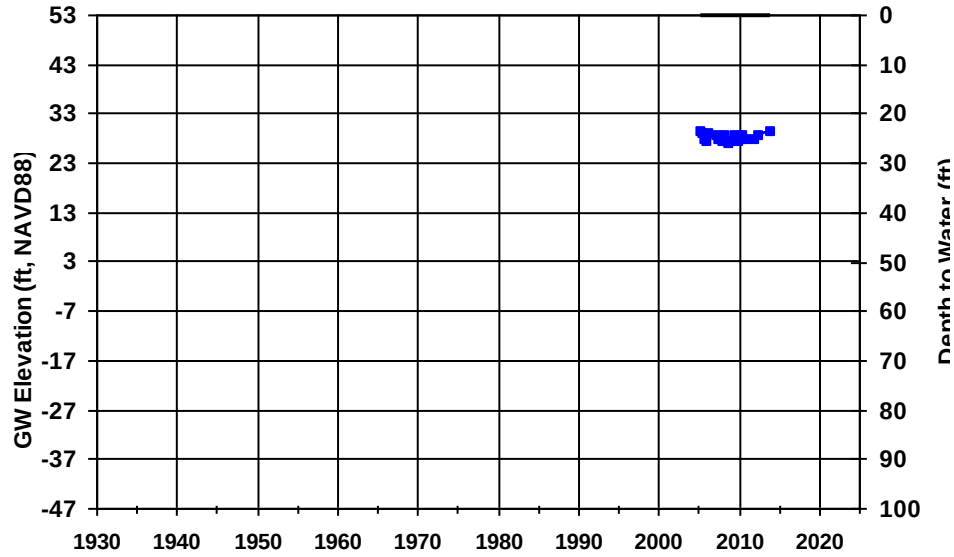
Source: Geotracker Perf Int (ft): 11-16 RPE (ft): 53.33 Well Depth (ft):



WellID: T060959728_MW-10

Zone: Quaternary Alluvium (possible)

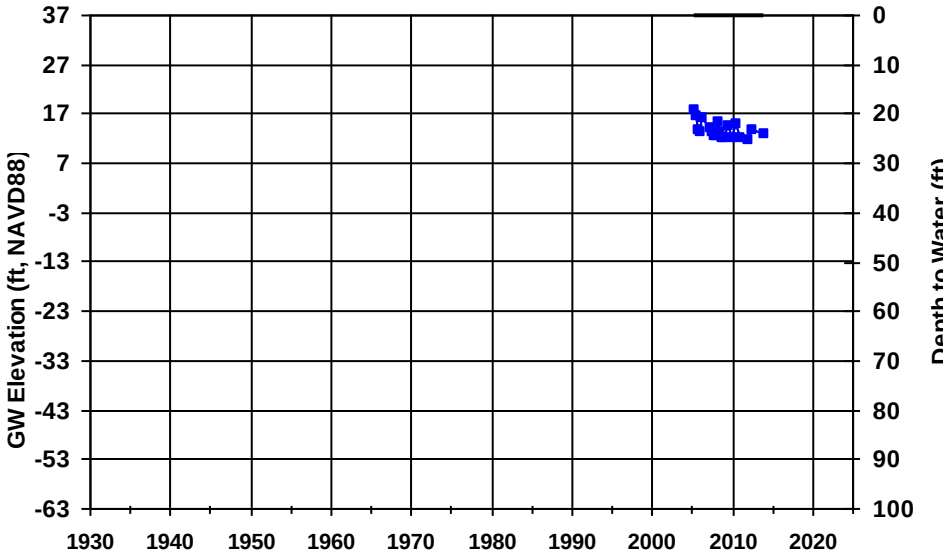
Source: Geotracker Perf Int (ft): 37.5-42.5 RPE (ft): 53.16 Well Depth (ft):



WellID: T060959728_MW-13

Zone: Quaternary Alluvium (possible)

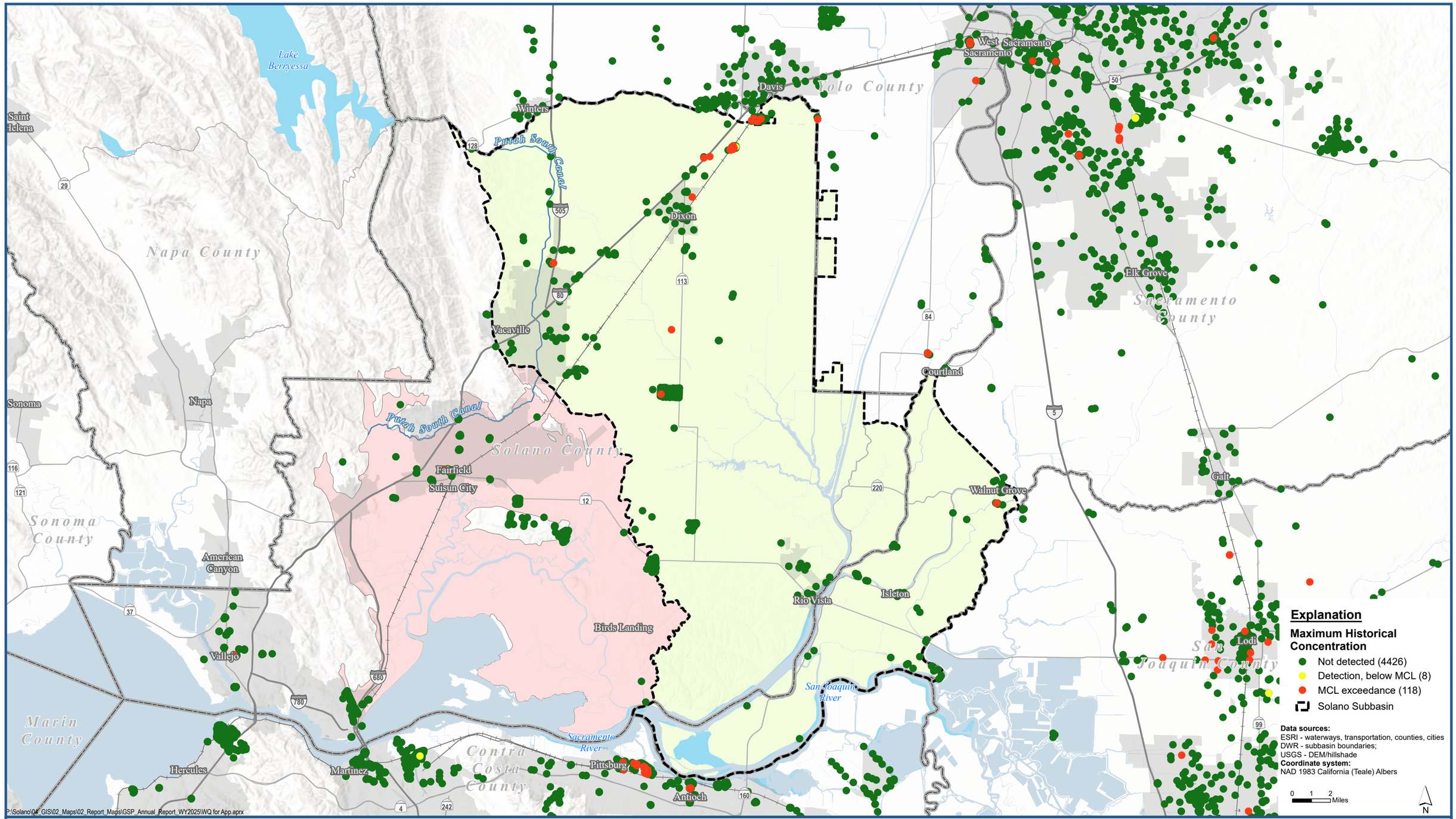
Source: Geotracker Perf Int (ft): 18-28 RPE (ft): 36.97 Well Depth (ft):



Manual Water Level Measurement

* Multiple Screens

Appendix D Additional Groundwater Quality

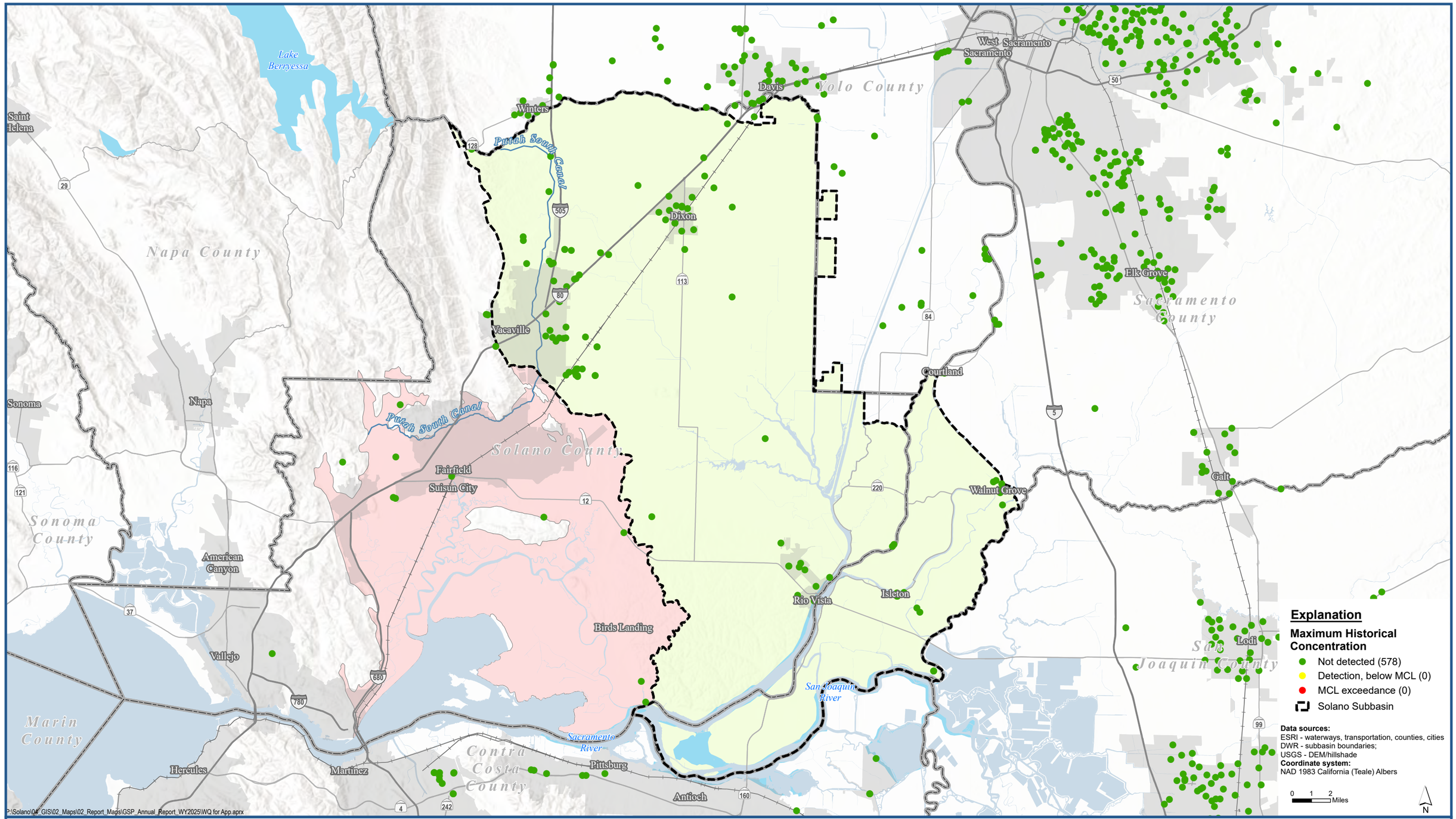


LSCE Team

Maximum Historical 1,2,3-Trichloropropane Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-1

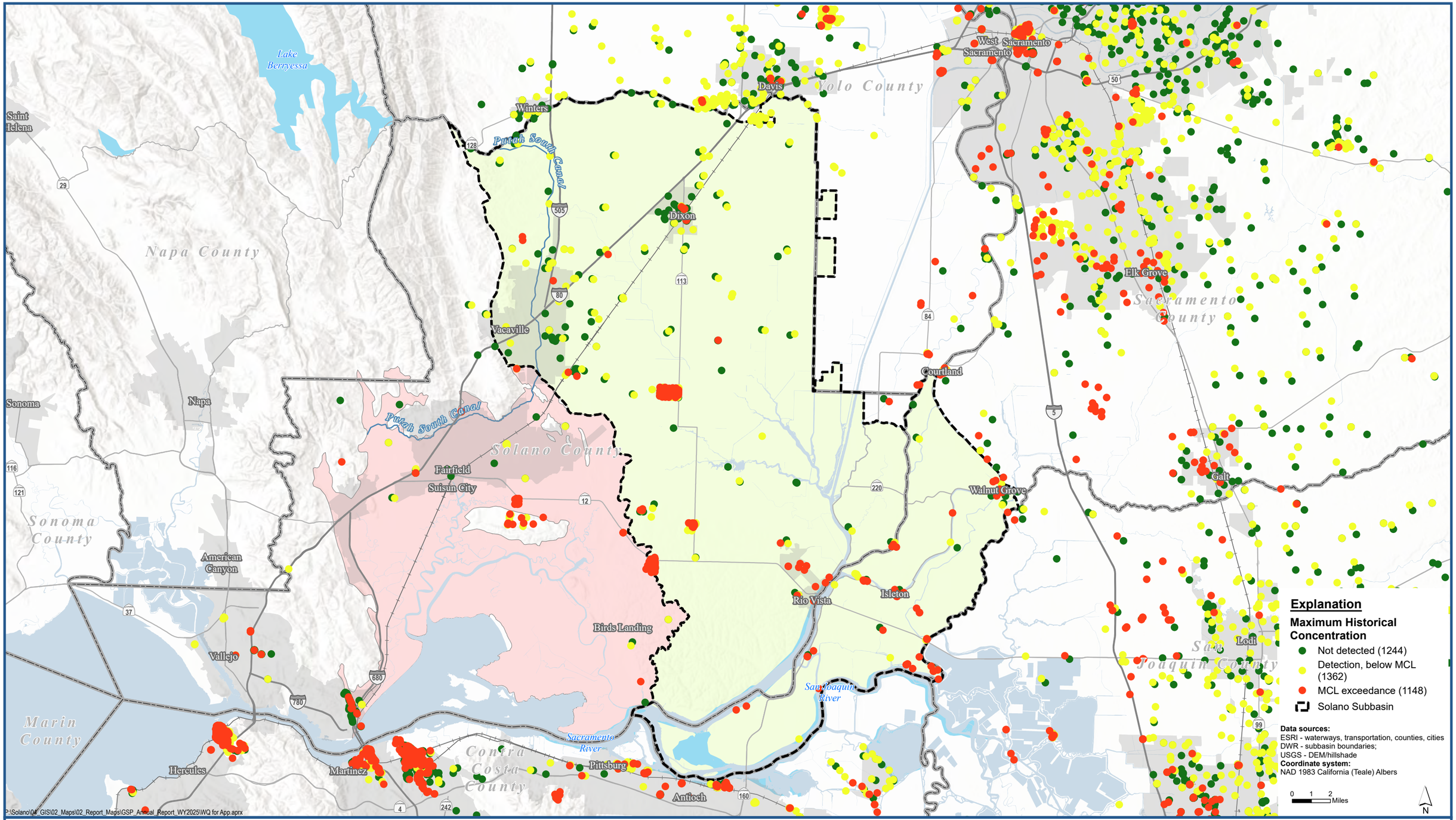


LSCE Team

Maximum Historical Aldicarb Sulfone

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-2

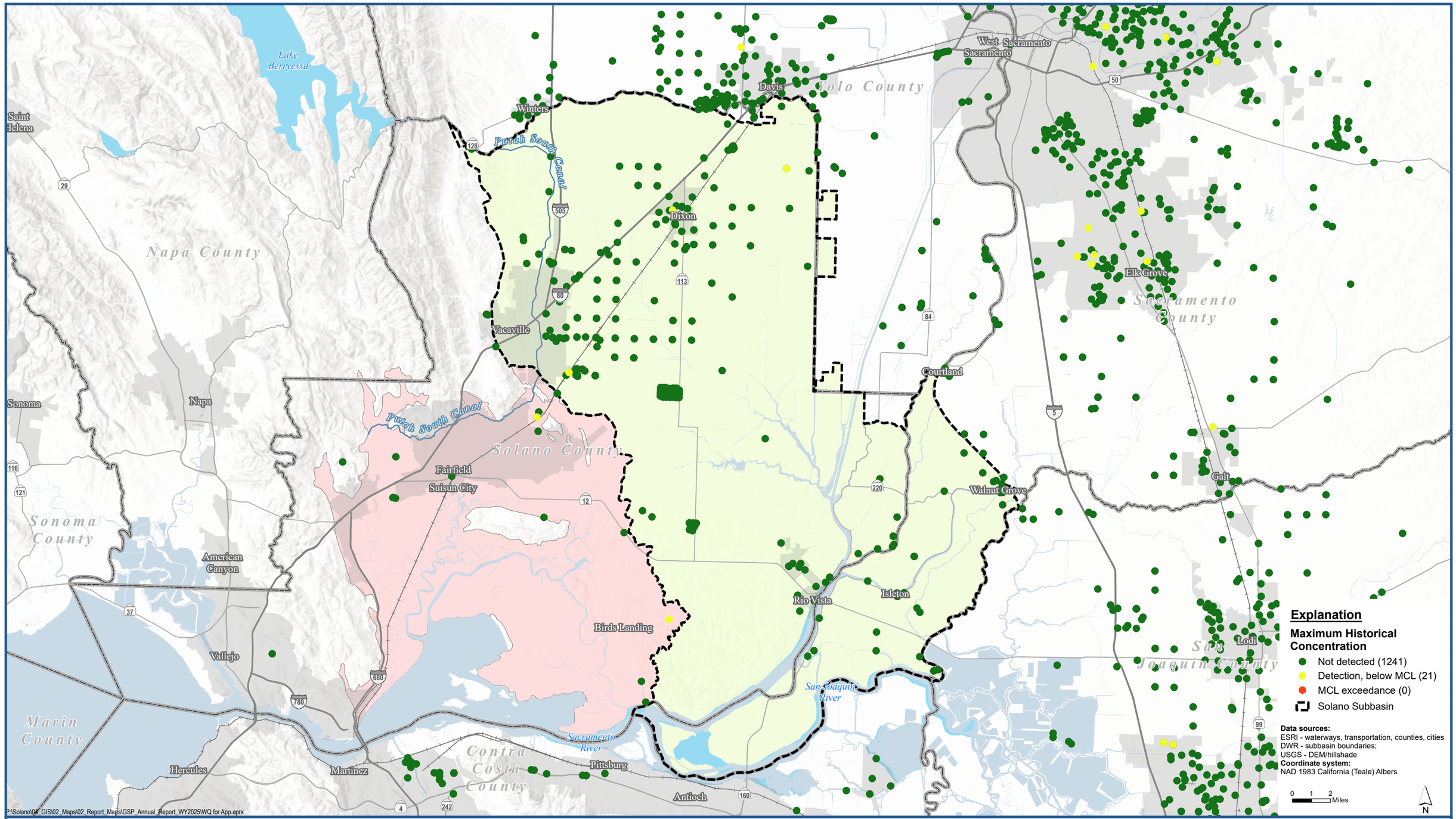


LSCE Team

Maximum Historical Arsenic Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-3

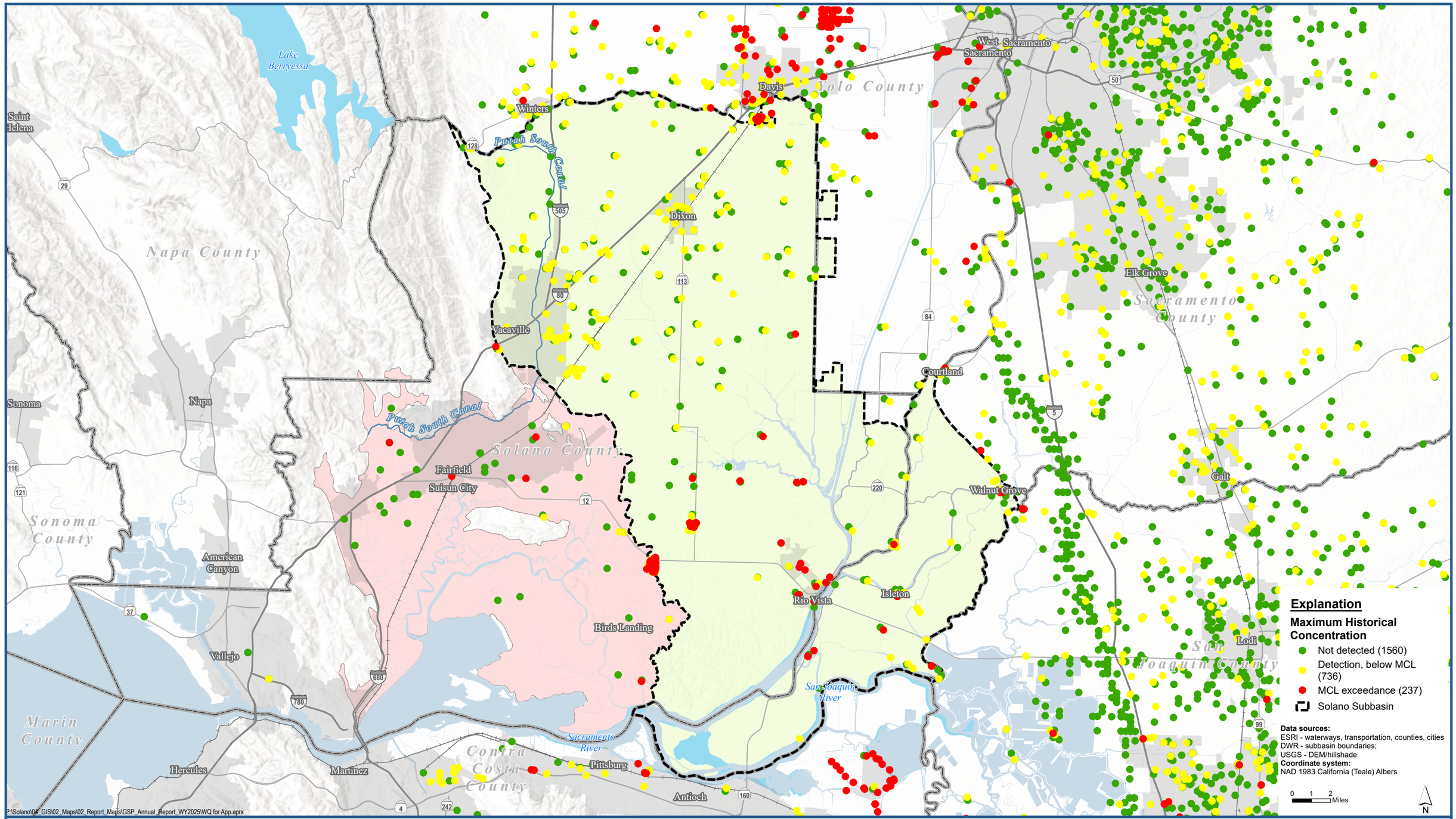


LSCE Team

Maximum Historical Atrazine Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-4

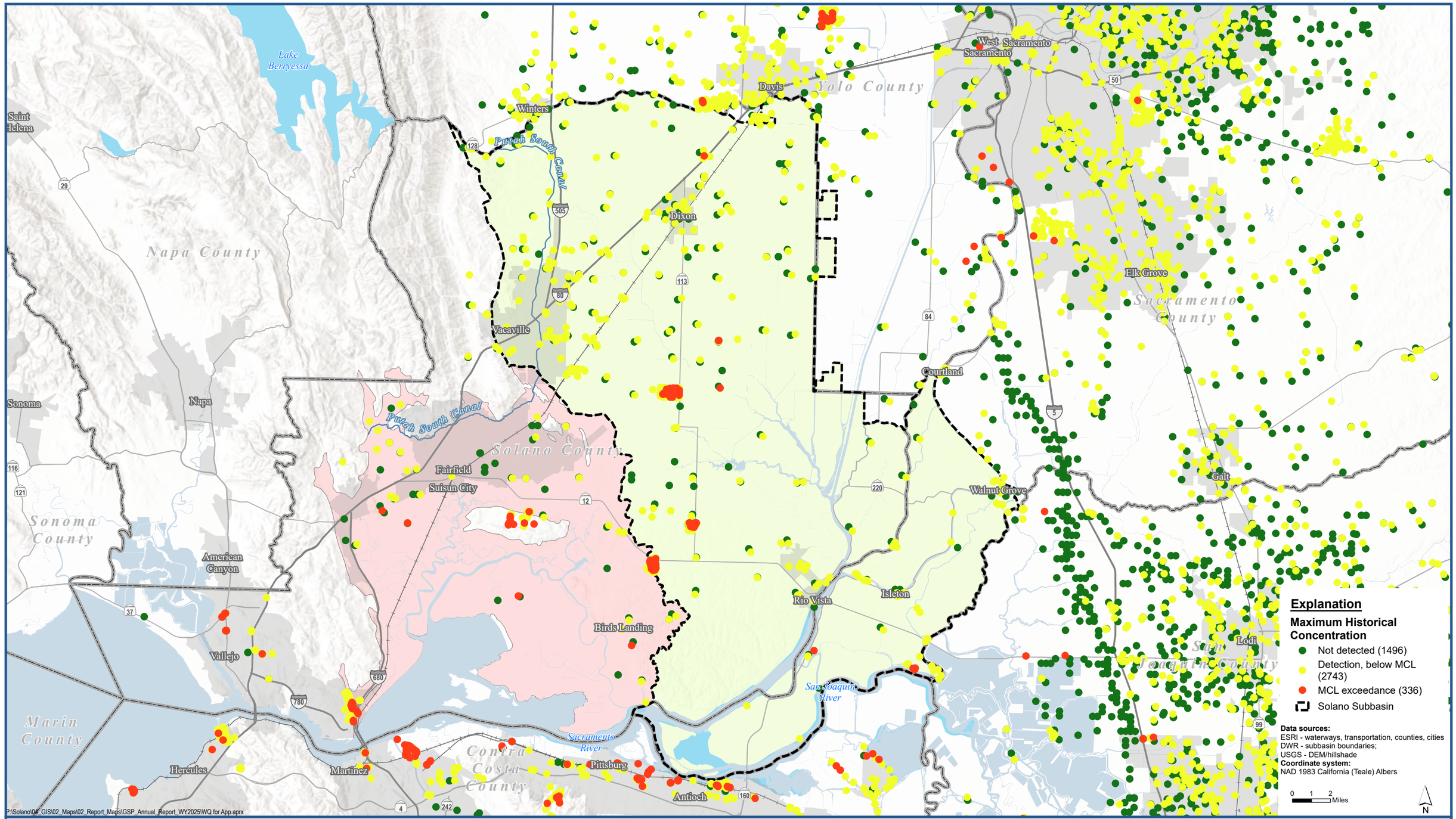


LSCE Team

Maximum Historical Boron Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-5

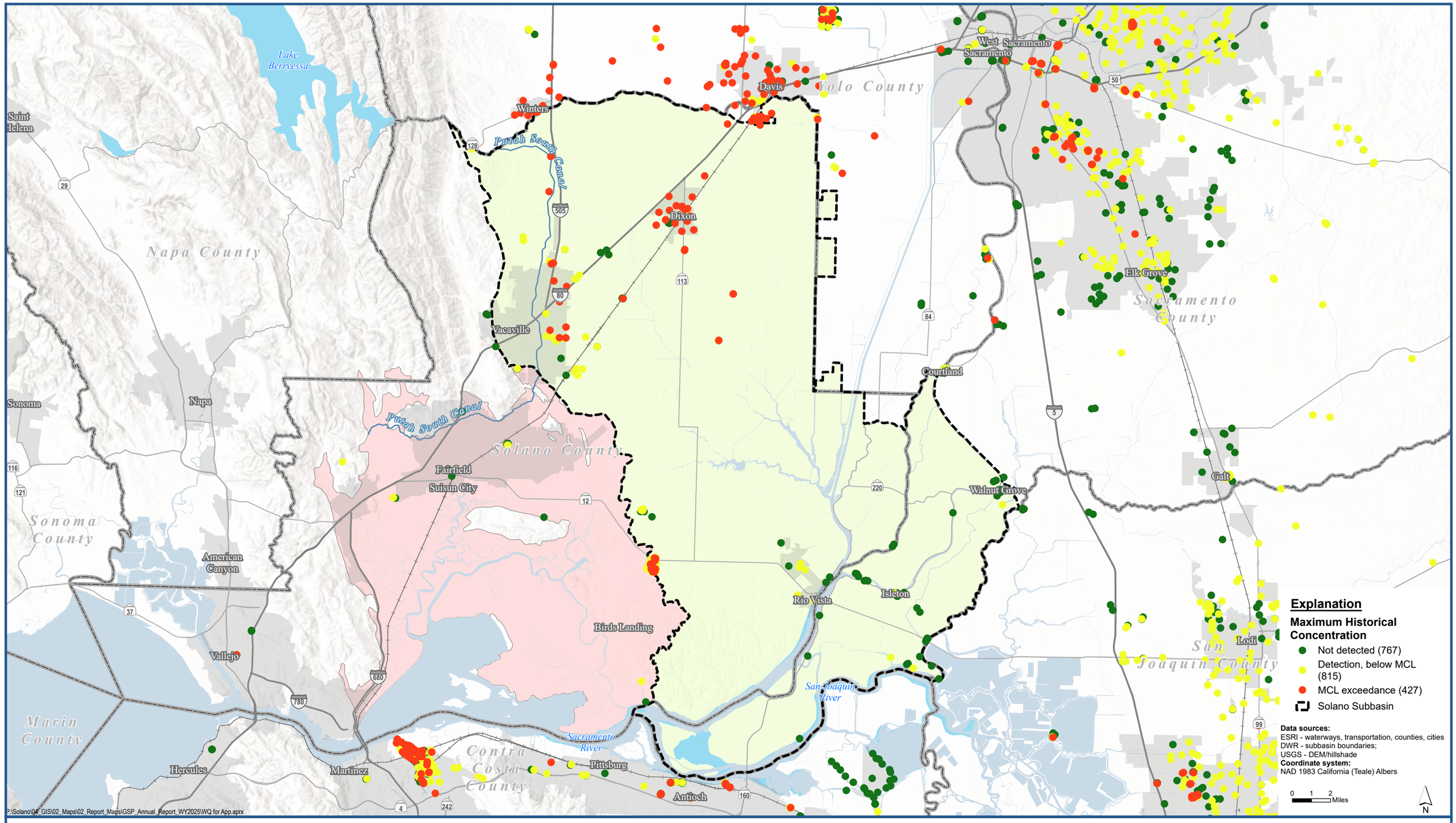


LSCE Team

Maximum Historical Chloride Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-6



Explanation

Maximum Historical Concentration

- Not detected (767)
- Detection, below MCL (815)
- MCL exceedance (427)
- Solano Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

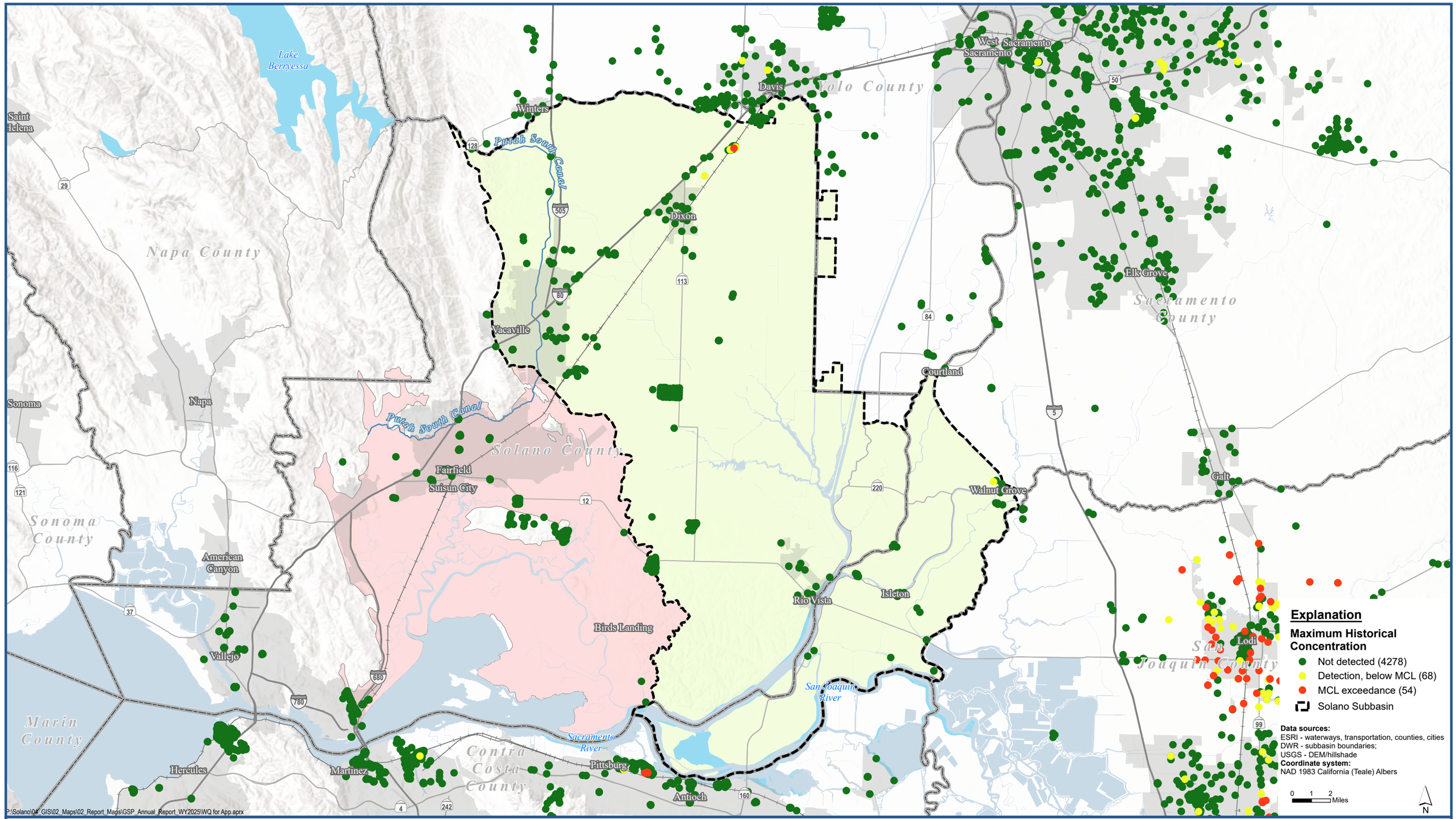
P:\Solano\04_GIS\02_Maps\02_Report_Maps\GSP_Annual_Report_WY2025\WQ for App.aprx

LSCE Team

Maximum Historical Chromium-6 Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-7

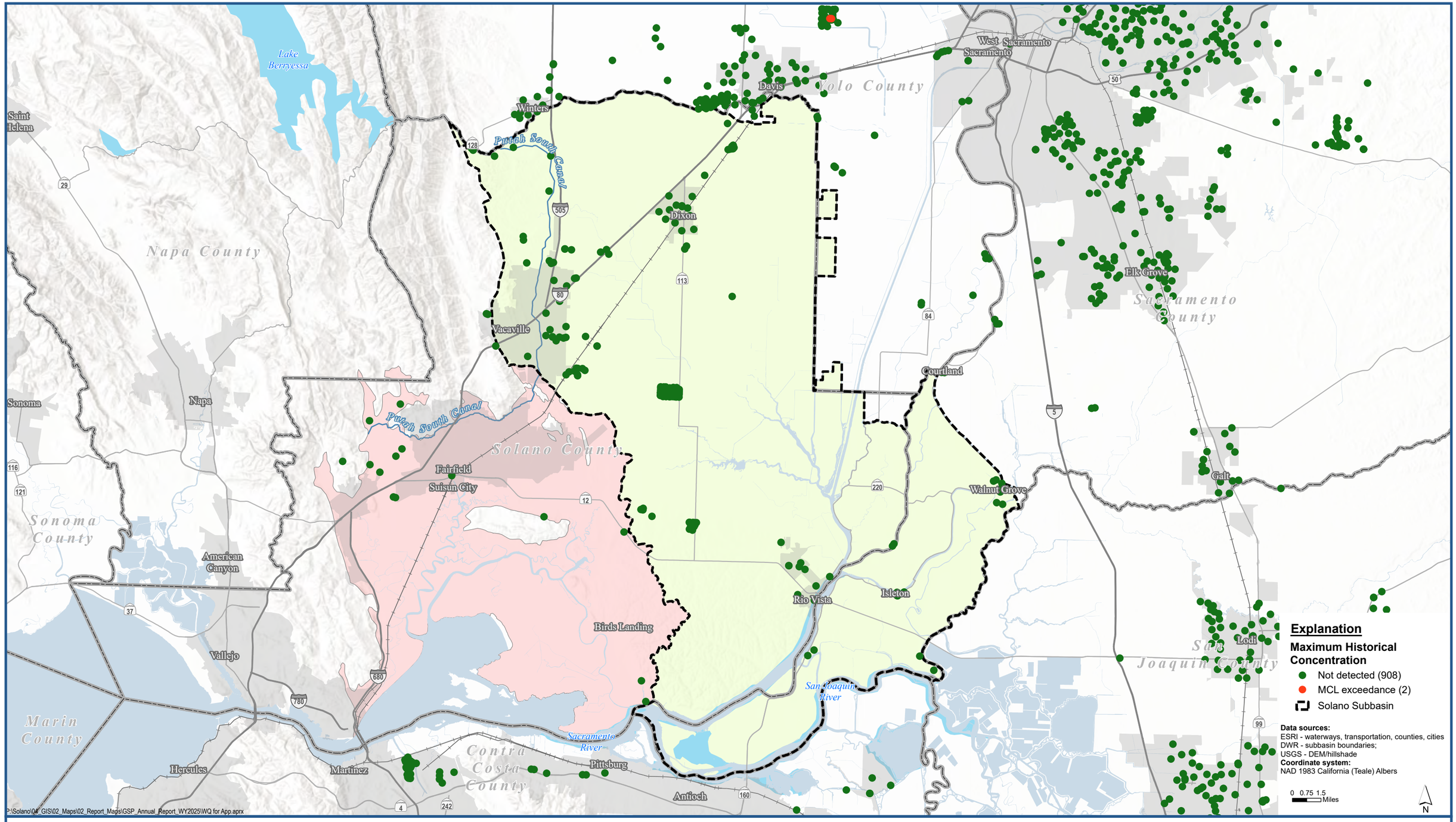


LSCE Team

Maximum Historical Dibromochloropropane Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-8

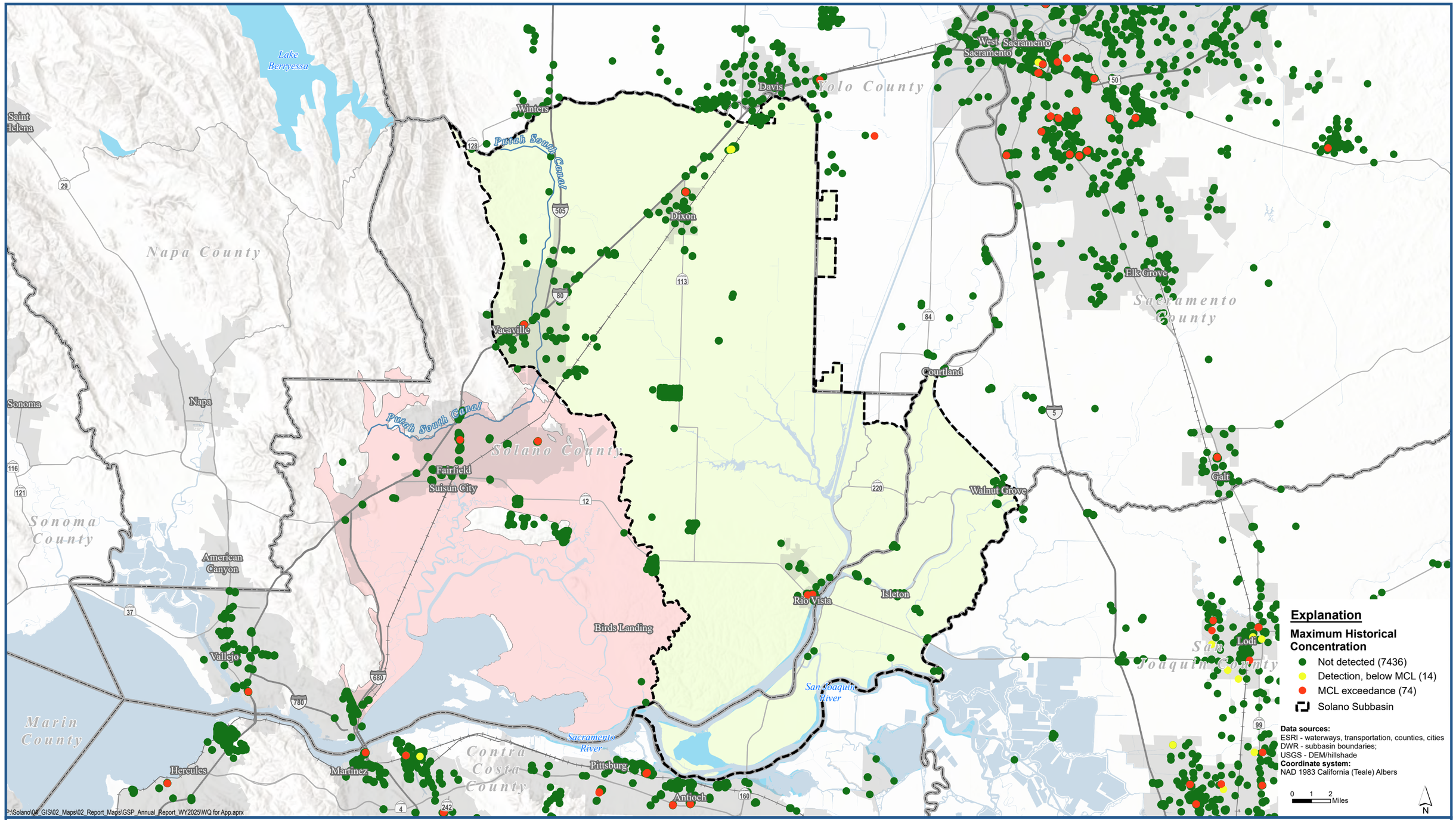


LSCE Team

Maximum Historical Diazinon Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-9

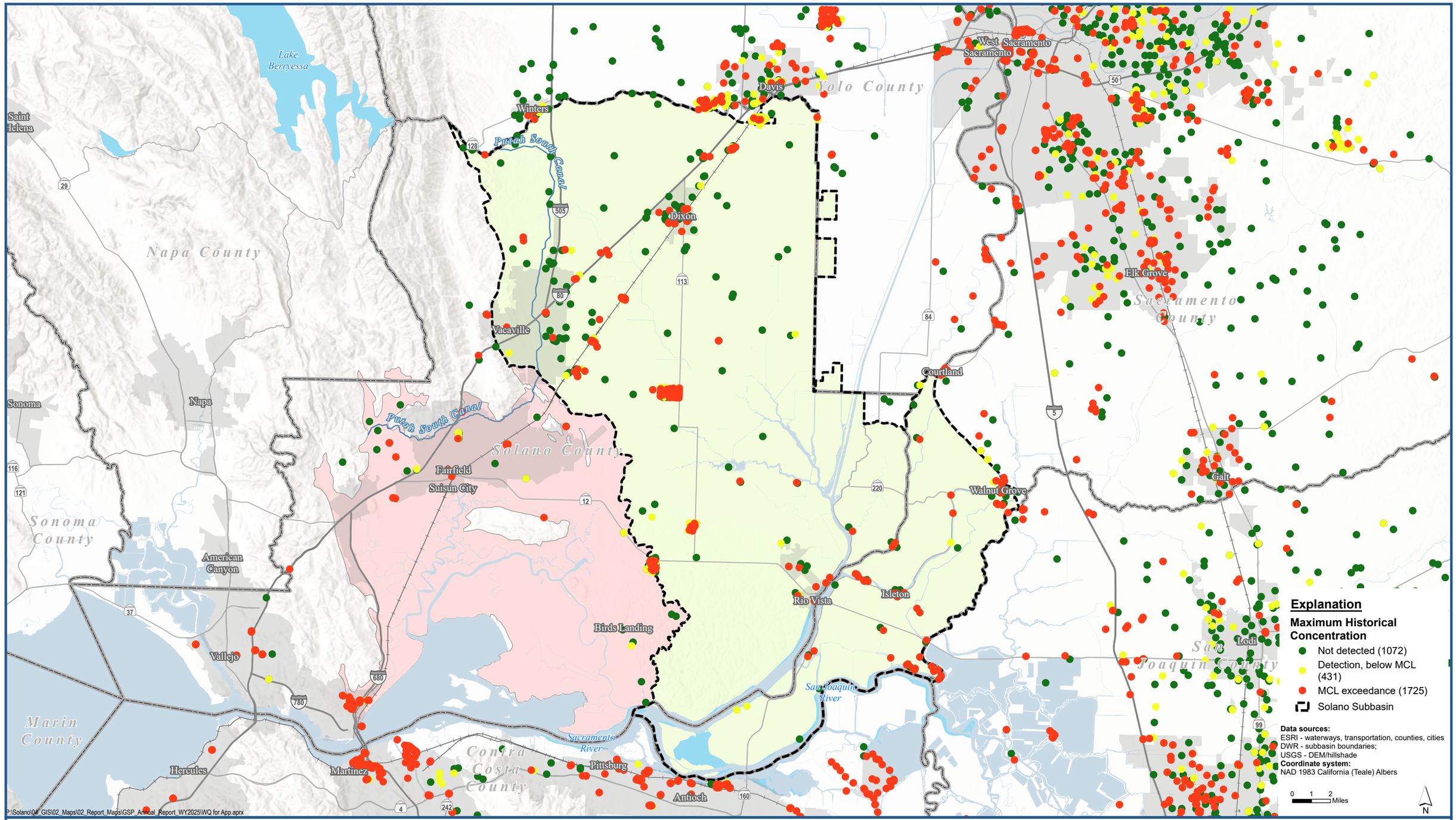


LSCE Team

Maximum Historical Ethylene Dibromide Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-10

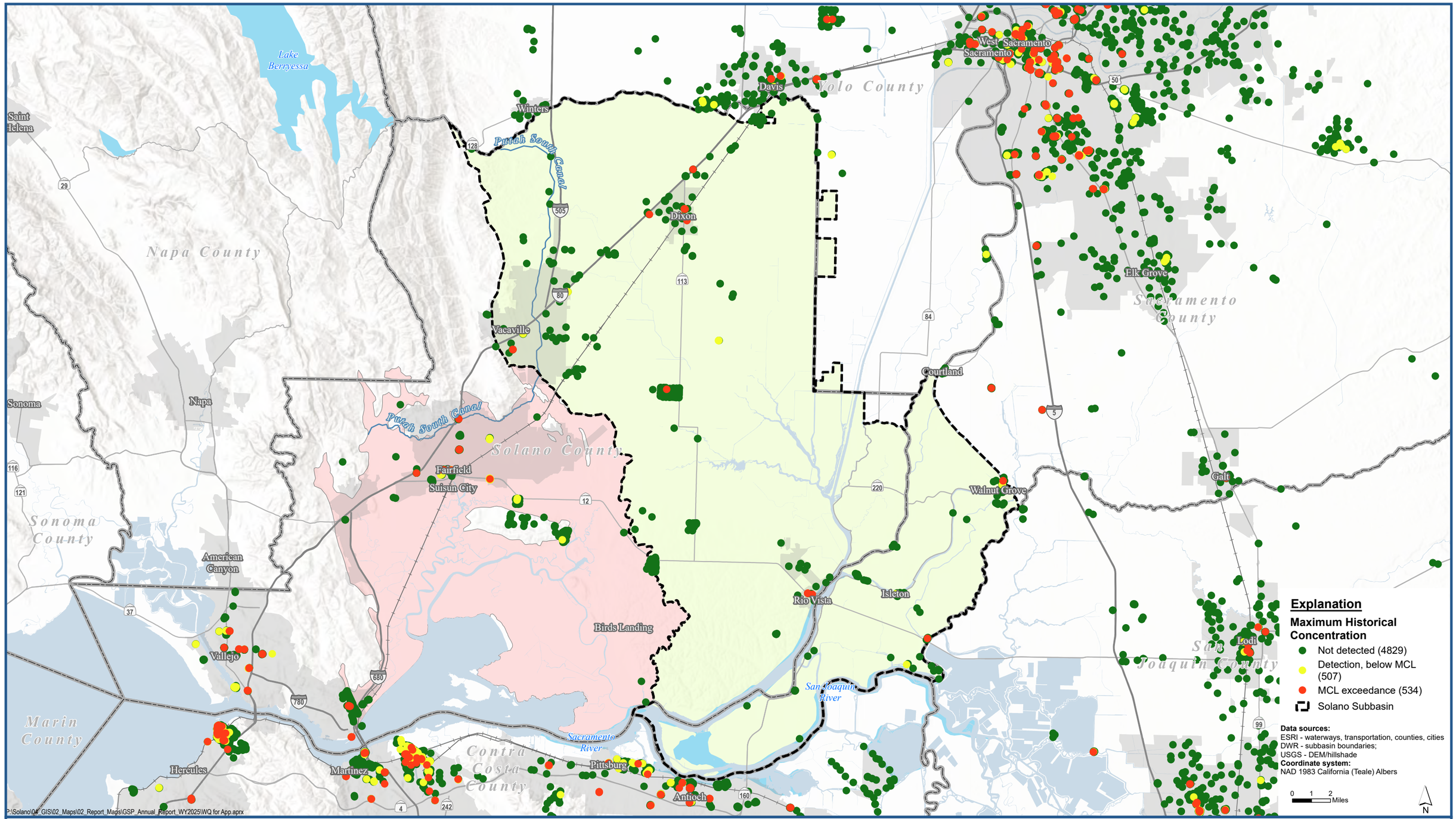


LSCE Team

Maximum Historical Manganese Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-11

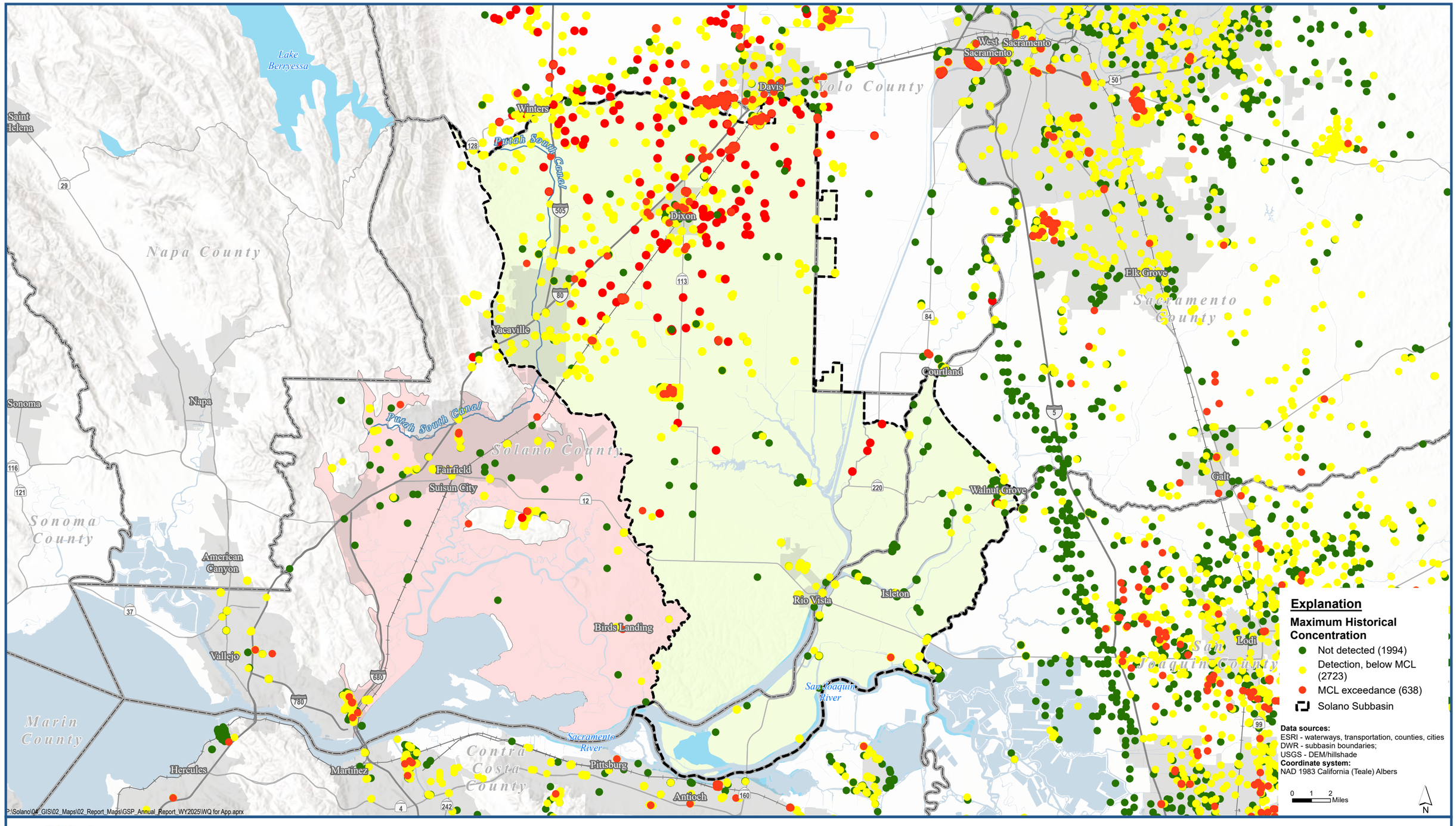


LSCE Team

Maximum Historical Naphthalene Dibromide Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-12

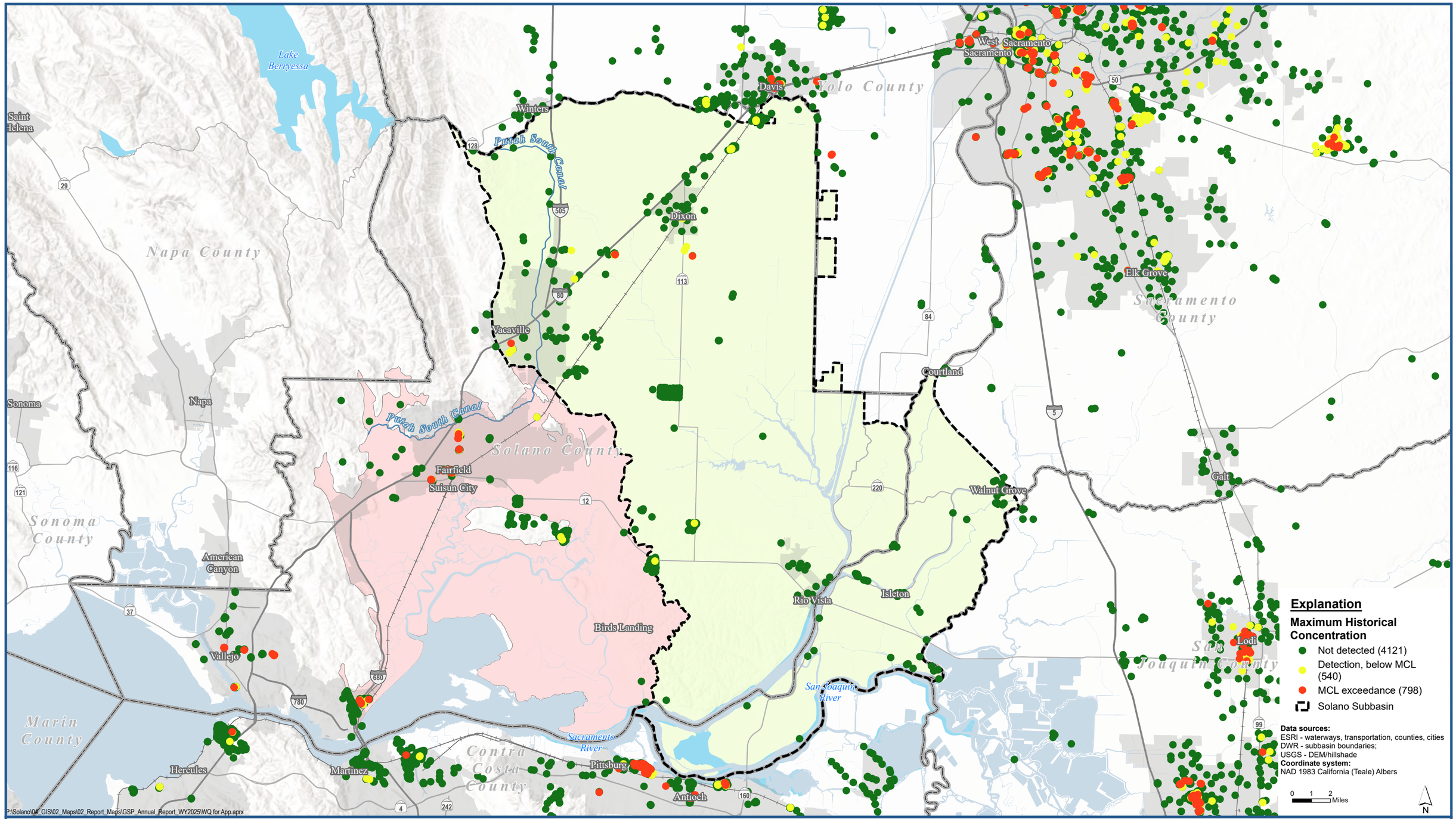


LSCE Team

Maximum Historical Nitrate as Nitrogen Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-13

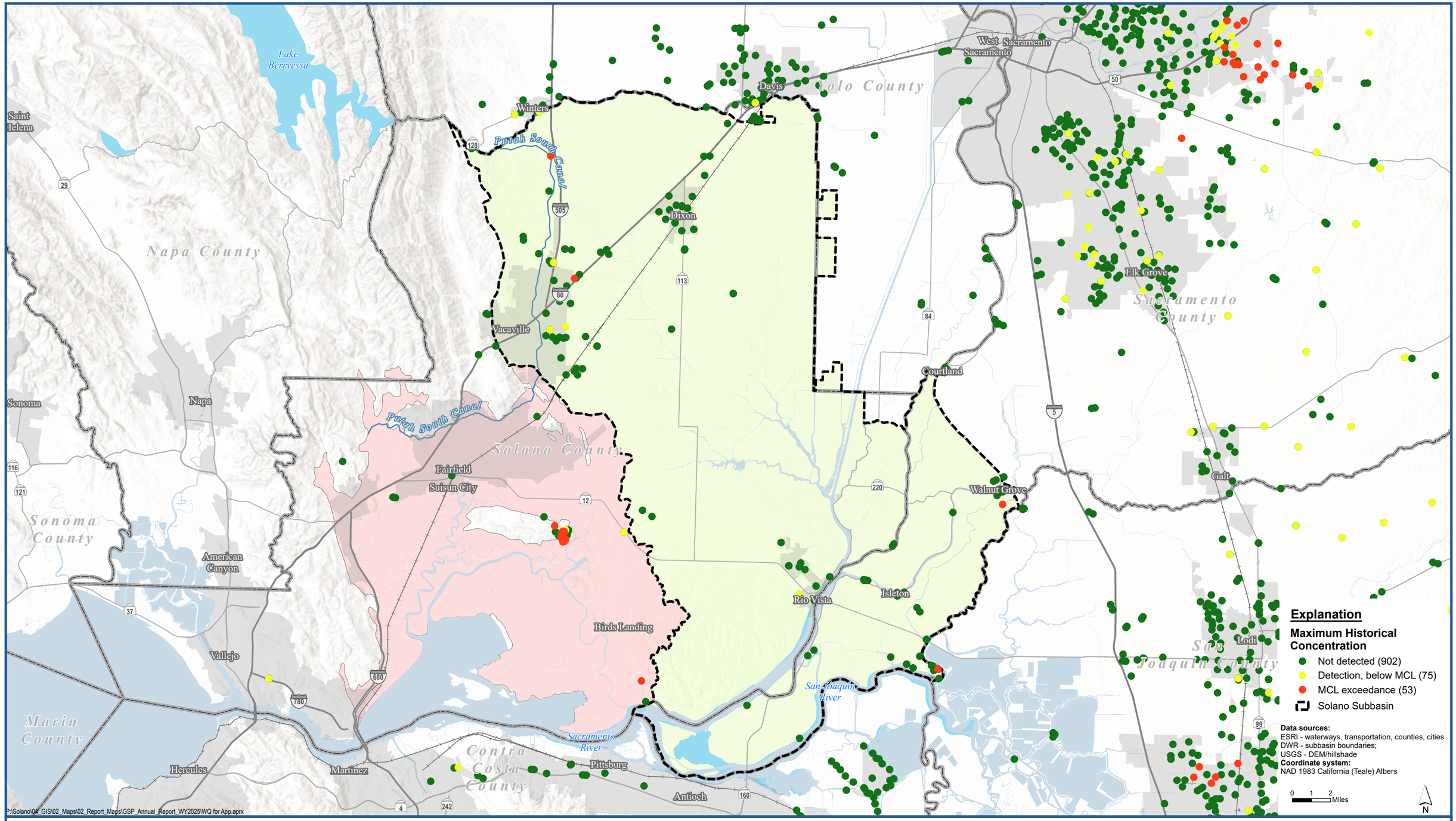


LSCE Team

Maximum Historical Tetrachloroethylene Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-14

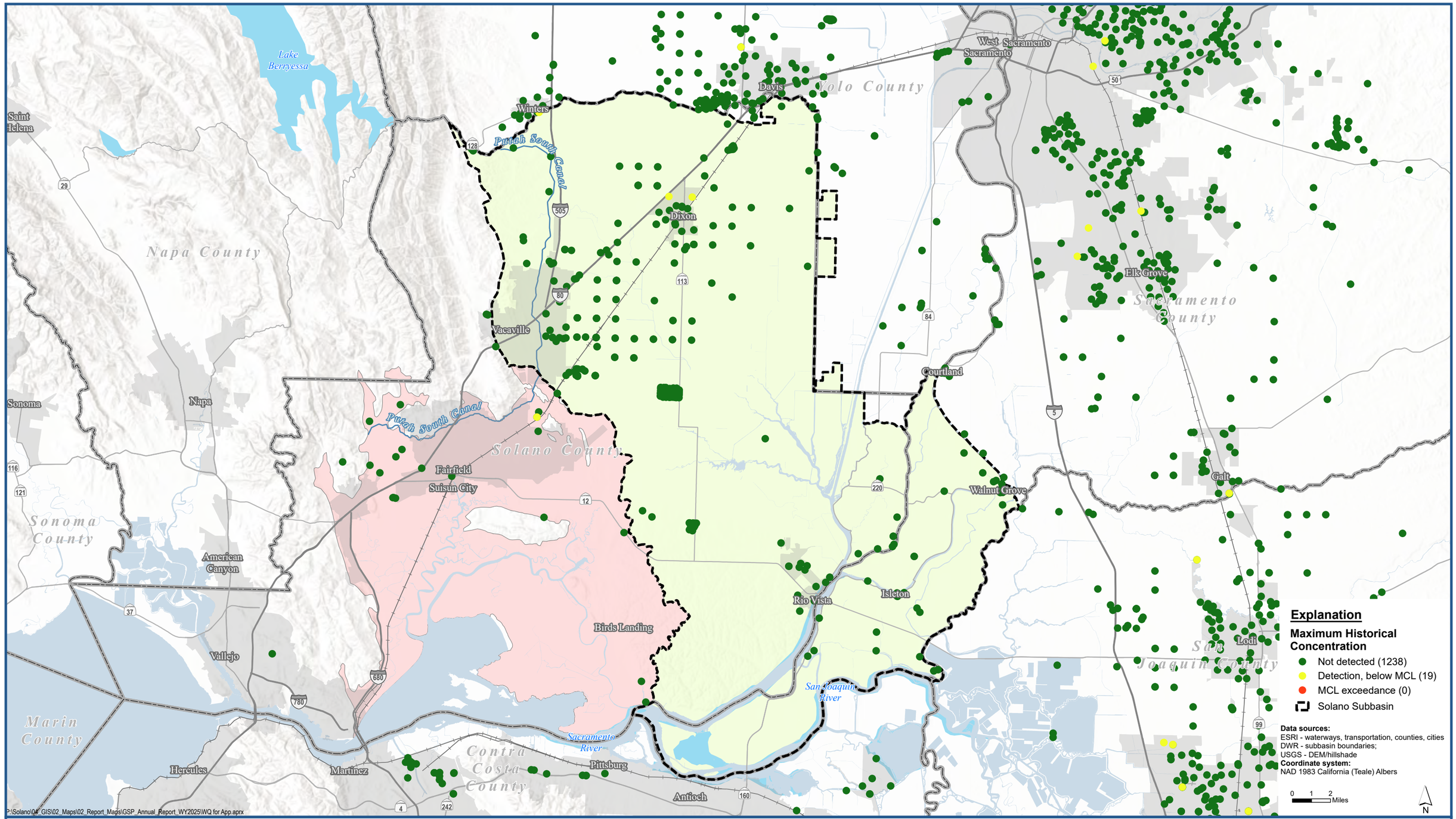


LSCE Team

Maximum Historical Perchlorate Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-15

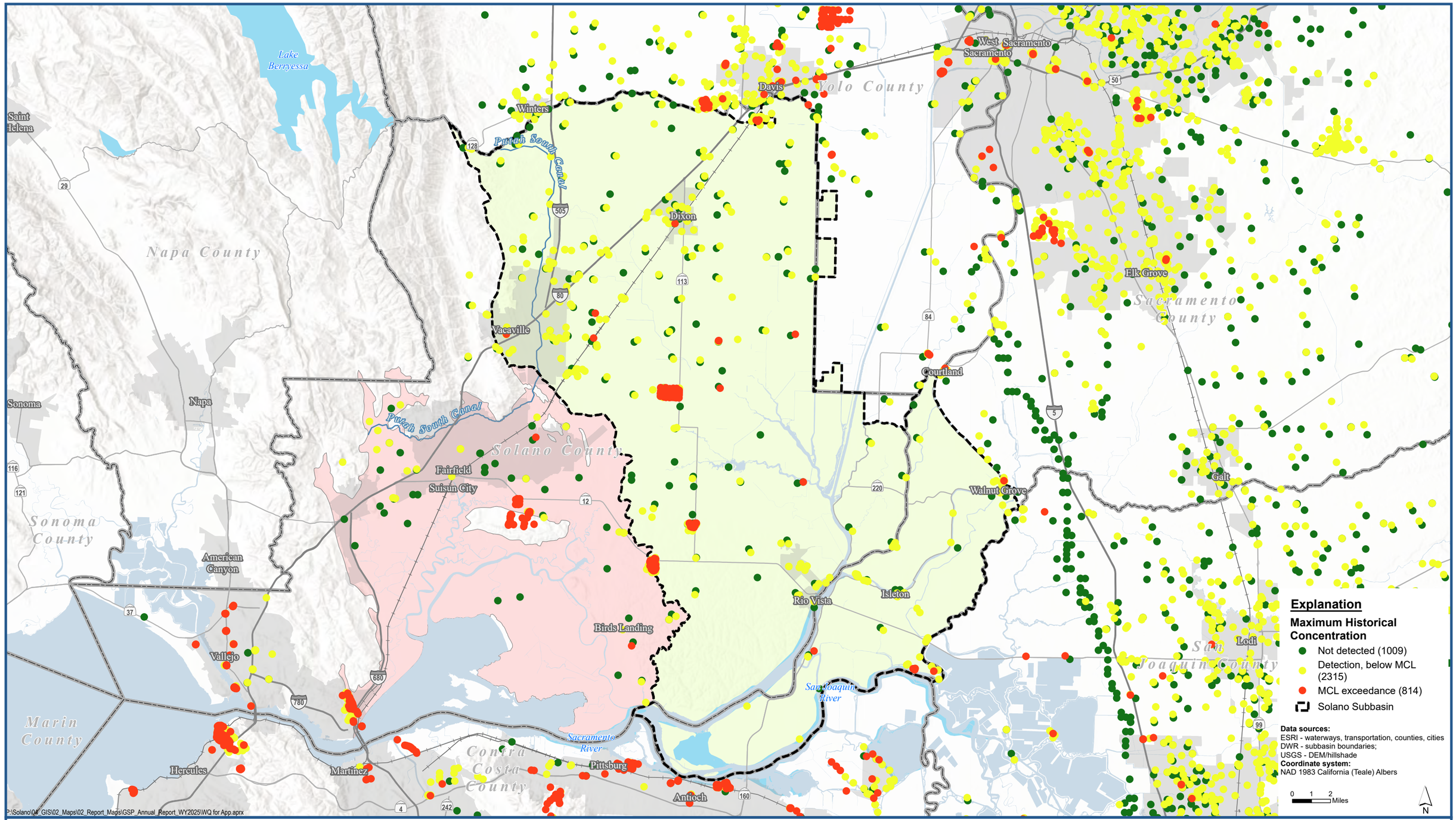


LSCE Team

Maximum Historical Simazine Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-16

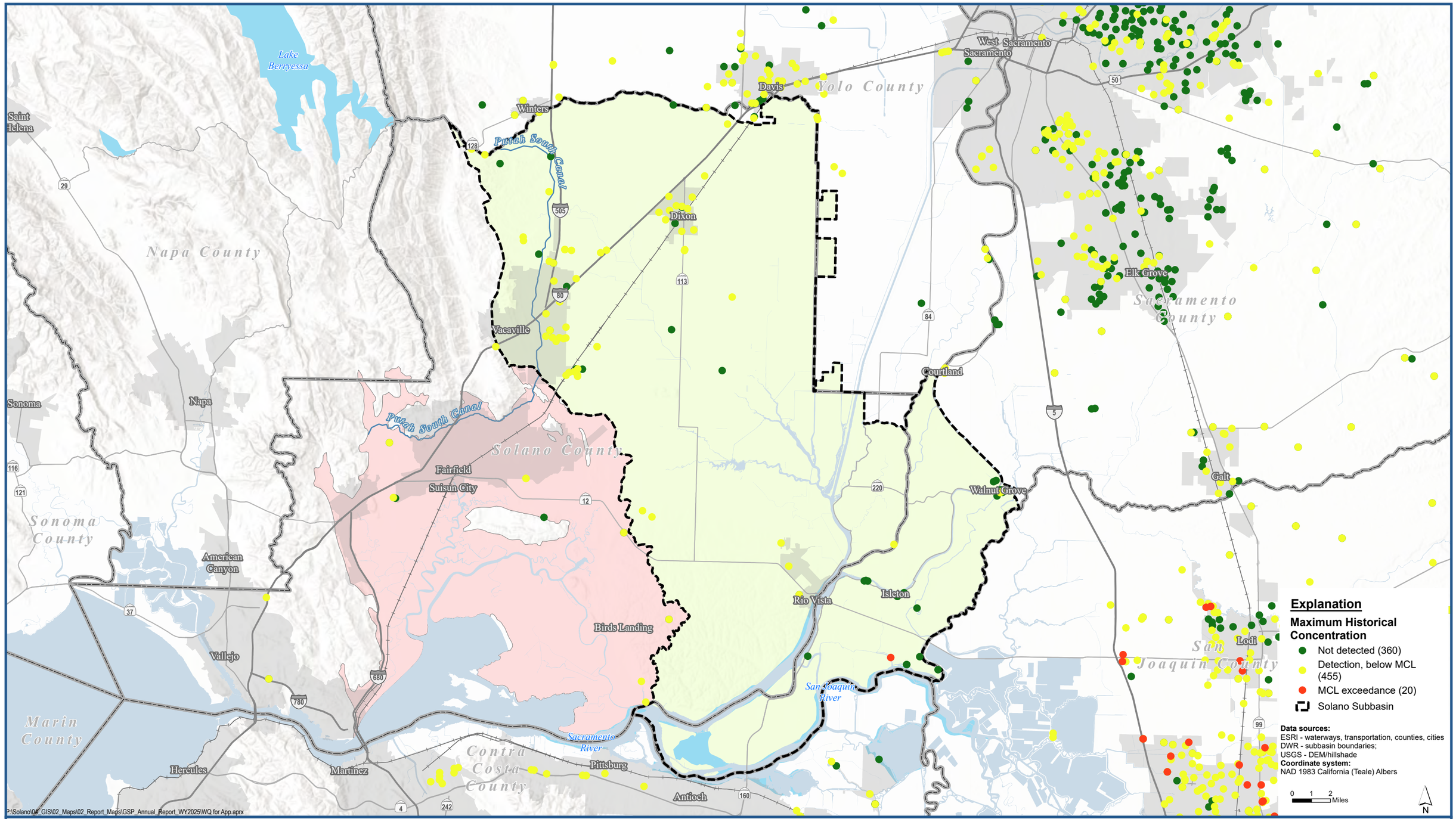


LSCE Team

Maximum Historical TDS Concentrations

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-17



Explanation

Maximum Historical Concentration

- Not detected (360)
- Detection, below MCL (455)
- MCL exceedance (20)
- Solano Subbasin

Data sources:
ESRI - waterways, transportation, counties, cities
DWR - subbasin boundaries;
USGS - DEM/hillshade
Coordinate system:
NAD 1983 California (Teale) Albers

0 1 2 Miles

N

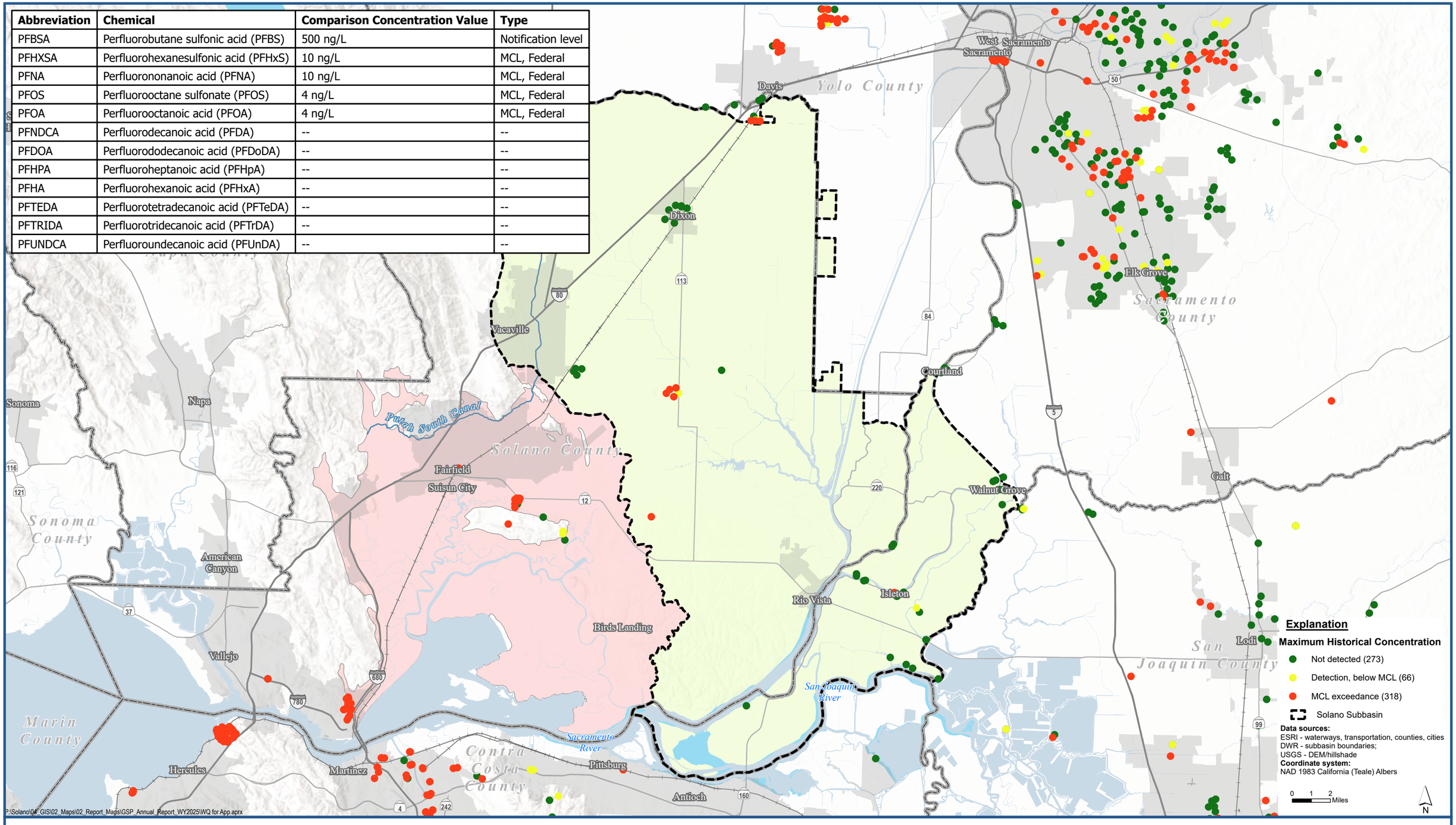
LSCE Team

Maximum Historical Uranium Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-18

Abbreviation	Chemical	Comparison Concentration Value	Type
PFBSA	Perfluorobutane sulfonic acid (PFBS)	500 ng/L	Notification level
PFHXSA	Perfluorohexanesulfonic acid (PFHxS)	10 ng/L	MCL, Federal
PFNA	Perfluorononanoic acid (PFNA)	10 ng/L	MCL, Federal
PFOS	Perfluorooctane sulfonate (PFOS)	4 ng/L	MCL, Federal
PFOA	Perfluorooctanoic acid (PFOA)	4 ng/L	MCL, Federal
PFNDCA	Perfluorodecanoic acid (PFDA)	--	--
PFDOA	Perfluorododecanoic acid (PFDoDA)	--	--
PFHPA	Perfluoroheptanoic acid (PFHpA)	--	--
PFHA	Perfluorohexanoic acid (PFHxA)	--	--
PFTEDA	Perfluorotetradecanoic acid (PFTeDA)	--	--
PFTRIDA	Perfluorotridecanoic acid (PFTrDA)	--	--
PFUNDCA	Perfluoroundecanoic acid (PFUnDA)	--	--



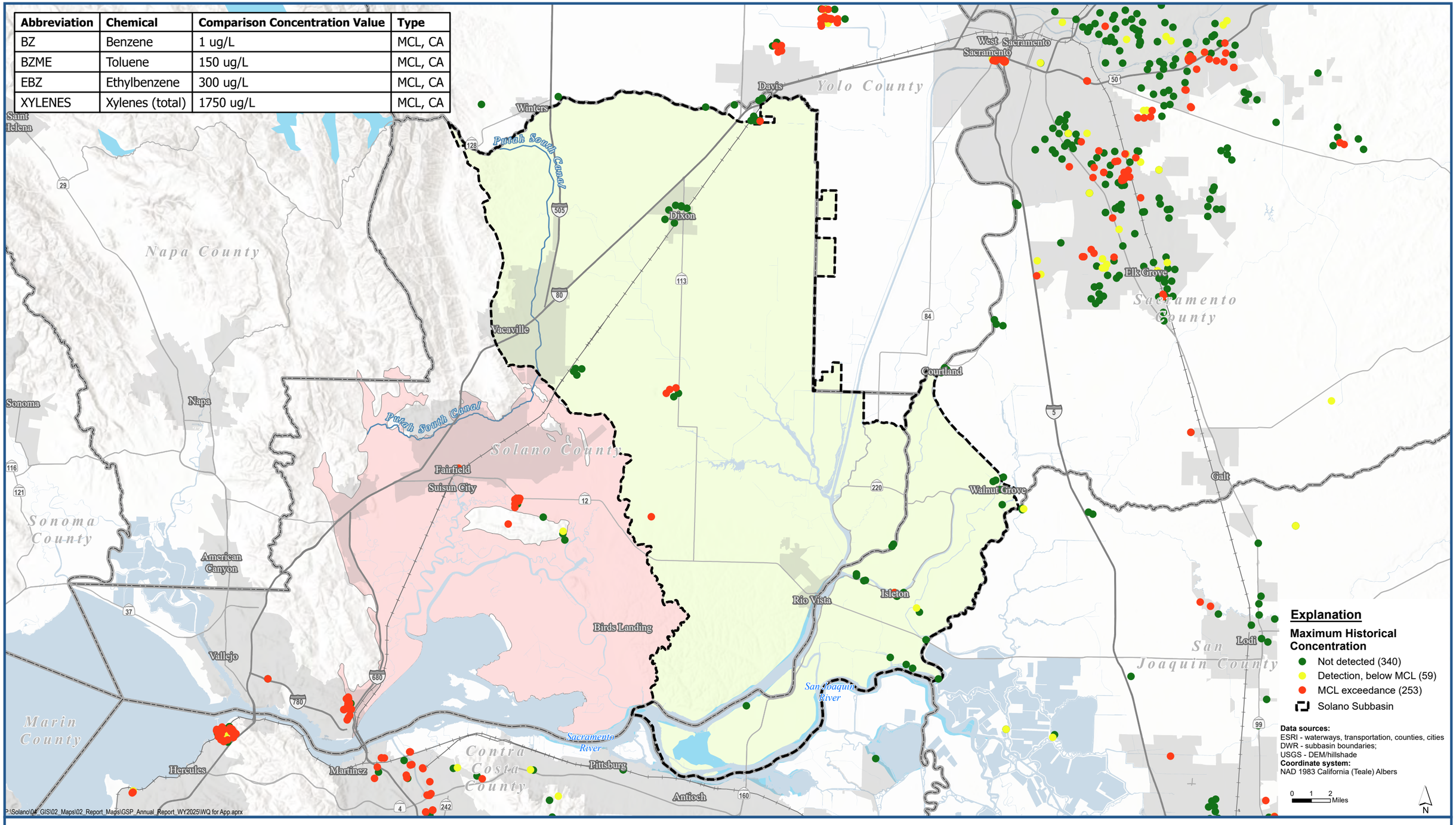
LSCE Team

Maximum Historical Per- and Polyfluoroalkyl Substances Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-19

Abbreviation	Chemical	Comparison Concentration Value	Type
BZ	Benzene	1 ug/L	MCL, CA
BZME	Toluene	150 ug/L	MCL, CA
EBZ	Ethylbenzene	300 ug/L	MCL, CA
XYLENES	Xylenes (total)	1750 ug/L	MCL, CA



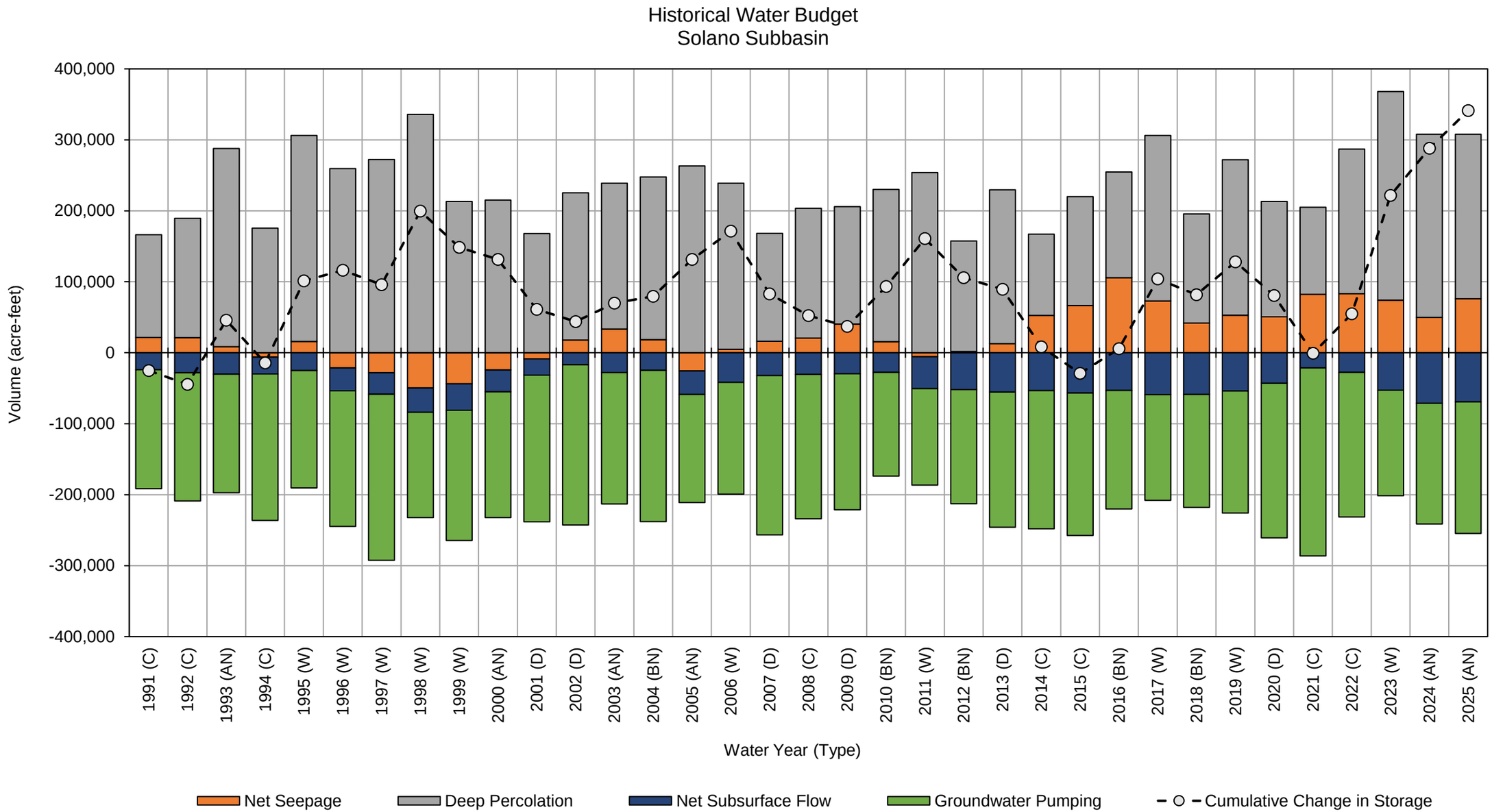
LSCE Team

Maximum Historical BTEX (Benzene, Toluene, Ethylbenzene, Total Xylenes) Concentration

Solano County and Subbasin
Annual Report - Water Year 2025

Appendix D-20

Appendix E SWS Water Budget Components Summaries

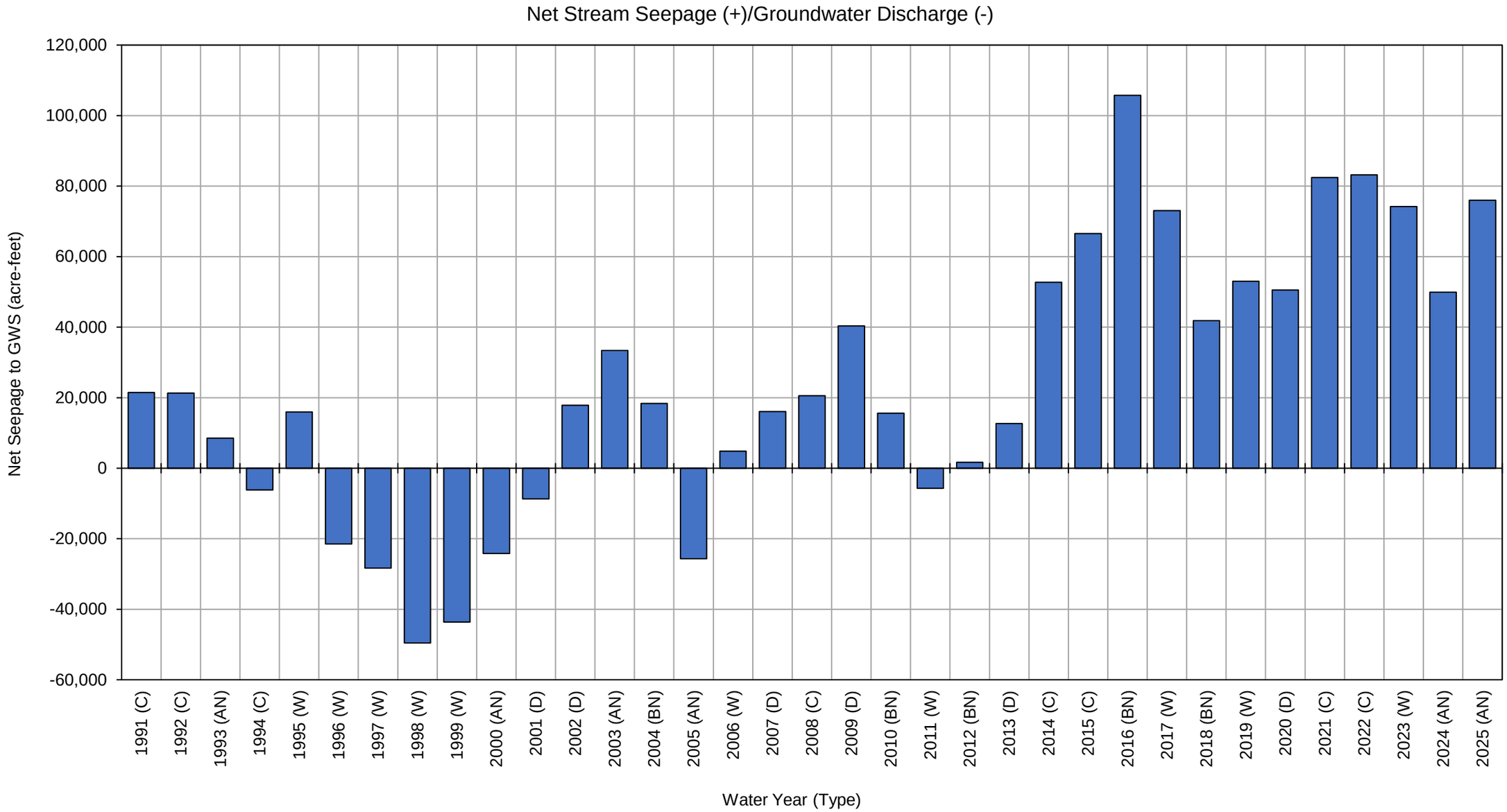

Historical Water Budget
Solano Subbasin
Volume (acre-feet)
400,000
300,000
200,000
100,000
0
-100,000
-200,000
-300,000
-400,000
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
2025 (AN)
Water Year (Type)
Net Seepage
Deep Percolation
Net Subsurface Flow
Groundwater Pumping
Cumulative Change in Storage

Solano Subbasin Historical Water Budget Summary (acre-feet, rounded)

WY (Type)		Total Net Seepage	Deep Percolation	Total Groundwater Extractions	Total Net Subsurface Flows	Annual Change in Groundwater Storage	Cumulative Change in Groundwater Storage
1991 (C)		21,000	140,000	-170,000	-24,000	-25,000	-25,000
1992 (C)		21,000	170,000	-180,000	-28,000	-19,000	-45,000
1993 (AN)		8,500	280,000	-170,000	-30,000	91,000	46,000
1994 (C)		-6,200	180,000	-210,000	-24,000	-60,000	-14,000
1995 (W)		16,000	290,000	-170,000	-25,000	120,000	100,000
1996 (W)		-21,000	260,000	-190,000	-32,000	15,000	120,000
1997 (W)		-28,000	270,000	-230,000	-30,000	-20,000	96,000
1998 (W)		-50,000	340,000	-150,000	-34,000	100,000	200,000
1999 (W)		-44,000	210,000	-180,000	-37,000	-51,000	150,000
2000 (AN)		-24,000	220,000	-180,000	-31,000	-17,000	130,000
2001 (D)		-8,700	170,000	-210,000	-23,000	-70,000	61,000
2002 (D)		18,000	210,000	-230,000	-17,000	-17,000	44,000
2003 (AN)		33,000	210,000	-190,000	-28,000	26,000	70,000
2004 (BN)		18,000	230,000	-210,000	-25,000	9,600	79,000
2005 (AN)		-26,000	260,000	-150,000	-33,000	52,000	130,000
2006 (W)		4,800	230,000	-160,000	-42,000	40,000	170,000
2007 (D)		16,000	150,000	-220,000	-32,000	-88,000	83,000
2008 (C)		21,000	180,000	-200,000	-30,000	-31,000	52,000
2009 (D)		40,000	170,000	-190,000	-30,000	-15,000	37,000
2010 (BN)		16,000	210,000	-150,000	-28,000	56,000	93,000
2011 (W)		-5,700	250,000	-140,000	-45,000	68,000	160,000
2012 (BN)		1,700	160,000	-160,000	-52,000	-55,000	110,000
2013 (D)		13,000	220,000	-190,000	-55,000	-16,000	89,000
2014 (C)		53,000	110,000	-190,000	-53,000	-81,000	8,300
2015 (C)		67,000	150,000	-200,000	-57,000	-37,000	-29,000
2016 (BN)		110,000	150,000	-170,000	-53,000	35,000	5,700
2017 (W)		73,000	230,000	-150,000	-59,000	98,000	100,000
2018 (BN)		42,000	150,000	-160,000	-59,000	-22,000	82,000
2019 (W)		53,000	220,000	-170,000	-54,000	46,000	130,000
2020 (D)		51,000	160,000	-220,000	-43,000	-47,000	81,000
2021 (C)		82,000	120,000	-260,000	-21,000	-81,000	-670
2022 (C)		83,000	200,000	-200,000	-28,000	56,000	55,000
2023 (W)		74,000	290,000	-150,000	-53,000	170,000	220,000
2024 (AN)		50,000	260,000	-170,000	-71,000	67,000	290,000
2025 (AN)		76,000	230,000	-190,000	-69,000	53,000	340,000
Average (1991-2025)		24,000	210,000	-180,000	-39,000	9,800	
1991-2025	W	7,200	260,000	-170,000	-41,000	58,000	
	AN	20,000	240,000	-170,000	-44,000	45,000	
	BN	37,000	180,000	-170,000	-43,000	4,700	
	D	21,000	180,000	-210,000	-33,000	-42,000	
	C	43,000	160,000	-200,000	-33,000	-35,000	

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

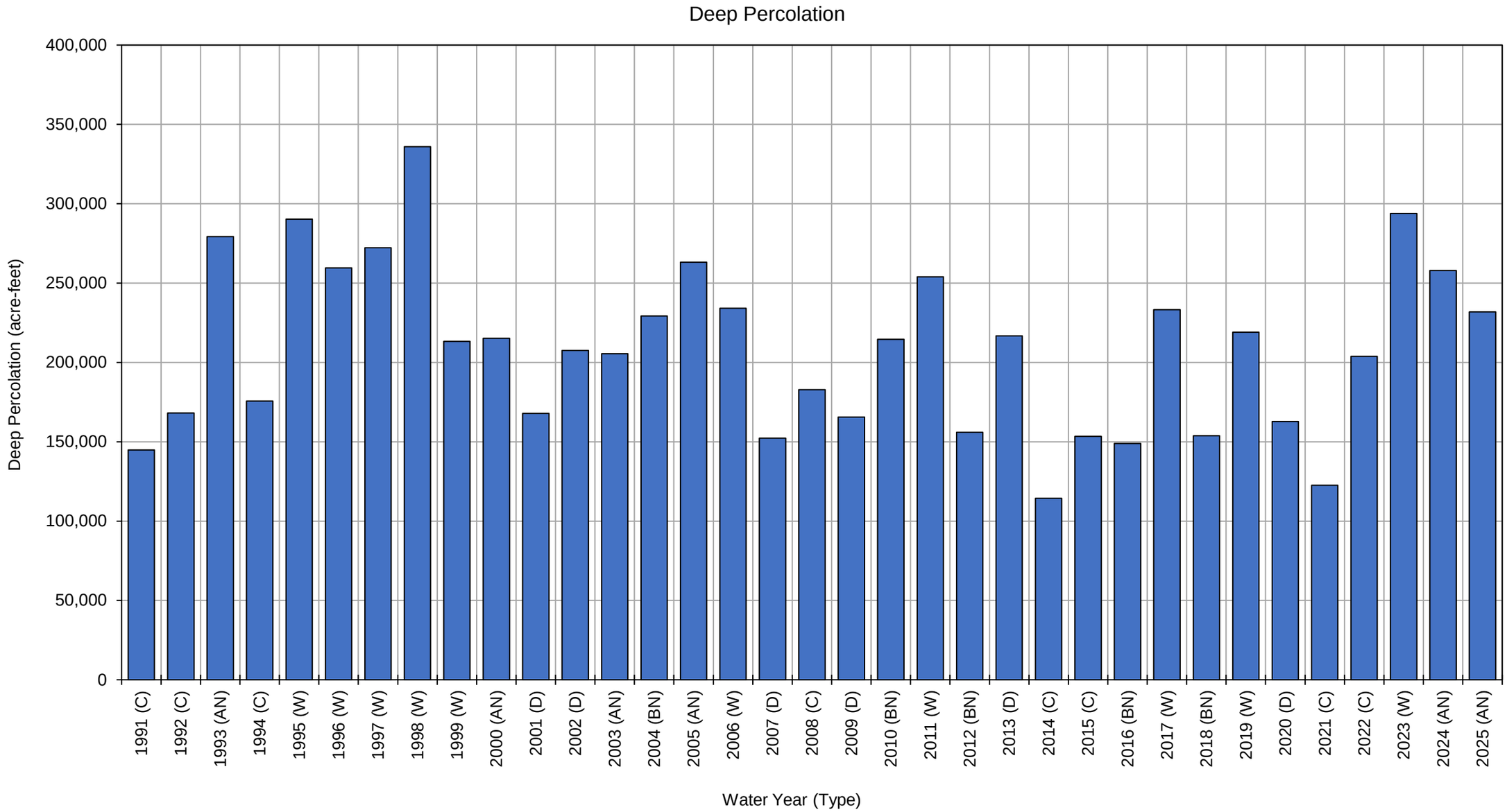

Net Stream Seepage (+)/Groundwater Discharge (-)
Net Seepage to GWS (acre-feet)
120,000
100,000
80,000
60,000
40,000
20,000
0
-20,000
-40,000
-60,000
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
2025 (AN)
Water Year (Type)

Solano Subbasin Historical Net Stream Seepage (net flows as acre-feet, rounded)

WY (Type)		Total Net Seepage from Surface Waterways and Canals
1991 (C)		21,000
1992 (C)		21,000
1993 (AN)		8,500
1994 (C)		-6,200
1995 (W)		16,000
1996 (W)		-21,000
1997 (W)		-28,000
1998 (W)		-50,000
1999 (W)		-44,000
2000 (AN)		-24,000
2001 (D)		-8,700
2002 (D)		18,000
2003 (AN)		33,000
2004 (BN)		18,000
2005 (AN)		-26,000
2006 (W)		4,800
2007 (D)		16,000
2008 (C)		21,000
2009 (D)		40,000
2010 (BN)		16,000
2011 (W)		-5,700
2012 (BN)		1,700
2013 (D)		13,000
2014 (C)		53,000
2015 (C)		67,000
2016 (BN)		110,000
2017 (W)		73,000
2018 (BN)		42,000
2019 (W)		53,000
2020 (D)		51,000
2021 (C)		82,000
2022 (C)		83,000
2023 (W)		74,000
2024 (AN)		50,000
2025 (AN)		76,000
Average (1991-2025)		24,000
1991-2025	W	7,200
	AN	20,000
	BN	37,000
	D	21,000
	C	43,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

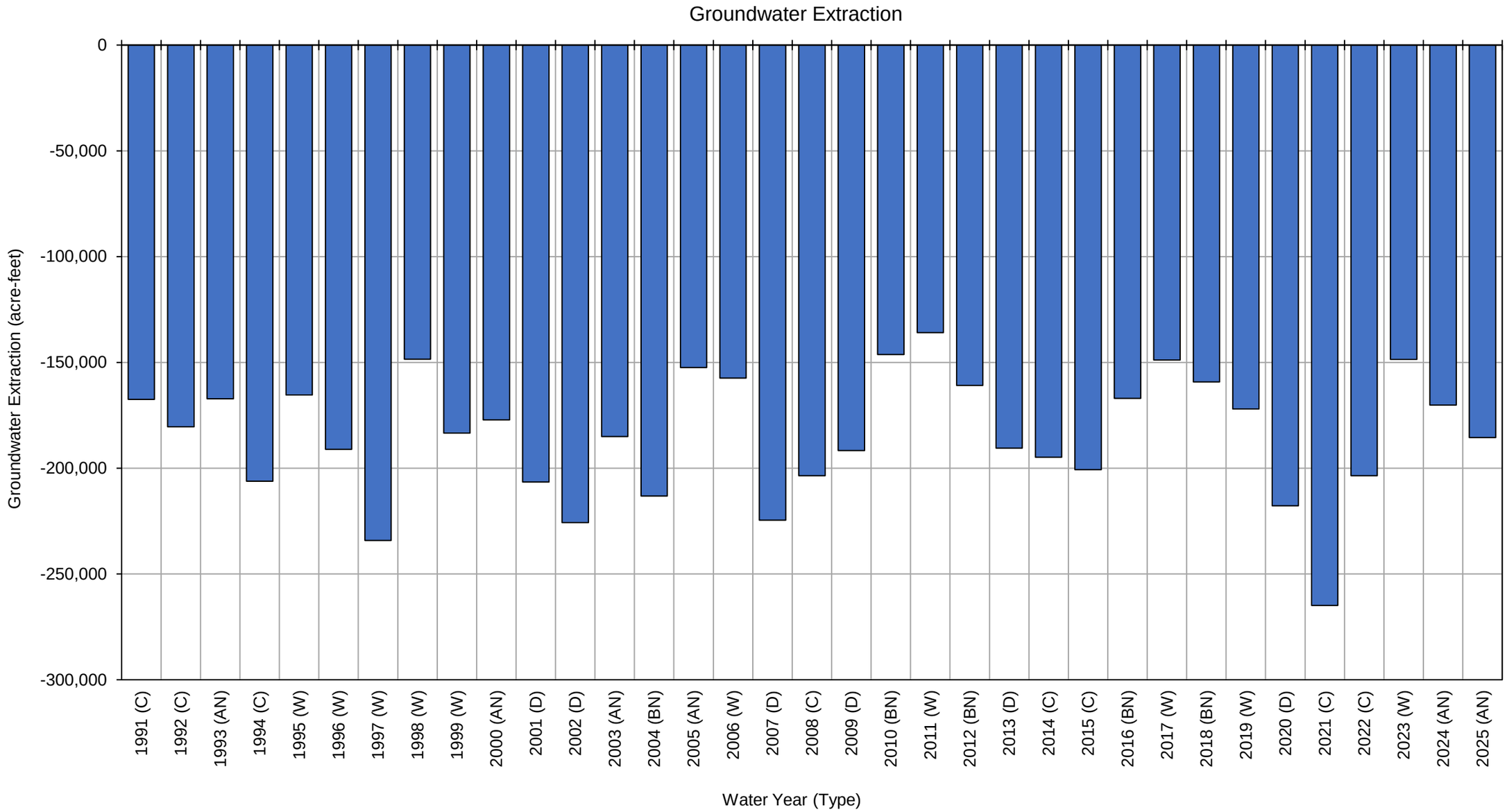

Deep Percolation
Deep Percolation (acre-feet)
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
2025 (AN)
Water Year (Type)

Solano Subbasin Historical Deep Percolation from the SWS (acre-feet, rounded)

WY (Type)	Deep Percolation from the SWS
1991 (C)	140,000
1992 (C)	170,000
1993 (AN)	280,000
1994 (C)	180,000
1995 (W)	290,000
1996 (W)	260,000
1997 (W)	270,000
1998 (W)	340,000
1999 (W)	210,000
2000 (AN)	220,000
2001 (D)	170,000
2002 (D)	210,000
2003 (AN)	210,000
2004 (BN)	230,000
2005 (AN)	260,000
2006 (W)	230,000
2007 (D)	150,000
2008 (C)	180,000
2009 (D)	170,000
2010 (BN)	210,000
2011 (W)	250,000
2012 (BN)	160,000
2013 (D)	220,000
2014 (C)	110,000
2015 (C)	150,000
2016 (BN)	150,000
2017 (W)	230,000
2018 (BN)	150,000
2019 (W)	220,000
2020 (D)	160,000
2021 (C)	120,000
2022 (C)	200,000
2023 (W)	290,000
2024 (AN)	260,000
2025 (AN)	230,000
Average (1991-2025)	210,000
1991-2025 W	260,000
1991-2025 AN	240,000
1991-2025 BN	180,000
1991-2025 D	180,000
1991-2025 C	160,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



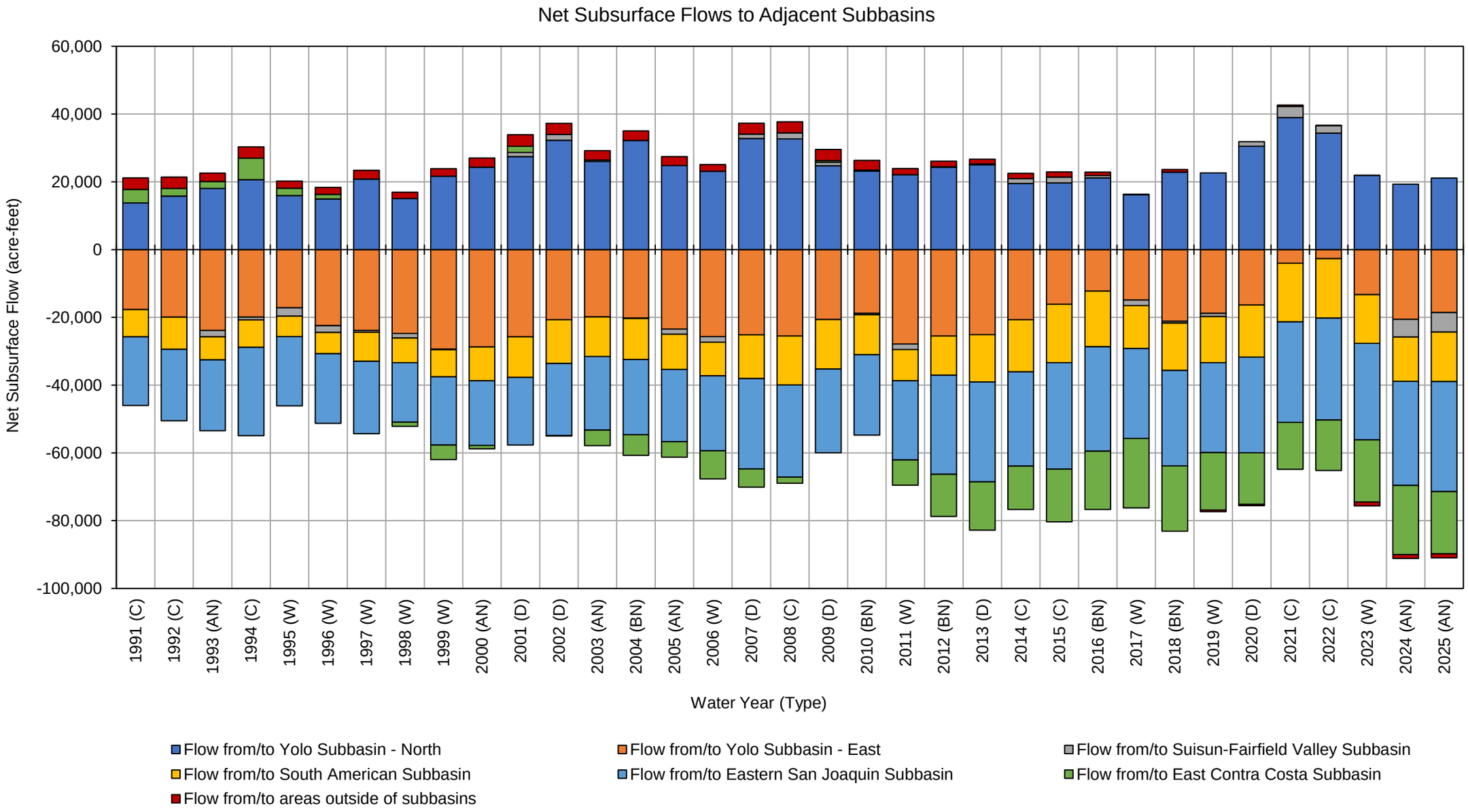
Solano IHM - Historical

Solano Subbasin Historical Groundwater Extractions (acre-feet, rounded)

WY (Type)	Groundwater Pumping
1991 (C)	-170,000
1992 (C)	-180,000
1993 (AN)	-170,000
1994 (C)	-210,000
1995 (W)	-170,000
1996 (W)	-190,000
1997 (W)	-230,000
1998 (W)	-150,000
1999 (W)	-180,000
2000 (AN)	-180,000
2001 (D)	-210,000
2002 (D)	-230,000
2003 (AN)	-190,000
2004 (BN)	-210,000
2005 (AN)	-150,000
2006 (W)	-160,000
2007 (D)	-220,000
2008 (C)	-200,000
2009 (D)	-190,000
2010 (BN)	-150,000
2011 (W)	-140,000
2012 (BN)	-160,000
2013 (D)	-190,000
2014 (C)	-190,000
2015 (C)	-200,000
2016 (BN)	-170,000
2017 (W)	-150,000
2018 (BN)	-160,000
2019 (W)	-170,000
2020 (D)	-220,000
2021 (C)	-260,000
2022 (C)	-200,000
2023 (W)	-150,000
2024 (AN)	-170,000
2025 (AN)	-190,000
Average (1991-2025)	-180,000
1991-2025 W	-170,000
1991-2025 AN	-170,000
1991-2025 BN	-170,000
1991-2025 D	-210,000
1991-2025 C	-200,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



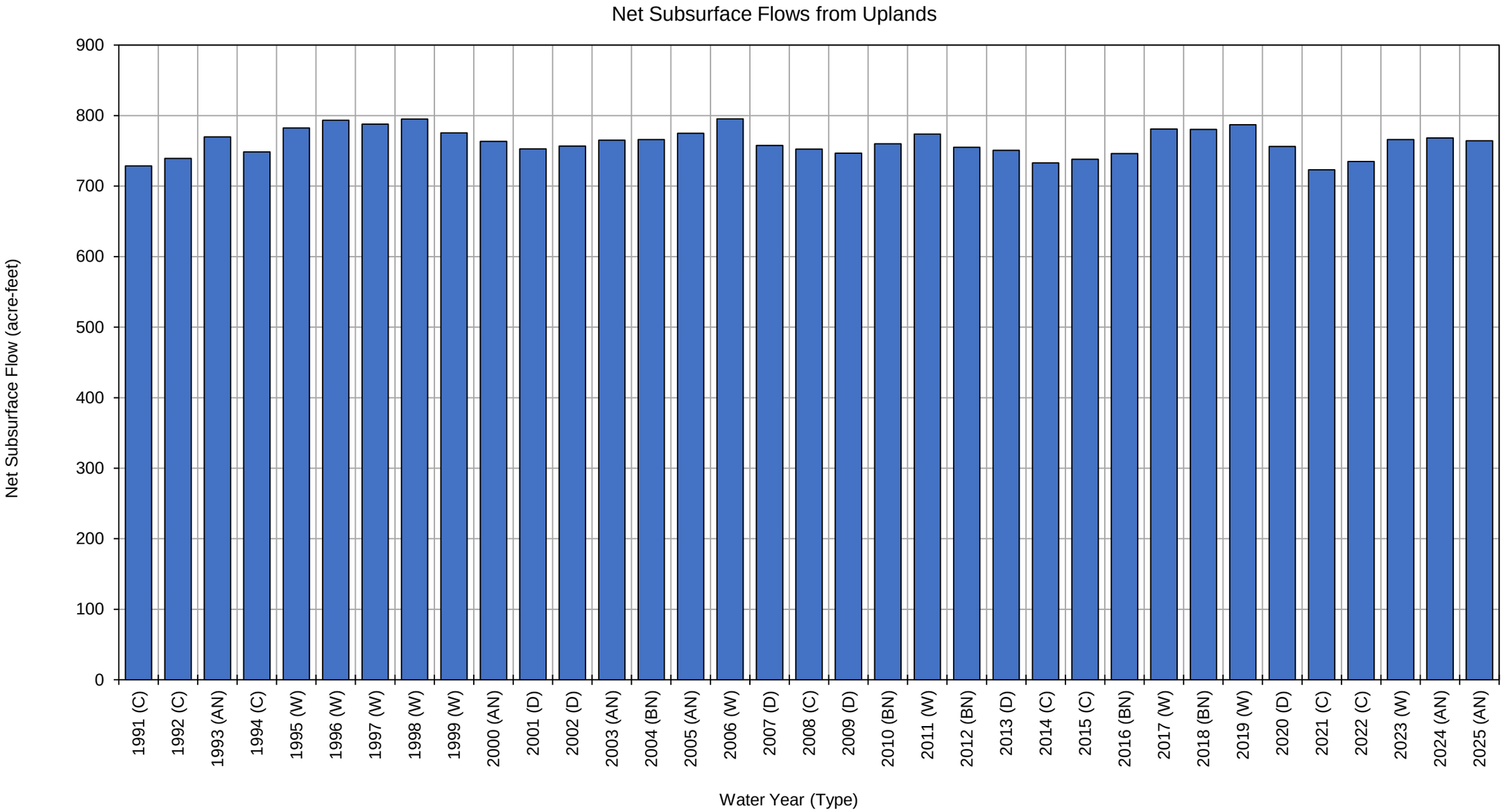
Solano IHM - Historical

Solano Subbasin Historical Lateral Subsurface Groundwater Flows Between Adjacent Subbasins (net flows as acre-feet, rounded)

WY (Type)	Flow from/to Yolo Subbasin - North	Flow from/to Yolo Subbasin - East	Flow from/to Suisun-Fairfield Valley Subbasin	Flow from/to South American Subbasin	Flow from/to Eastern San Joaquin Subbasin	Flow from/to East Contra Costa Subbasin	Flow from/to outside subbasins	Net Subsurface Flow from Adjacent Subbasins
1991 (C)	14,000	-18,000	30	-8,000	-20,000	4,000	3,400	-25,000
1992 (C)	16,000	-20,000	86	-9,500	-21,000	2,200	3,400	-29,000
1993 (AN)	18,000	-24,000	-1,900	-6,800	-21,000	2,000	2,500	-31,000
1994 (C)	21,000	-20,000	-860	-8,100	-26,000	6,400	3,300	-24,000
1995 (W)	16,000	-17,000	-2,500	-6,100	-20,000	2,200	2,100	-25,000
1996 (W)	15,000	-22,000	-2,000	-6,300	-21,000	1,300	2,100	-33,000
1997 (W)	21,000	-24,000	-530	-8,600	-21,000	34	2,600	-30,000
1998 (W)	15,000	-25,000	-1,300	-7,200	-18,000	-1,200	1,900	-36,000
1999 (W)	22,000	-29,000	-180	-8,000	-20,000	-4,300	2,200	-37,000
2000 (AN)	24,000	-29,000	54	-10,000	-19,000	-970	2,700	-32,000
2001 (D)	27,000	-26,000	1,200	-12,000	-20,000	1,800	3,400	-25,000
2002 (D)	32,000	-21,000	1,700	-13,000	-21,000	-19	3,300	-18,000
2003 (AN)	26,000	-20,000	410	-12,000	-22,000	-4,600	2,800	-29,000
2004 (BN)	32,000	-20,000	-140	-12,000	-22,000	-6,100	2,800	-25,000
2005 (AN)	25,000	-23,000	-1,500	-10,000	-21,000	-4,600	2,600	-33,000
2006 (W)	23,000	-26,000	-1,700	-9,900	-22,000	-8,300	2,000	-43,000
2007 (D)	33,000	-25,000	1,300	-13,000	-27,000	-5,400	3,200	-33,000
2008 (C)	33,000	-25,000	1,800	-14,000	-27,000	-1,800	3,300	-30,000
2009 (D)	25,000	-21,000	1,100	-15,000	-25,000	470	3,300	-31,000
2010 (BN)	23,000	-19,000	-400	-12,000	-24,000	260	2,900	-29,000
2011 (W)	22,000	-28,000	-1,700	-9,200	-23,000	-7,500	1,800	-46,000
2012 (BN)	24,000	-26,000	150	-12,000	-29,000	-12,000	1,700	-53,000
2013 (D)	25,000	-25,000	230	-14,000	-29,000	-14,000	1,400	-55,000
2014 (C)	20,000	-21,000	1,400	-15,000	-28,000	-13,000	1,600	-54,000
2015 (C)	20,000	-16,000	1,700	-17,000	-31,000	-16,000	1,500	-57,000
2016 (BN)	21,000	-12,000	690	-16,000	-31,000	-17,000	1,000	-53,000
2017 (W)	16,000	-15,000	-1,700	-13,000	-27,000	-21,000	37	-62,000
2018 (BN)	23,000	-21,000	-520	-14,000	-28,000	-19,000	790	-59,000
2019 (W)	23,000	-19,000	-930	-14,000	-27,000	-17,000	-420	-55,000
2020 (D)	30,000	-16,000	1,400	-15,000	-28,000	-15,000	-400	-43,000
2021 (C)	39,000	-4,000	3,200	-17,000	-30,000	-14,000	420	-22,000
2022 (C)	34,000	-2,700	2,200	-18,000	-30,000	-15,000	150	-29,000
2023 (W)	22,000	-13,000	0	-14,000	-28,000	-18,000	-1,100	-52,000
2024 (AN)	19,000	-21,000	-5,200	-13,000	-31,000	-20,000	-1,100	-72,000
2025 (AN)	21,000	-19,000	-5,800	-15,000	-32,000	-18,000	-1,200	-70,000
Average (1991-2025)	23,000	-20,000	-290	-12,000	-25,000	-7,300	1,800	-40,000
1991-2025 W	19,000	-22,000	-1,200	-9,600	-23,000	-7,400	1,300	-43,000
1991-2025 AN	22,000	-23,000	-2,300	-11,000	-24,000	-7,800	1,400	-45,000
1991-2025 BN	25,000	-20,000	-44	-13,000	-27,000	-11,000	1,800	-44,000
1991-2025 D	29,000	-22,000	1,200	-14,000	-25,000	-5,400	2,400	-34,000
1991-2025 C	24,000	-16,000	1,200	-13,000	-27,000	-5,800	2,100	-35,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

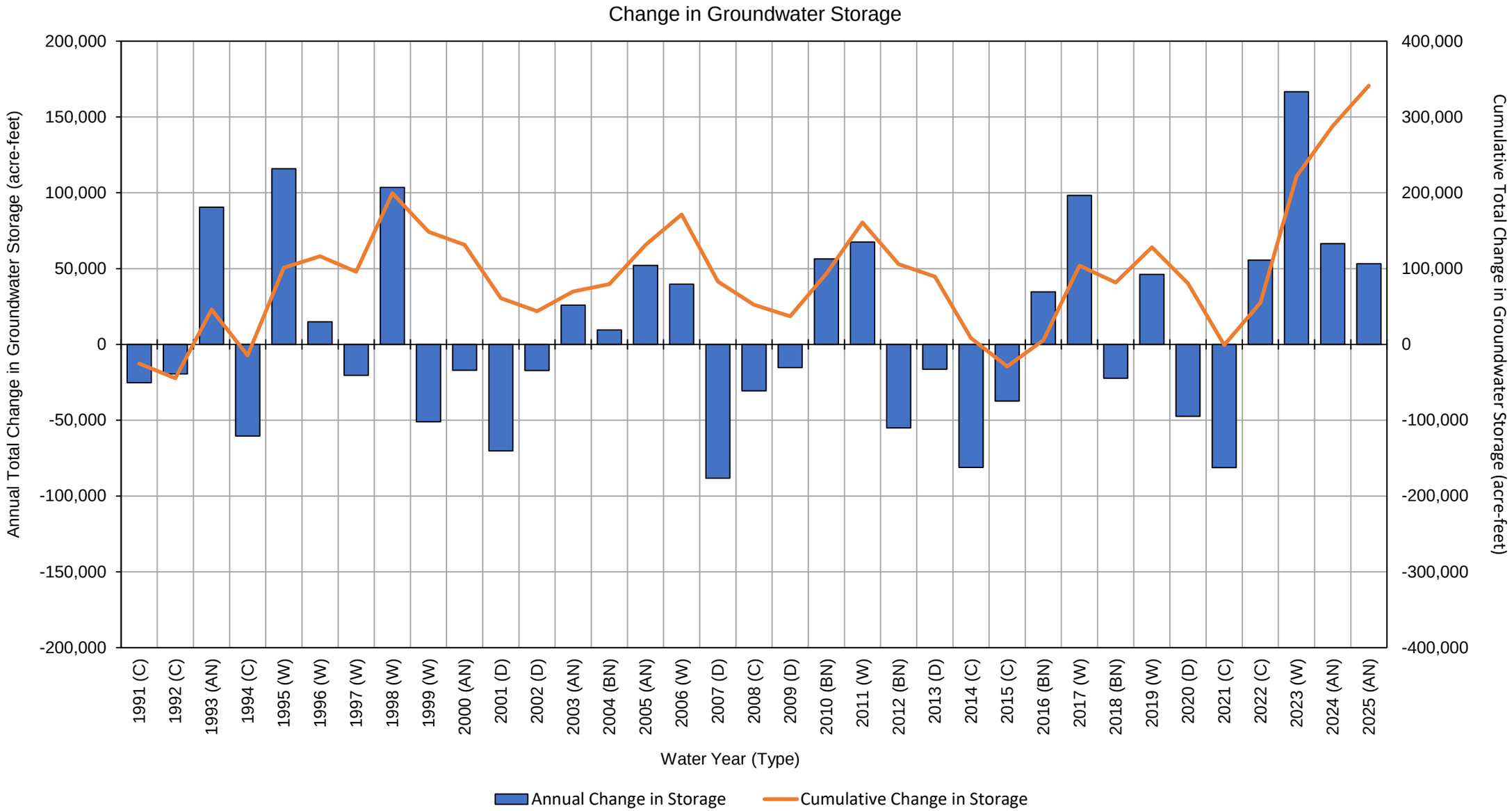

Net Subsurface Flows from Uplands
Net Subsurface Flow (acre-feet)
900
800
700
600
500
400
300
200
100
0
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
2025 (AN)
Water Year (Type)

Solano Subbasin Historical Subsurface Groundwater Inflows from Adjacent Uplands (small watersheds) (acre-feet, rounded)

WY (Type)	Subsurface Flows from Uplands
1991 (C)	730
1992 (C)	740
1993 (AN)	770
1994 (C)	750
1995 (W)	780
1996 (W)	790
1997 (W)	790
1998 (W)	800
1999 (W)	780
2000 (AN)	760
2001 (D)	750
2002 (D)	760
2003 (AN)	770
2004 (BN)	770
2005 (AN)	780
2006 (W)	800
2007 (D)	760
2008 (C)	750
2009 (D)	750
2010 (BN)	760
2011 (W)	770
2012 (BN)	760
2013 (D)	750
2014 (C)	730
2015 (C)	740
2016 (BN)	750
2017 (W)	780
2018 (BN)	780
2019 (W)	790
2020 (D)	760
2021 (C)	720
2022 (C)	730
2023 (W)	770
2024 (AN)	770
2025 (AN)	760
Average (1991-2025)	760
1991-2025 W	780
1991-2025 AN	770
1991-2025 BN	760
1991-2025 D	750
1991-2025 C	740

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

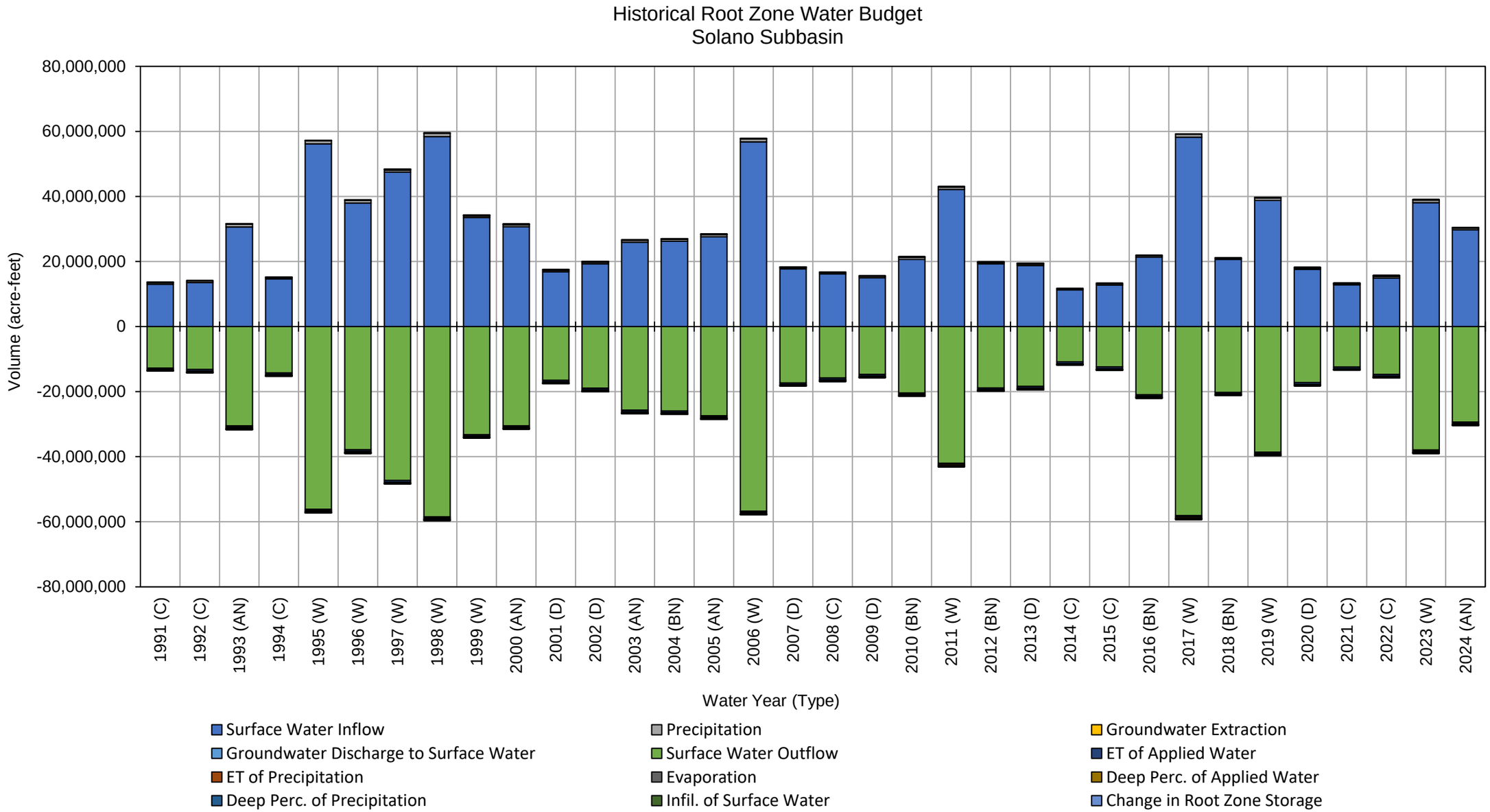

Change in Groundwater Storage
Annual Total Change in Groundwater Storage (acre-feet)
Cumulative Total Change in Groundwater Storage (acre-feet)
200,000
150,000
100,000
50,000
0
-50,000
-100,000
-150,000
-200,000
400,000
300,000
200,000
100,000
0
-100,000
-200,000
-300,000
-400,000
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
2025 (AN)
Water Year (Type)
Annual Change in Storage
Cumulative Change in Storage

Solano Subbasin Historical Change in Groundwater Storage (acre-feet, rounded)

WY (Type)	Annual Change in Groundwater Storage	Cumulative Change in Groundwater Storage
1991 (C)	-25,000	-25,000
1992 (C)	-19,000	-45,000
1993 (AN)	91,000	46,000
1994 (C)	-60,000	-14,000
1995 (W)	120,000	100,000
1996 (W)	15,000	120,000
1997 (W)	-20,000	96,000
1998 (W)	100,000	200,000
1999 (W)	-51,000	150,000
2000 (AN)	-17,000	130,000
2001 (D)	-70,000	61,000
2002 (D)	-17,000	44,000
2003 (AN)	26,000	70,000
2004 (BN)	9,600	79,000
2005 (AN)	52,000	130,000
2006 (W)	40,000	170,000
2007 (D)	-88,000	83,000
2008 (C)	-31,000	52,000
2009 (D)	-15,000	37,000
2010 (BN)	56,000	93,000
2011 (W)	68,000	160,000
2012 (BN)	-55,000	110,000
2013 (D)	-16,000	89,000
2014 (C)	-81,000	8,300
2015 (C)	-37,000	-29,000
2016 (BN)	35,000	5,700
2017 (W)	98,000	100,000
2018 (BN)	-22,000	82,000
2019 (W)	46,000	130,000
2020 (D)	-47,000	81,000
2021 (C)	-81,000	-670
2022 (C)	56,000	55,000
2023 (W)	170,000	220,000
2024 (AN)	67,000	290,000
2025 (AN)	53,000	340,000
Average (1991-2025)	9,800	
1991-2025 W	58,000	
1991-2025 AN	45,000	
1991-2025 BN	4,700	
1991-2025 D	-42,000	
1991-2025 C	-35,000	

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

- W Wet
- AN Above Normal
- BN Below Normal
- D Dry
- C Critical

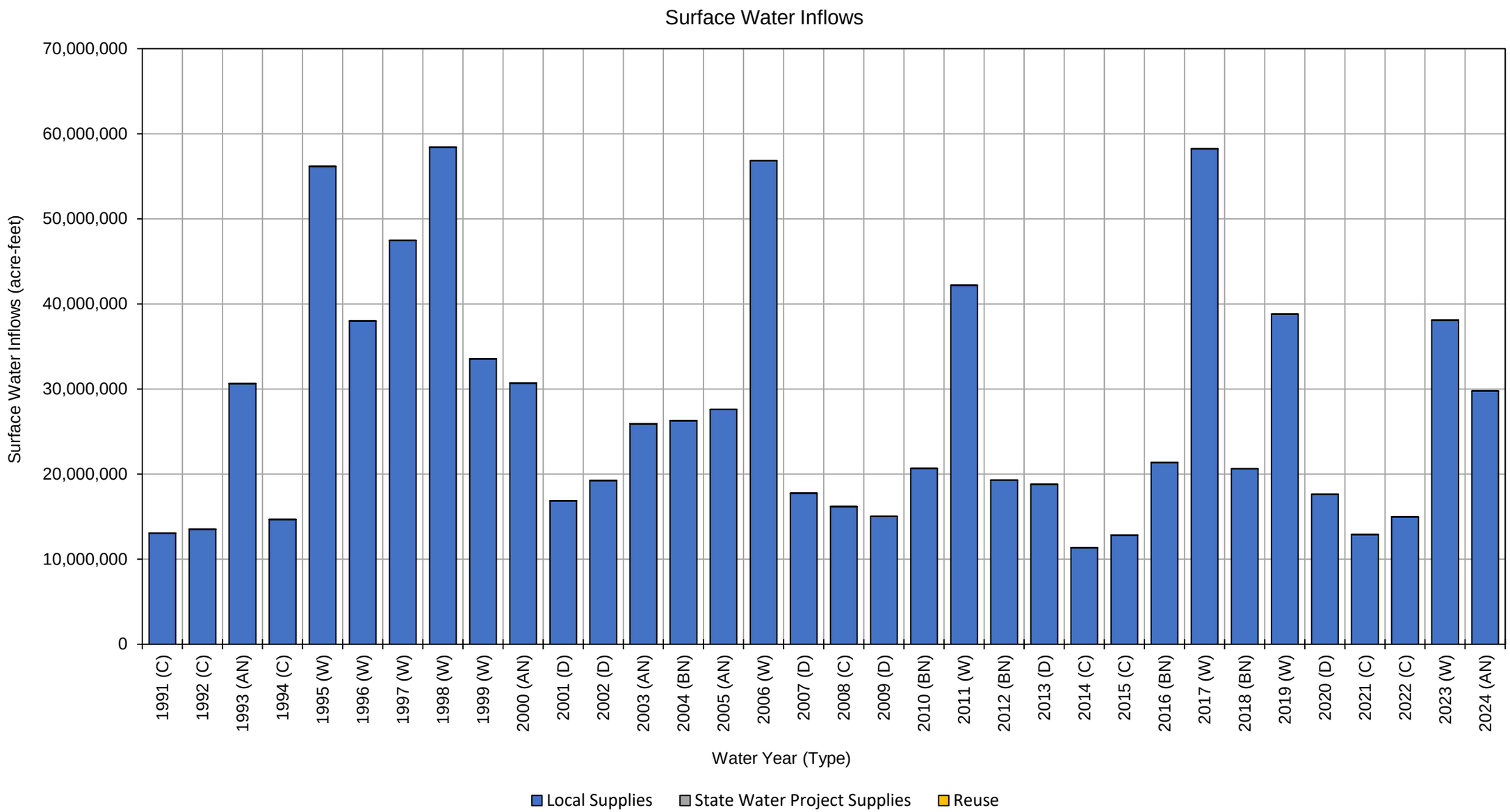

Historical Root Zone Water Budget
Solano Subbasin
Volume (acre-feet)
80,000,000
60,000,000
40,000,000
20,000,000
0
-20,000,000
-40,000,000
-60,000,000
-80,000,000
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
Water Year (Type)
Surface Water Inflow
Precipitation
Groundwater Extraction
Groundwater Discharge to Surface Water
Surface Water Outflow
ET of Applied Water
ET of Precipitation
Evaporation
Deep Perc. of Applied Water
Deep Perc. of Precipitation
Infil. of Surface Water
Change in Root Zone Storage

Solano Subbasin Historical Root Zone Water Budget Summary (acre-feet, rounded)

WY (Type)		Inflows				Outflows							Change in Root Zone Storage
		Surface Water Inflow	Precipitation	Groundwater Extraction	Groundwater Discharge to Surface Water	Surface Water Outflow	ET of Applied Water	ET of Precipitation	Evaporation	Deep Perc. of Applied Water	Deep Perc. of Precipitation	Infil. of Surface Water	
1991 (C)		13,000,000	410,000	170,000	0	13,000,000	460,000	250,000	12,000	100,000	44,000	22,000	-2,100
1992 (C)		14,000,000	490,000	180,000	0	13,000,000	460,000	320,000	12,000	110,000	58,000	24,000	5,400
1993 (AN)		31,000,000	840,000	170,000	10,000	31,000,000	410,000	380,000	9,800	150,000	120,000	19,000	7,000
1994 (C)		15,000,000	370,000	210,000	25,000	14,000,000	510,000	290,000	11,000	120,000	53,000	19,000	730
1995 (W)		56,000,000	920,000	170,000	2,000	56,000,000	410,000	360,000	9,000	160,000	130,000	18,000	1,700
1996 (W)		38,000,000	770,000	190,000	33,000	38,000,000	470,000	380,000	11,000	150,000	110,000	19,000	3,100
1997 (W)		47,000,000	670,000	230,000	49,000	47,000,000	540,000	310,000	12,000	180,000	90,000	20,000	-5,400
1998 (W)		58,000,000	980,000	150,000	69,000	58,000,000	370,000	380,000	8,500	180,000	160,000	19,000	11,000
1999 (W)		34,000,000	460,000	180,000	64,000	33,000,000	450,000	330,000	12,000	140,000	76,000	20,000	-4,500
2000 (AN)		31,000,000	600,000	180,000	41,000	30,000,000	470,000	340,000	12,000	130,000	75,000	21,000	-1,600
2001 (D)		17,000,000	450,000	210,000	27,000	17,000,000	490,000	330,000	13,000	110,000	56,000	19,000	2,400
2002 (D)		19,000,000	520,000	230,000	630	19,000,000	520,000	310,000	14,000	140,000	67,000	19,000	920
2003 (AN)		26,000,000	660,000	180,000	0	26,000,000	460,000	360,000	13,000	130,000	79,000	33,000	1,600
2004 (BN)		26,000,000	520,000	210,000	0	26,000,000	510,000	290,000	14,000	150,000	71,000	21,000	-800
2005 (AN)		28,000,000	720,000	150,000	43,000	27,000,000	400,000	410,000	11,000	140,000	120,000	17,000	760
2006 (W)		57,000,000	850,000	160,000	12,000	57,000,000	410,000	410,000	12,000	130,000	110,000	17,000	2,100
2007 (D)		18,000,000	300,000	220,000	3,000	17,000,000	520,000	260,000	16,000	110,000	40,000	19,000	-4,900
2008 (C)		16,000,000	470,000	200,000	0	16,000,000	530,000	290,000	16,000	130,000	55,000	20,000	910
2009 (D)		15,000,000	470,000	190,000	0	15,000,000	490,000	320,000	15,000	110,000	54,000	41,000	1,500
2010 (BN)		21,000,000	620,000	150,000	1,400	20,000,000	400,000	390,000	13,000	120,000	90,000	17,000	-3,600
2011 (W)		42,000,000	730,000	140,000	26,000	42,000,000	380,000	410,000	12,000	140,000	110,000	20,000	50
2012 (BN)		19,000,000	380,000	180,000	7,700	19,000,000	470,000	310,000	17,000	110,000	51,000	19,000	-1,900
2013 (D)		19,000,000	460,000	190,000	3,600	18,000,000	500,000	280,000	17,000	150,000	64,000	19,000	-830
2014 (C)		11,000,000	310,000	190,000	0	11,000,000	530,000	250,000	19,000	84,000	30,000	53,000	-20
2015 (C)		13,000,000	410,000	200,000	0	12,000,000	510,000	250,000	17,000	110,000	42,000	67,000	350
2016 (BN)		21,000,000	480,000	180,000	0	21,000,000	480,000	310,000	16,000	99,000	50,000	110,000	4,000
2017 (W)		58,000,000	920,000	150,000	0	58,000,000	390,000	430,000	13,000	120,000	120,000	75,000	5,800
2018 (BN)		21,000,000	380,000	160,000	0	20,000,000	450,000	290,000	15,000	110,000	49,000	42,000	-1,600
2019 (W)		39,000,000	740,000	170,000	0	39,000,000	440,000	400,000	13,000	120,000	97,000	43,000	-5,300
2020 (D)		18,000,000	280,000	240,000	29,000	17,000,000	540,000	230,000	16,000	130,000	40,000	18,000	-1,400
2021 (C)		13,000,000	180,000	240,000	53,000	12,000,000	590,000	170,000	18,000	110,000	22,000	18,000	-2,400
2022 (C)		15,000,000	510,000	200,000	60,000	15,000,000	500,000	270,000	14,000	140,000	66,000	15,000	17,000
2023 (C)		38,000,000	810,000	150,000	0	38,000,000	380,000	370,000	14,000	150,000	140,000	74,000	-4,800
2024 (AN)		30,000,000	520,000	170,000	0	29,000,000	420,000	340,000	16,000	160,000	94,000	52,000	-8,400
2025 (AN)		29,000,000	410,000	260,000	0	28,000,000	460,000	280,000	16,000	160,000	70,000	83,000	1,500
Average (1991-2025)		28,000,000	560,000	190,000	16,000	27,000,000	470,000	320,000	14,000	130,000	77,000	32,000	520
1991-2025	W	47,000,000	790,000	170,000	26,000	47,000,000	420,000	380,000	12,000	150,000	110,000	33,000	410
	AN	29,000,000	620,000	190,000	16,000	29,000,000	440,000	350,000	13,000	150,000	94,000	38,000	130
	BN	22,000,000	480,000	180,000	1,800	21,000,000	460,000	320,000	15,000	120,000	62,000	42,000	-790
	D	18,000,000	420,000	210,000	11,000	17,000,000	510,000	290,000	15,000	130,000	53,000	22,000	-380
	C	14,000,000	390,000	200,000	17,000	13,000,000	510,000	260,000	15,000	110,000	46,000	30,000	2,400

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



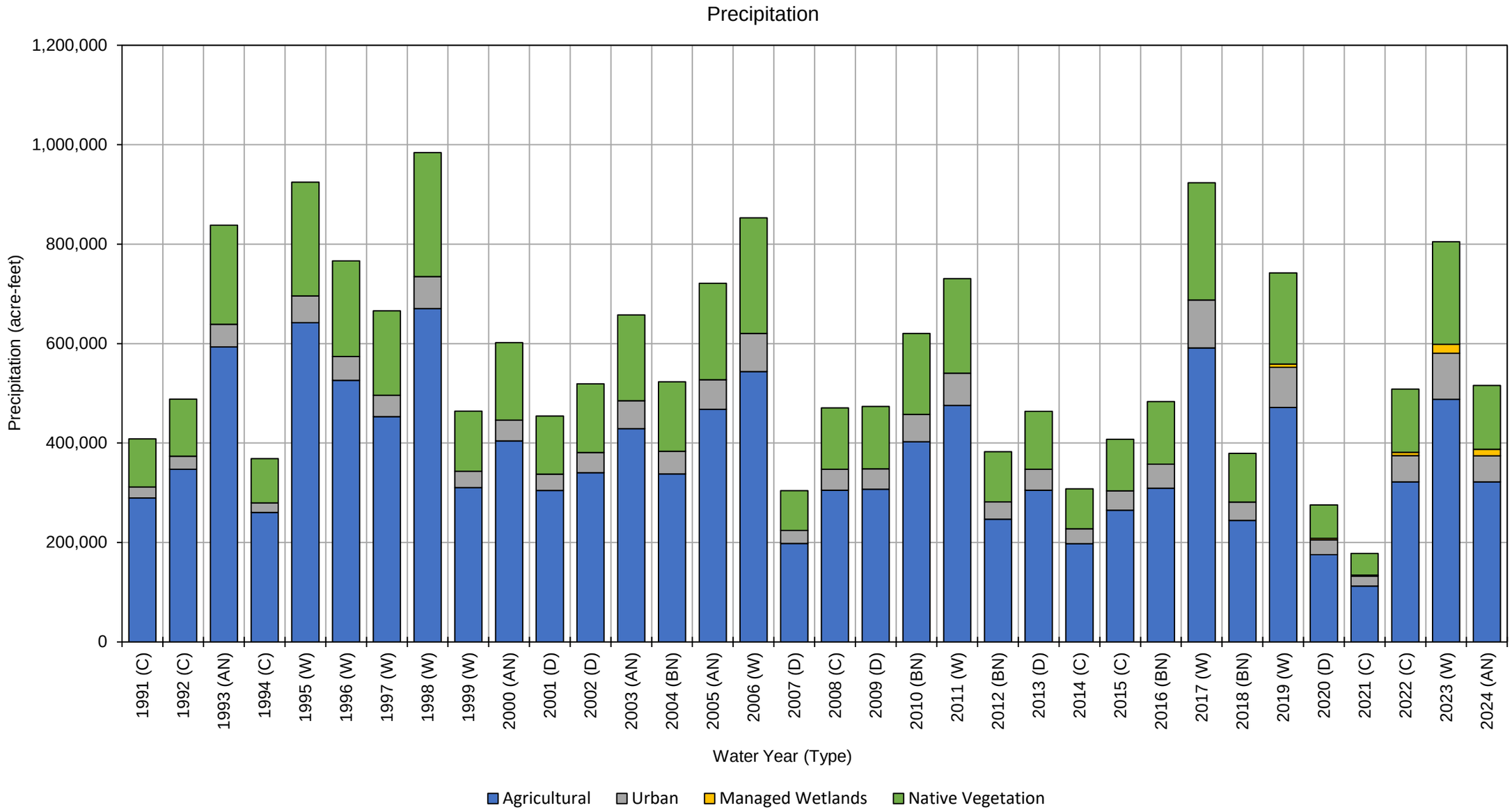
Solano IHM - Historical

Solano Subbasin Historical Surface Water Inflows, by Water Source Type (acre-feet, rounded)

WY (Type)		Local Supplies	State Water Project Supplies	Reuse	Total
1991 (C)		13,000,000	4,500	7,000	13,000,000
1992 (C)		14,000,000	4,300	8,500	14,000,000
1993 (AN)		31,000,000	4,400	7,300	31,000,000
1994 (C)		15,000,000	4,600	8,200	15,000,000
1995 (W)		56,000,000	5,500	8,400	56,000,000
1996 (W)		38,000,000	6,000	9,900	38,000,000
1997 (W)		47,000,000	6,000	9,200	47,000,000
1998 (W)		58,000,000	5,400	6,600	58,000,000
1999 (W)		34,000,000	4,600	7,600	34,000,000
2000 (AN)		31,000,000	4,100	9,100	31,000,000
2001 (D)		17,000,000	3,700	8,300	17,000,000
2002 (D)		19,000,000	6,500	8,200	19,000,000
2003 (AN)		26,000,000	4,300	7,100	26,000,000
2004 (BN)		26,000,000	7,100	9,400	26,000,000
2005 (AN)		28,000,000	6,700	7,100	28,000,000
2006 (W)		57,000,000	5,900	7,500	57,000,000
2007 (D)		18,000,000	7,500	8,100	18,000,000
2008 (C)		16,000,000	7,400	8,500	16,000,000
2009 (D)		15,000,000	6,500	7,400	15,000,000
2010 (BN)		21,000,000	7,800	6,800	21,000,000
2011 (W)		42,000,000	6,400	7,600	42,000,000
2012 (BN)		19,000,000	6,700	7,600	19,000,000
2013 (D)		19,000,000	7,600	8,200	19,000,000
2014 (C)		11,000,000	2,500	7,700	11,000,000
2015 (C)		13,000,000	1,000	7,800	13,000,000
2016 (BN)		21,000,000	3,900	8,100	21,000,000
2017 (W)		58,000,000	4,700	8,200	58,000,000
2018 (BN)		21,000,000	7,300	7,100	21,000,000
2019 (W)		39,000,000	4,600	6,600	39,000,000
2020 (D)		18,000,000	3,600	8,000	18,000,000
2021 (C)		13,000,000	4,000	8,100	13,000,000
2022 (C)		15,000,000	4,500	7,500	15,000,000
2023 (C)		38,000,000	5,800	6,300	38,000,000
2024 (AN)		30,000,000	2,400	6,400	30,000,000
2025 (AN)		29,000,000	2,900	6,900	29,000,000
Average (1991-2025)		28,000,000	5,200	7,800	28,000,000
1991-2025	W	47,000,000	5,500	7,800	47,000,000
	AN	29,000,000	4,200	7,300	29,000,000
	BN	22,000,000	6,600	7,800	22,000,000
	D	18,000,000	5,900	8,000	18,000,000
	C	14,000,000	4,100	7,900	14,000,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



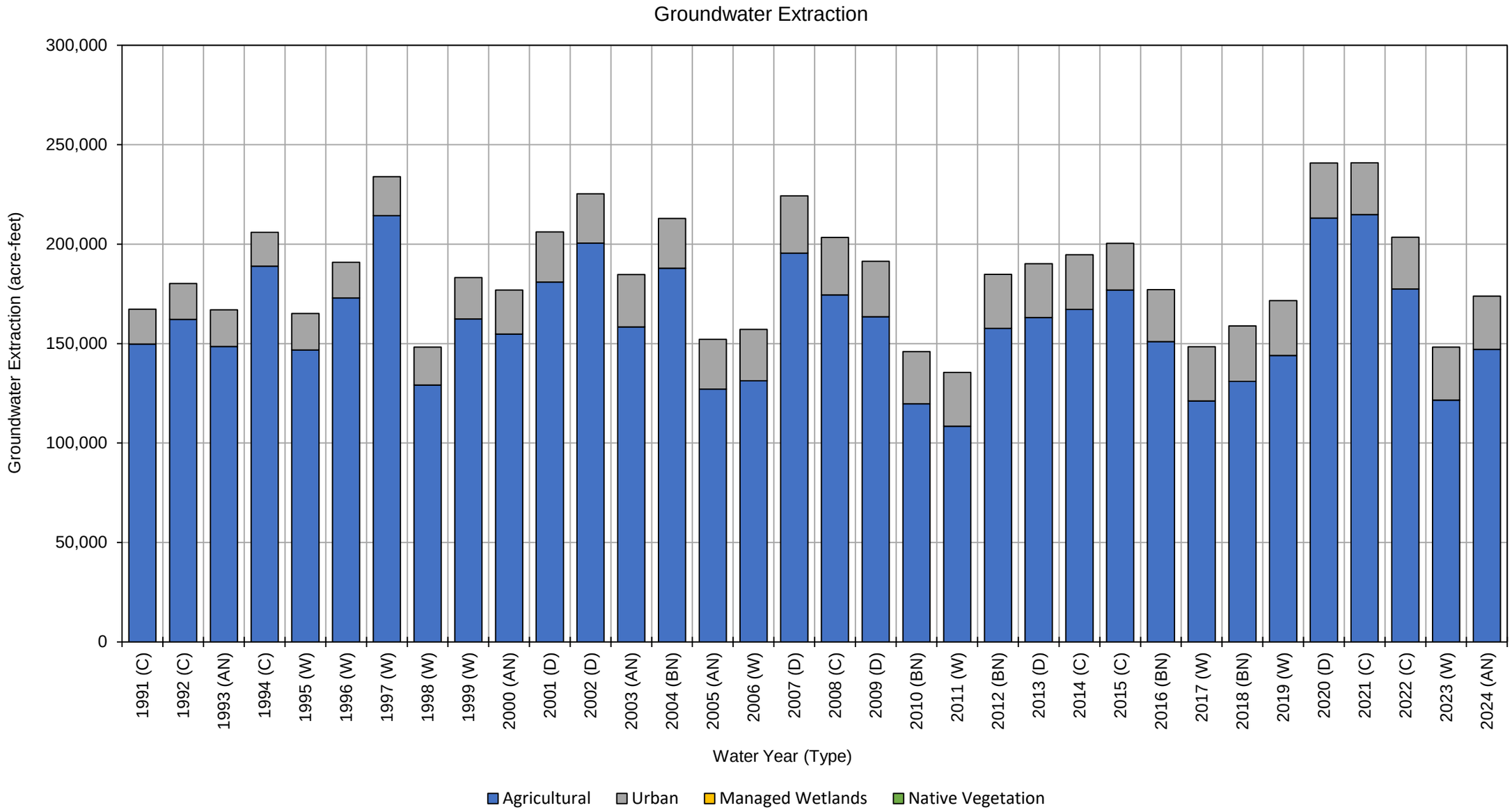
Solano IHM - Historical

Solano Subbasin Historical Precipitation, by Water Use Sector (acre-feet, rounded)

WY (Type)		Agricultural	Urban	Managed Wetlands	Native Vegetation	Total
1991 (C)		290,000	22,000	0	97,000	410,000
1992 (C)		350,000	26,000	0	110,000	490,000
1993 (AN)		590,000	46,000	0	200,000	840,000
1994 (C)		260,000	19,000	0	89,000	370,000
1995 (W)		640,000	53,000	0	230,000	920,000
1996 (W)		530,000	48,000	0	190,000	770,000
1997 (W)		450,000	43,000	0	170,000	660,000
1998 (W)		670,000	64,000	0	250,000	980,000
1999 (W)		310,000	33,000	0	120,000	460,000
2000 (AN)		400,000	42,000	0	160,000	600,000
2001 (D)		300,000	33,000	0	120,000	450,000
2002 (D)		340,000	41,000	0	140,000	520,000
2003 (AN)		430,000	56,000	0	170,000	660,000
2004 (BN)		340,000	45,000	0	140,000	530,000
2005 (AN)		470,000	60,000	0	190,000	720,000
2006 (W)		540,000	76,000	0	230,000	850,000
2007 (D)		200,000	26,000	0	80,000	310,000
2008 (C)		300,000	42,000	0	120,000	460,000
2009 (D)		310,000	41,000	0	130,000	480,000
2010 (BN)		400,000	55,000	0	160,000	620,000
2011 (W)		480,000	65,000	0	190,000	740,000
2012 (BN)		250,000	35,000	0	100,000	390,000
2013 (D)		300,000	42,000	0	120,000	460,000
2014 (C)		200,000	30,000	0	80,000	310,000
2015 (C)		260,000	39,000	0	100,000	400,000
2016 (BN)		310,000	48,000	0	130,000	490,000
2017 (W)		590,000	96,000	0	240,000	930,000
2018 (BN)		240,000	37,000	0	98,000	380,000
2019 (W)		470,000	81,000	6,600	180,000	740,000
2020 (D)		180,000	29,000	3,300	67,000	280,000
2021 (C)		110,000	20,000	2,100	44,000	180,000
2022 (C)		320,000	53,000	6,500	130,000	510,000
2023 (C)		490,000	93,000	18,000	210,000	810,000
2024 (AN)		320,000	52,000	13,000	130,000	520,000
2025 (AN)		260,000	43,000	9,200	100,000	410,000
Average (1991-2025)		370,000	47,000	1,700	140,000	560,000
1991-2025	W	520,000	65,000	2,500	200,000	790,000
	AN	410,000	50,000	3,700	160,000	620,000
	BN	310,000	44,000	0	130,000	480,000
	D	270,000	35,000	550	110,000	420,000
	C	260,000	31,000	1,100	97,000	390,000

Note: Modeling of Managed Wetlands as a water use sector began in WY 2019.
Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

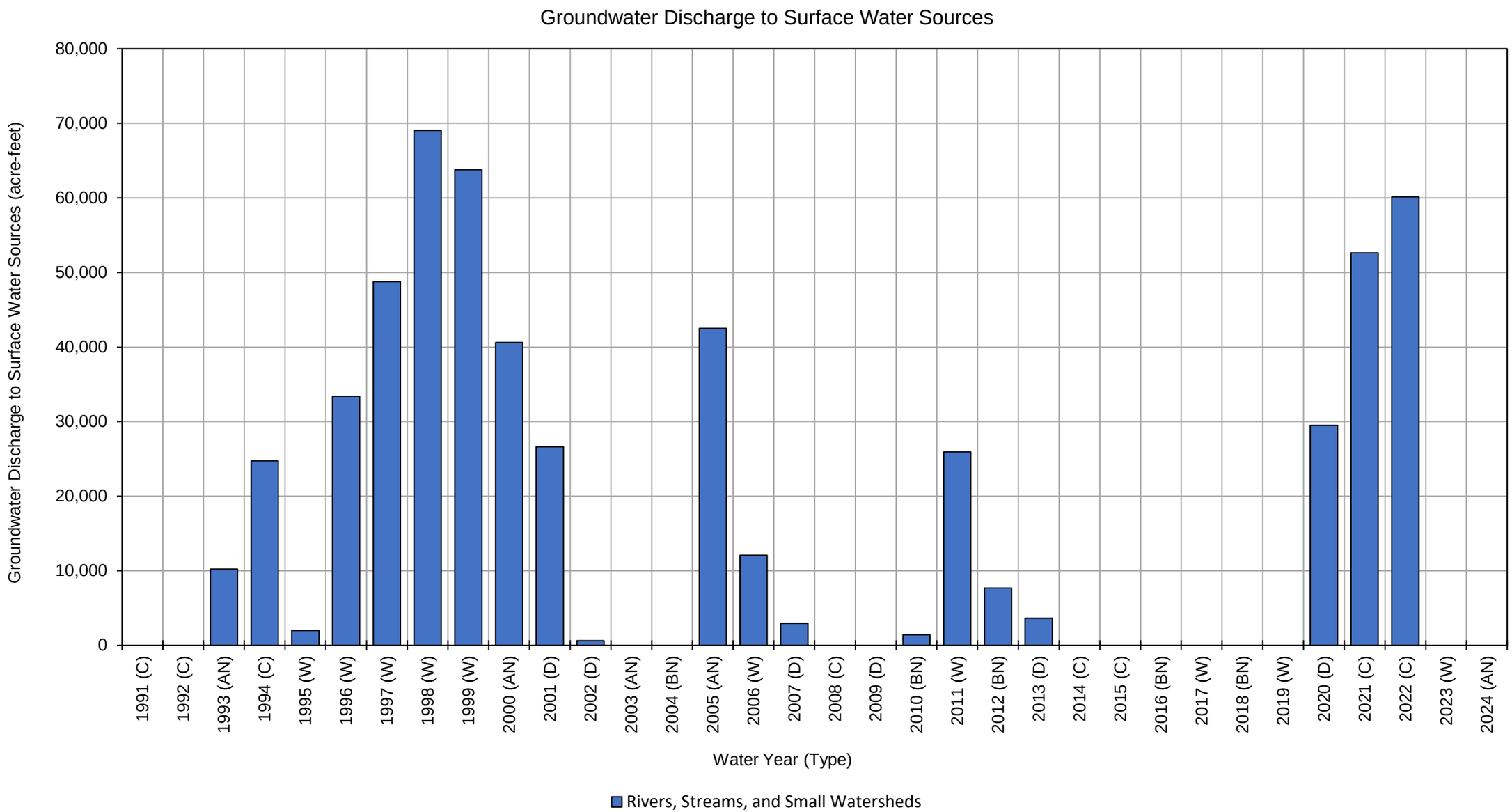

Groundwater Extraction
Groundwater Extraction (acre-feet)
300,000
250,000
200,000
150,000
100,000
50,000
0
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
Water Year (Type)
Agricultural
Urban
Managed Wetlands
Native Vegetation

Solano Subbasin Historical Groundwater Extraction, by Water Use Sector (acre-feet, rounded)

WY (Type)		Agricultural	Urban	Managed Wetlands	Native Vegetation	Total
1991 (C)		150,000	18,000	0	0	170,000
1992 (C)		160,000	18,000	0	0	180,000
1993 (AN)		150,000	18,000	0	0	170,000
1994 (C)		190,000	17,000	0	0	210,000
1995 (W)		150,000	18,000	0	0	170,000
1996 (W)		170,000	18,000	0	0	190,000
1997 (W)		210,000	20,000	0	0	230,000
1998 (W)		130,000	19,000	0	0	150,000
1999 (W)		160,000	21,000	0	0	180,000
2000 (AN)		150,000	22,000	0	0	170,000
2001 (D)		180,000	25,000	0	0	210,000
2002 (D)		200,000	25,000	0	0	230,000
2003 (AN)		160,000	26,000	0	0	190,000
2004 (BN)		190,000	25,000	0	0	220,000
2005 (AN)		130,000	25,000	0	0	160,000
2006 (W)		130,000	26,000	0	0	160,000
2007 (D)		200,000	29,000	0	0	230,000
2008 (C)		170,000	29,000	0	0	200,000
2009 (D)		160,000	28,000	0	0	190,000
2010 (BN)		120,000	26,000	0	0	150,000
2011 (W)		110,000	27,000	0	0	140,000
2012 (BN)		160,000	27,000	0	0	190,000
2013 (D)		160,000	27,000	0	0	190,000
2014 (C)		170,000	27,000	0	0	200,000
2015 (C)		180,000	24,000	0	0	200,000
2016 (BN)		150,000	26,000	0	0	180,000
2017 (W)		120,000	27,000	0	0	150,000
2018 (BN)		130,000	28,000	0	0	160,000
2019 (W)		140,000	28,000	0	0	170,000
2020 (D)		210,000	28,000	0	0	240,000
2021 (C)		210,000	26,000	0	0	240,000
2022 (C)		180,000	26,000	0	0	210,000
2023 (C)		120,000	27,000	0	0	150,000
2024 (AN)		150,000	27,000	0	0	180,000
2025 (AN)		170,000	27,000	0	0	200,000
Average (1991-2025)		160,000	24,000	0	0	180,000
1991-2025	W	150,000	23,000	0	0	170,000
	AN	150,000	24,000	0	0	170,000
	BN	150,000	26,000	0	0	180,000
	D	190,000	27,000	0	0	220,000
	C	180,000	23,000	0	0	200,000

Note: Modeling of Managed Wetlands as a water use sector began in WY 2019.
Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

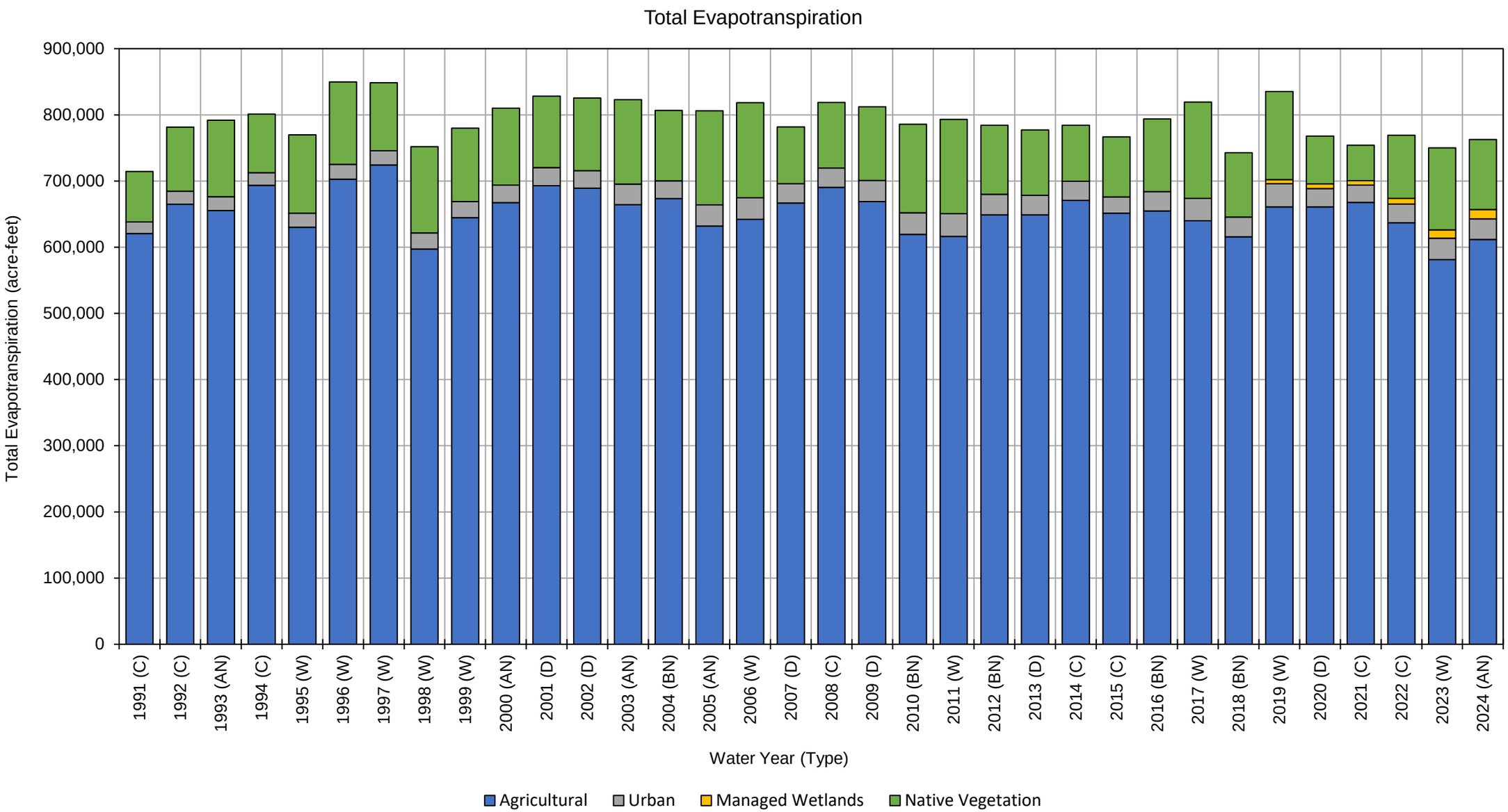

Groundwater Discharge to Surface Water Sources
Groundwater Discharge to Surface Water Sources (acre-feet)
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
Water Year (Type)
Rivers, Streams, and Small Watersheds

Solano Subbasin Historical Groundwater Discharge to Surface Water Sources (acre-feet, rounded)

WY (Type)	Rivers, Streams, and Small Watersheds
1991 (C)	0
1992 (C)	0
1993 (AN)	10,000
1994 (C)	25,000
1995 (W)	2,000
1996 (W)	33,000
1997 (W)	49,000
1998 (W)	69,000
1999 (W)	64,000
2000 (AN)	41,000
2001 (D)	27,000
2002 (D)	630
2003 (AN)	0
2004 (BN)	0
2005 (AN)	43,000
2006 (W)	12,000
2007 (D)	3,000
2008 (C)	0
2009 (D)	0
2010 (BN)	1,400
2011 (W)	26,000
2012 (BN)	7,700
2013 (D)	3,600
2014 (C)	0
2015 (C)	0
2016 (BN)	0
2017 (W)	0
2018 (BN)	0
2019 (W)	0
2020 (D)	29,000
2021 (C)	53,000
2022 (C)	60,000
2023 (C)	0
2024 (AN)	0
2025 (AN)	0
Average (1991-2025)	16,000
1991-2025 W	26,000
1991-2025 AN	16,000
1991-2025 BN	1,800
1991-2025 D	11,000
1991-2025 C	17,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry



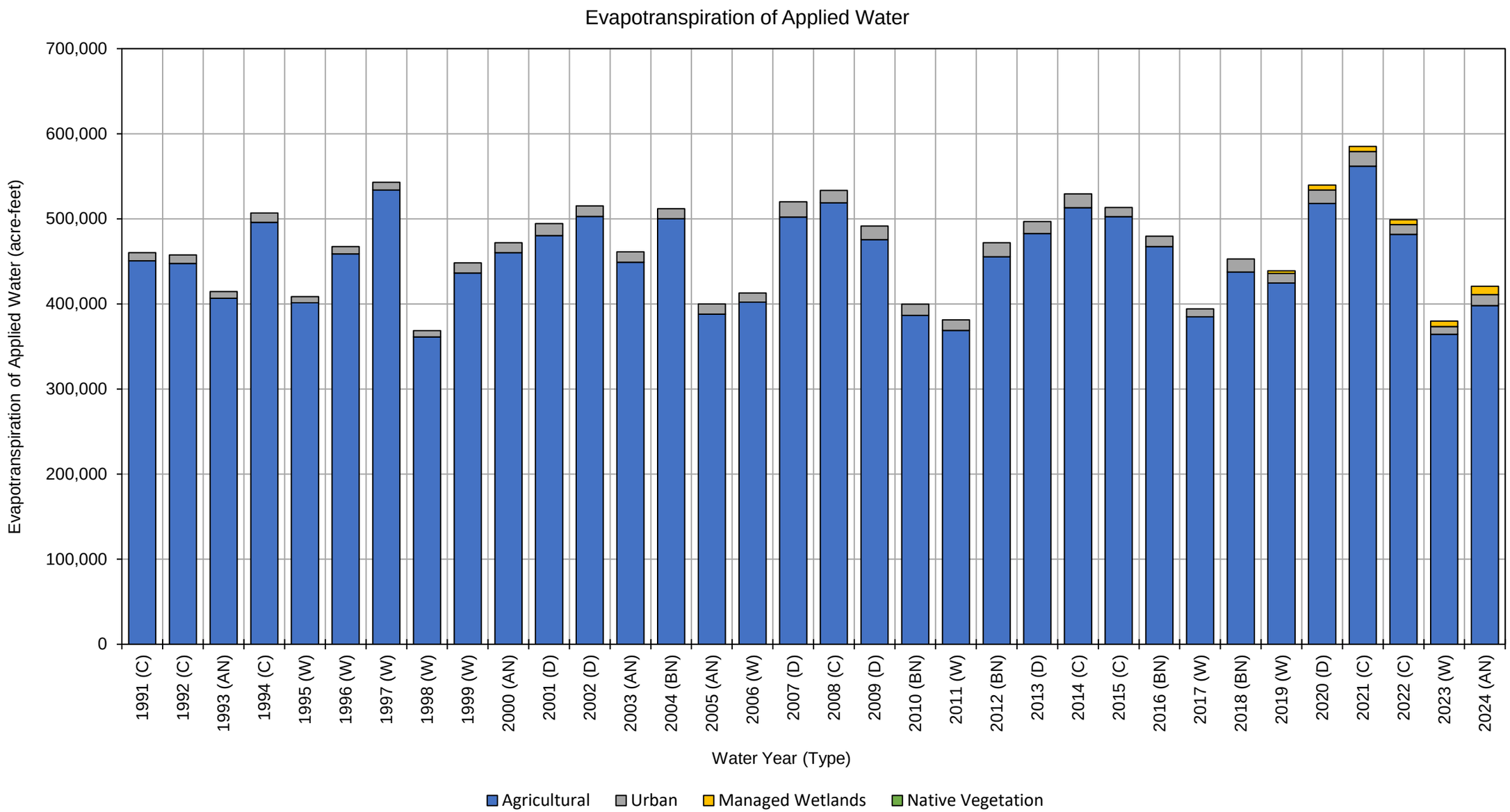
Solano IHM - Historical

Solano Subbasin Historical Total Evapotranspiration, by Water Use Sector (acre-feet, rounded)

WY (Type)		Agricultural	Urban	Managed Wetlands	Native Vegetation	Total
1991 (C)		620,000	18,000	0	76,000	710,000
1992 (C)		660,000	20,000	0	97,000	780,000
1993 (AN)		660,000	21,000	0	120,000	800,000
1994 (C)		690,000	19,000	0	88,000	800,000
1995 (W)		630,000	21,000	0	120,000	770,000
1996 (W)		700,000	22,000	0	120,000	840,000
1997 (W)		720,000	22,000	0	100,000	840,000
1998 (W)		600,000	24,000	0	130,000	750,000
1999 (W)		640,000	24,000	0	110,000	770,000
2000 (AN)		670,000	26,000	0	120,000	820,000
2001 (D)		690,000	27,000	0	110,000	830,000
2002 (D)		690,000	27,000	0	110,000	830,000
2003 (AN)		660,000	31,000	0	130,000	820,000
2004 (BN)		670,000	27,000	0	110,000	810,000
2005 (AN)		630,000	32,000	0	140,000	800,000
2006 (W)		640,000	32,000	0	140,000	810,000
2007 (D)		670,000	29,000	0	86,000	790,000
2008 (C)		690,000	29,000	0	99,000	820,000
2009 (D)		670,000	32,000	0	110,000	810,000
2010 (BN)		620,000	33,000	0	130,000	780,000
2011 (W)		620,000	34,000	0	140,000	790,000
2012 (BN)		650,000	31,000	0	100,000	780,000
2013 (D)		650,000	29,000	0	99,000	780,000
2014 (C)		670,000	29,000	0	85,000	780,000
2015 (C)		650,000	25,000	0	91,000	770,000
2016 (BN)		650,000	29,000	0	110,000	790,000
2017 (W)		640,000	34,000	0	150,000	820,000
2018 (BN)		620,000	30,000	0	97,000	750,000
2019 (W)		660,000	35,000	6,000	130,000	830,000
2020 (D)		660,000	28,000	7,100	72,000	770,000
2021 (C)		670,000	26,000	7,000	53,000	760,000
2022 (C)		640,000	28,000	8,900	95,000	770,000
2023 (C)		580,000	32,000	13,000	120,000	750,000
2024 (AN)		610,000	31,000	14,000	110,000	770,000
2025 (AN)		600,000	28,000	14,000	95,000	740,000
Average (1991-2025)		650,000	28,000	2,000	110,000	790,000
1991-2025	W	640,000	28,000	1,900	130,000	800,000
	AN	640,000	28,000	4,700	120,000	790,000
	BN	640,000	30,000	0	110,000	780,000
	D	670,000	29,000	1,200	98,000	800,000
	C	660,000	24,000	2,000	86,000	770,000

Note: Modeling of Managed Wetlands as a water use sector began in WY 2019.
Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



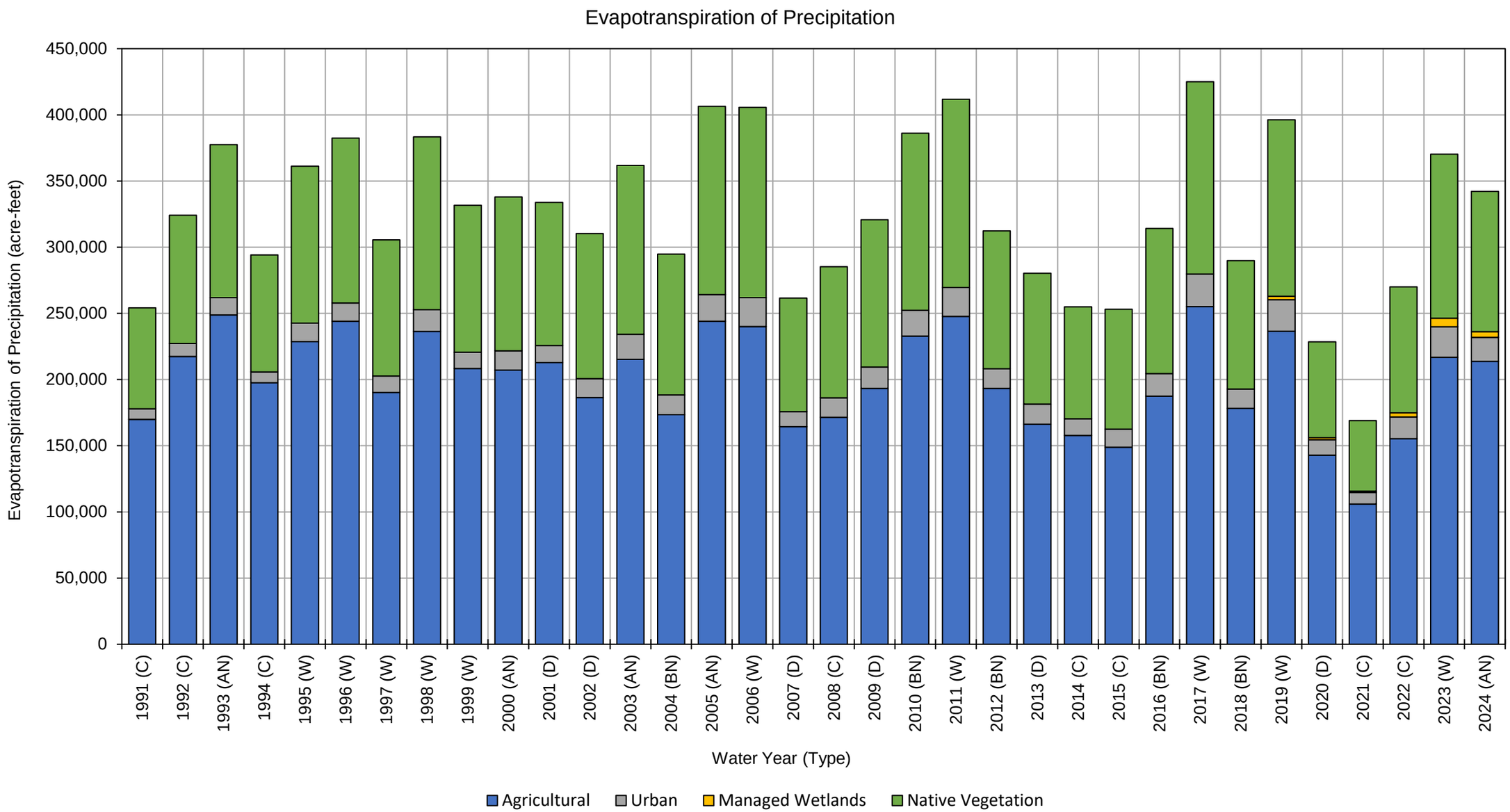
Solano IHM - Historical

Solano Subbasin Historical Total Evapotranspiration of Applied Water, by Water Use Sector (acre-feet, rounded)

WY (Type)		Agricultural	Urban	Managed Wetlands	Native Vegetation	Total
1991 (C)		450,000	9,500	0	0	460,000
1992 (C)		450,000	10,000	0	0	460,000
1993 (AN)		410,000	7,800	0	0	420,000
1994 (C)		500,000	11,000	0	0	510,000
1995 (W)		400,000	7,300	0	0	410,000
1996 (W)		460,000	8,500	0	0	470,000
1997 (W)		530,000	9,100	0	0	540,000
1998 (W)		360,000	7,500	0	0	370,000
1999 (W)		440,000	12,000	0	0	450,000
2000 (AN)		460,000	12,000	0	0	470,000
2001 (D)		480,000	14,000	0	0	490,000
2002 (D)		500,000	12,000	0	0	510,000
2003 (AN)		450,000	12,000	0	0	460,000
2004 (BN)		500,000	12,000	0	0	510,000
2005 (AN)		390,000	12,000	0	0	400,000
2006 (W)		400,000	11,000	0	0	410,000
2007 (D)		500,000	18,000	0	0	520,000
2008 (C)		520,000	15,000	0	0	540,000
2009 (D)		480,000	16,000	0	0	500,000
2010 (BN)		390,000	13,000	0	0	400,000
2011 (W)		370,000	13,000	0	0	380,000
2012 (BN)		460,000	16,000	0	0	480,000
2013 (D)		480,000	14,000	0	0	490,000
2014 (C)		510,000	16,000	0	0	530,000
2015 (C)		500,000	11,000	0	0	510,000
2016 (BN)		470,000	12,000	0	0	480,000
2017 (W)		380,000	9,300	0	0	390,000
2018 (BN)		440,000	15,000	0	0	460,000
2019 (W)		420,000	11,000	3,300	0	430,000
2020 (D)		520,000	16,000	5,600	0	540,000
2021 (C)		560,000	17,000	6,100	0	580,000
2022 (C)		480,000	12,000	5,800	0	500,000
2023 (C)		360,000	9,000	6,500	0	380,000
2024 (AN)		400,000	13,000	9,800	0	420,000
2025 (AN)		430,000	13,000	10,000	0	450,000
Average (1991-2025)		450,000	12,000	1,400	0	460,000
1991-2025	W	410,000	9,700	980	0	420,000
	AN	420,000	12,000	3,400	0	440,000
	BN	450,000	14,000	0	0	460,000
	D	490,000	15,000	930	0	510,000
	C	500,000	13,000	1,500	0	510,000

Note: Modeling of Managed Wetlands as a water use sector began in WY 2019.
Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



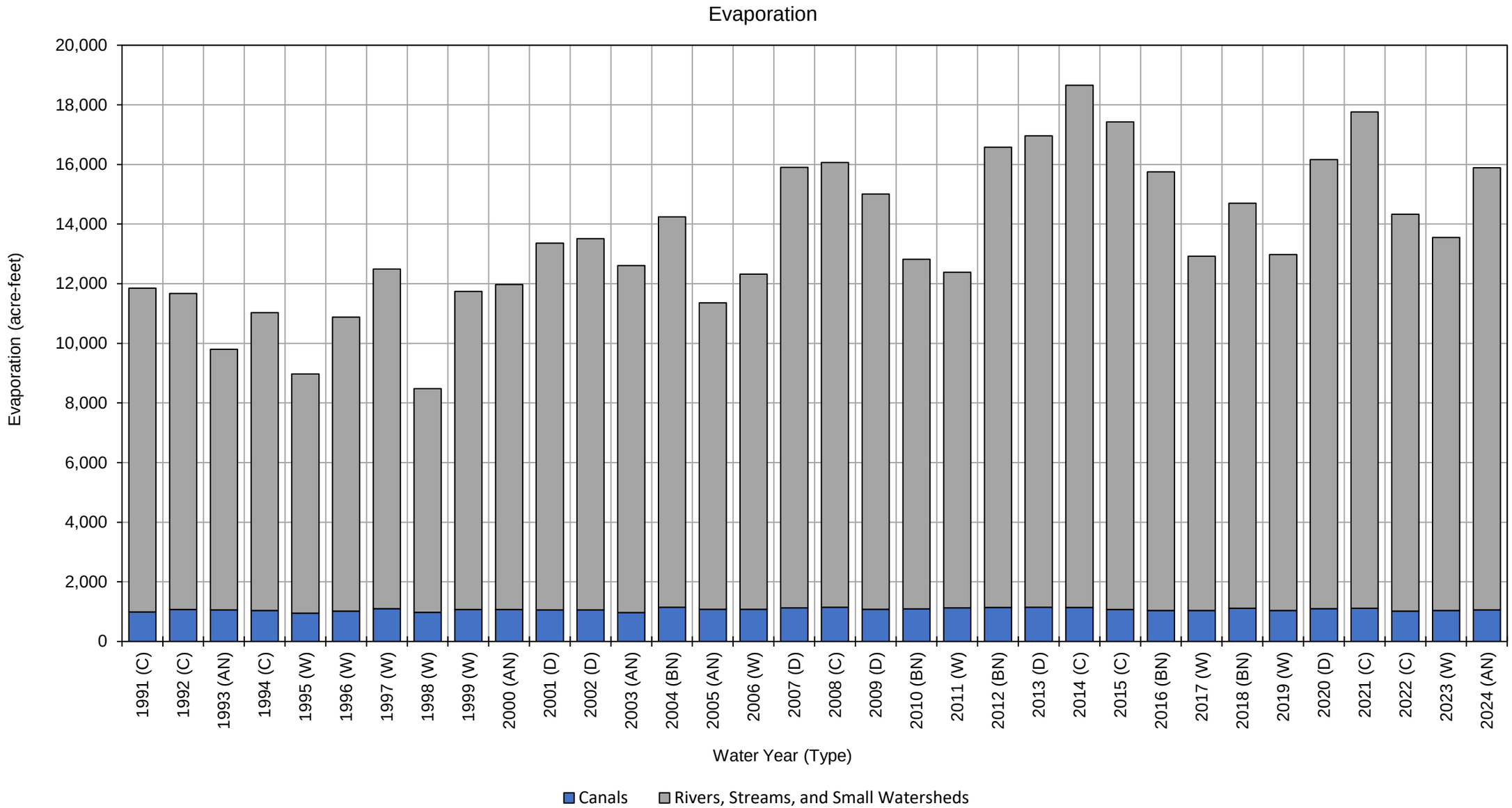
Solano IHM - Historical

Solano Subbasin Historical Total Evapotranspiration of Precipitation, by Water Use Sector (acre-feet, rounded)

WY (Type)		Agricultural	Urban	Managed Wetlands	Native Vegetation	Total
1991 (C)		170,000	8,000	0	76,000	250,000
1992 (C)		220,000	9,900	0	97,000	330,000
1993 (AN)		250,000	13,000	0	120,000	380,000
1994 (C)		200,000	8,200	0	88,000	300,000
1995 (W)		230,000	14,000	0	120,000	360,000
1996 (W)		240,000	14,000	0	120,000	370,000
1997 (W)		190,000	12,000	0	100,000	300,000
1998 (W)		240,000	17,000	0	130,000	390,000
1999 (W)		210,000	12,000	0	110,000	330,000
2000 (AN)		210,000	15,000	0	120,000	350,000
2001 (D)		210,000	13,000	0	110,000	330,000
2002 (D)		190,000	14,000	0	110,000	310,000
2003 (AN)		220,000	19,000	0	130,000	370,000
2004 (BN)		170,000	15,000	0	110,000	300,000
2005 (AN)		240,000	20,000	0	140,000	400,000
2006 (W)		240,000	22,000	0	140,000	400,000
2007 (D)		160,000	11,000	0	86,000	260,000
2008 (C)		170,000	15,000	0	99,000	280,000
2009 (D)		190,000	16,000	0	110,000	320,000
2010 (BN)		230,000	19,000	0	130,000	380,000
2011 (W)		250,000	22,000	0	140,000	410,000
2012 (BN)		190,000	15,000	0	100,000	310,000
2013 (D)		170,000	15,000	0	99,000	280,000
2014 (C)		160,000	13,000	0	85,000	260,000
2015 (C)		150,000	14,000	0	91,000	260,000
2016 (BN)		190,000	17,000	0	110,000	320,000
2017 (W)		260,000	25,000	0	150,000	440,000
2018 (BN)		180,000	15,000	0	97,000	290,000
2019 (W)		240,000	24,000	2,800	130,000	400,000
2020 (D)		140,000	12,000	1,600	72,000	230,000
2021 (C)		110,000	8,800	880	53,000	170,000
2022 (C)		160,000	17,000	3,100	95,000	280,000
2023 (C)		220,000	23,000	6,300	120,000	370,000
2024 (AN)		210,000	18,000	4,300	110,000	340,000
2025 (AN)		170,000	15,000	3,500	95,000	280,000
Average (1991-2025)		200,000	15,000	640	110,000	330,000
1991-2025	W	230,000	18,000	910	130,000	380,000
	AN	220,000	17,000	1,300	120,000	360,000
	BN	190,000	16,000	0	110,000	320,000
	D	180,000	14,000	260	98,000	290,000
	C	170,000	12,000	500	86,000	270,000

Note: Modeling of Managed Wetlands as a water use sector began in WY 2019.
Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

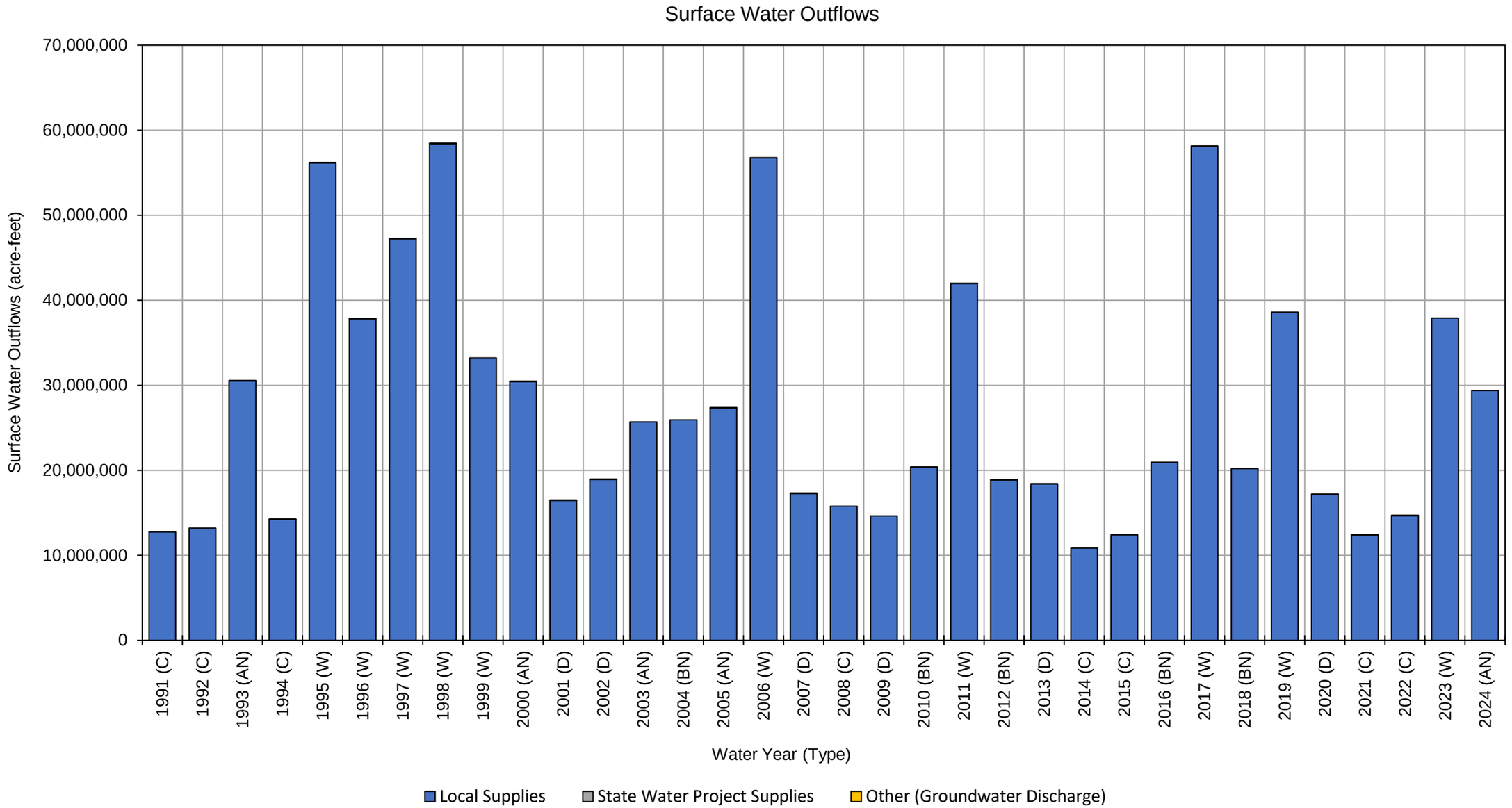

Evaporation
Evaporation (acre-feet)
20,000
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
Water Year (Type)
Canals
Rivers, Streams, and Small Watersheds

Solano Subbasin Historical Evaporation (acre-feet, rounded)

WY (Type)		Canals	Rivers, Streams, and Small Watersheds	Total
1991 (C)		990	11,000	12,000
1992 (C)		1,100	11,000	12,000
1993 (AN)		1,100	8,700	9,800
1994 (C)		1,000	10,000	11,000
1995 (W)		950	8,000	9,000
1996 (W)		1,000	9,900	11,000
1997 (W)		1,100	11,000	12,000
1998 (W)		980	7,500	8,500
1999 (W)		1,100	11,000	12,000
2000 (AN)		1,100	11,000	12,000
2001 (D)		1,100	12,000	13,000
2002 (D)		1,100	12,000	13,000
2003 (AN)		970	12,000	13,000
2004 (BN)		1,200	13,000	14,000
2005 (AN)		1,100	10,000	11,000
2006 (W)		1,100	11,000	12,000
2007 (D)		1,100	15,000	16,000
2008 (C)		1,200	15,000	16,000
2009 (D)		1,100	14,000	15,000
2010 (BN)		1,100	12,000	13,000
2011 (W)		1,100	11,000	12,000
2012 (BN)		1,100	15,000	16,000
2013 (D)		1,200	16,000	17,000
2014 (C)		1,100	18,000	19,000
2015 (C)		1,100	16,000	17,000
2016 (BN)		1,000	15,000	16,000
2017 (W)		1,000	12,000	13,000
2018 (BN)		1,100	14,000	15,000
2019 (W)		1,000	12,000	13,000
2020 (D)		1,100	15,000	16,000
2021 (C)		1,100	17,000	18,000
2022 (C)		1,000	13,000	14,000
2023 (C)		1,000	13,000	14,000
2024 (AN)		1,100	15,000	16,000
2025 (AN)		1,000	15,000	16,000
Average (1991-2025)		1,100	13,000	14,000
1991-2025	W	1,100	11,000	12,000
	AN	1,100	12,000	13,000
	BN	1,100	14,000	15,000
	D	1,100	14,000	15,000
	C	1,100	14,000	15,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



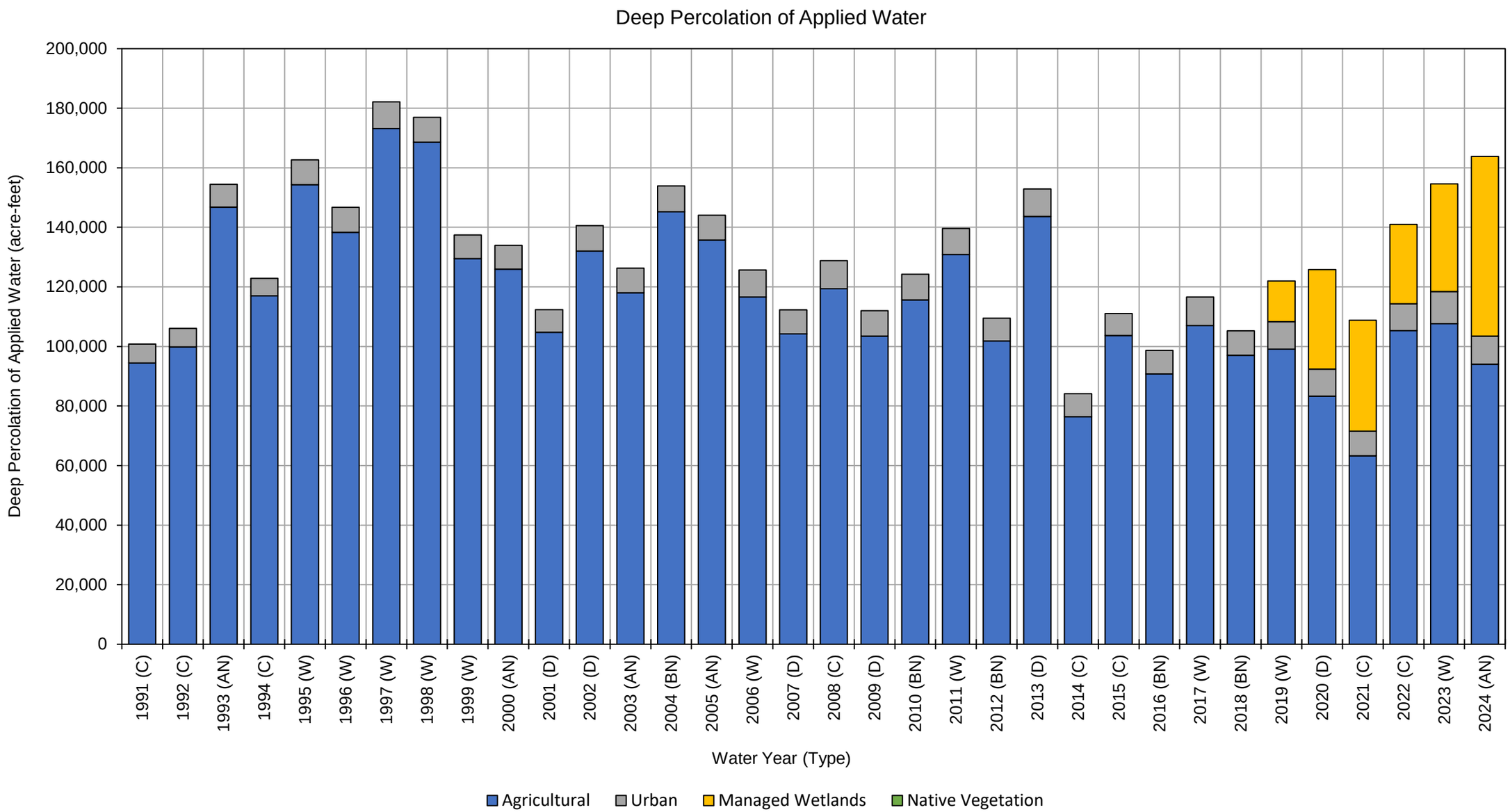
Solano IHM - Historical

Solano Subbasin Historical Surface Water Outflows, by Water Source Type (acre-feet, rounded)

WY (Type)		Local Supplies	State Water Project Supplies	Other (Groundwater Discharge)	Total
1991 (C)		13,000,000	0	0	13,000,000
1992 (C)		13,000,000	0	0	13,000,000
1993 (AN)		31,000,000	0	10,000	31,000,000
1994 (C)		14,000,000	0	25,000	14,000,000
1995 (W)		56,000,000	0	2,000	56,000,000
1996 (W)		38,000,000	0	33,000	38,000,000
1997 (W)		47,000,000	0	49,000	47,000,000
1998 (W)		58,000,000	0	69,000	58,000,000
1999 (W)		33,000,000	0	64,000	33,000,000
2000 (AN)		30,000,000	0	41,000	30,000,000
2001 (D)		16,000,000	0	27,000	16,000,000
2002 (D)		19,000,000	0	630	19,000,000
2003 (AN)		26,000,000	0	0	26,000,000
2004 (BN)		26,000,000	0	0	26,000,000
2005 (AN)		27,000,000	0	43,000	27,000,000
2006 (W)		57,000,000	0	12,000	57,000,000
2007 (D)		17,000,000	0	3,000	17,000,000
2008 (C)		16,000,000	0	0	16,000,000
2009 (D)		15,000,000	0	0	15,000,000
2010 (BN)		20,000,000	0	1,400	20,000,000
2011 (W)		42,000,000	0	26,000	42,000,000
2012 (BN)		19,000,000	0	7,700	19,000,000
2013 (D)		18,000,000	0	3,600	18,000,000
2014 (C)		11,000,000	0	0	11,000,000
2015 (C)		12,000,000	0	0	12,000,000
2016 (BN)		21,000,000	0	0	21,000,000
2017 (W)		58,000,000	0	0	58,000,000
2018 (BN)		20,000,000	0	0	20,000,000
2019 (W)		39,000,000	0	0	39,000,000
2020 (D)		17,000,000	0	29,000	17,000,000
2021 (C)		12,000,000	0	53,000	12,000,000
2022 (C)		15,000,000	0	60,000	15,000,000
2023 (C)		38,000,000	0	0	38,000,000
2024 (AN)		29,000,000	0	0	29,000,000
2025 (AN)		28,000,000	0	0	28,000,000
Average (1991-2025)		27,000,000	0	16,000	27,000,000
1991-2025	W	47,000,000	0	26,000	47,000,000
	AN	29,000,000	0	16,000	29,000,000
	BN	21,000,000	0	1,800	21,000,000
	D	17,000,000	0	11,000	17,000,000
	C	13,000,000	0	17,000	13,000,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

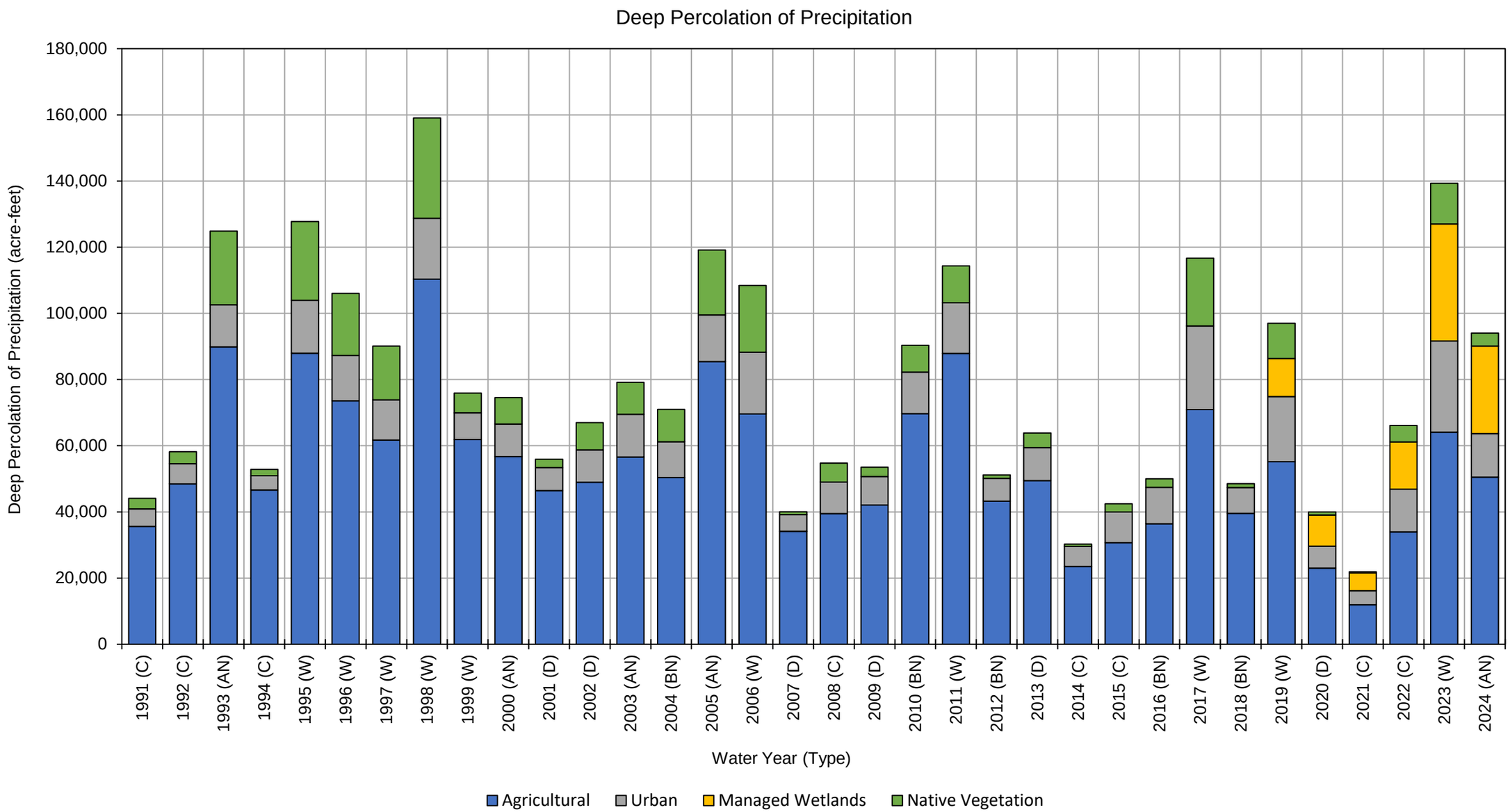

Deep Percolation of Applied Water
Deep Percolation of Applied Water (acre-feet)
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
Water Year (Type)
Agricultural
Urban
Managed Wetlands
Native Vegetation

Solano Subbasin Historical Deep Percolation of Applied Water, by Water Use Sector (acre-feet, rounded)

WY (Type)		Agricultural	Urban	Managed Wetlands	Native Vegetation	Total
1991 (C)		94,000	6,400	0	0	100,000
1992 (C)		100,000	6,200	0	0	110,000
1993 (AN)		150,000	7,600	0	0	160,000
1994 (C)		120,000	5,900	0	0	130,000
1995 (W)		150,000	8,300	0	0	160,000
1996 (W)		140,000	8,400	0	0	150,000
1997 (W)		170,000	8,900	0	0	180,000
1998 (W)		170,000	8,300	0	0	180,000
1999 (W)		130,000	7,900	0	0	140,000
2000 (AN)		130,000	8,000	0	0	140,000
2001 (D)		100,000	7,600	0	0	110,000
2002 (D)		130,000	8,500	0	0	140,000
2003 (AN)		120,000	8,300	0	0	130,000
2004 (BN)		150,000	8,700	0	0	160,000
2005 (AN)		140,000	8,300	0	0	150,000
2006 (W)		120,000	9,100	0	0	130,000
2007 (D)		100,000	8,000	0	0	110,000
2008 (C)		120,000	9,400	0	0	130,000
2009 (D)		100,000	8,600	0	0	110,000
2010 (BN)		120,000	8,600	0	0	130,000
2011 (W)		130,000	8,800	0	0	140,000
2012 (BN)		100,000	7,700	0	0	110,000
2013 (D)		140,000	9,300	0	0	150,000
2014 (C)		76,000	7,700	0	0	84,000
2015 (C)		100,000	7,400	0	0	110,000
2016 (BN)		91,000	7,900	0	0	99,000
2017 (W)		110,000	9,600	0	0	120,000
2018 (BN)		97,000	8,200	0	0	110,000
2019 (W)		99,000	9,200	14,000	0	120,000
2020 (D)		83,000	9,100	33,000	0	130,000
2021 (C)		63,000	8,200	37,000	0	110,000
2022 (C)		110,000	9,100	27,000	0	150,000
2023 (C)		110,000	11,000	36,000	0	160,000
2024 (AN)		94,000	9,400	60,000	0	160,000
2025 (AN)		92,000	9,800	60,000	0	160,000
Average (1991-2025)		120,000	8,400	7,600	0	140,000
1991-2025	W	130,000	8,900	5,000	0	140,000
	AN	120,000	8,600	20,000	0	150,000
	BN	110,000	8,200	0	0	120,000
	D	110,000	8,500	5,600	0	120,000
	C	97,000	7,500	8,000	0	110,000

Note: Modeling of Managed Wetlands as a water use sector began in WY 2019.
Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical

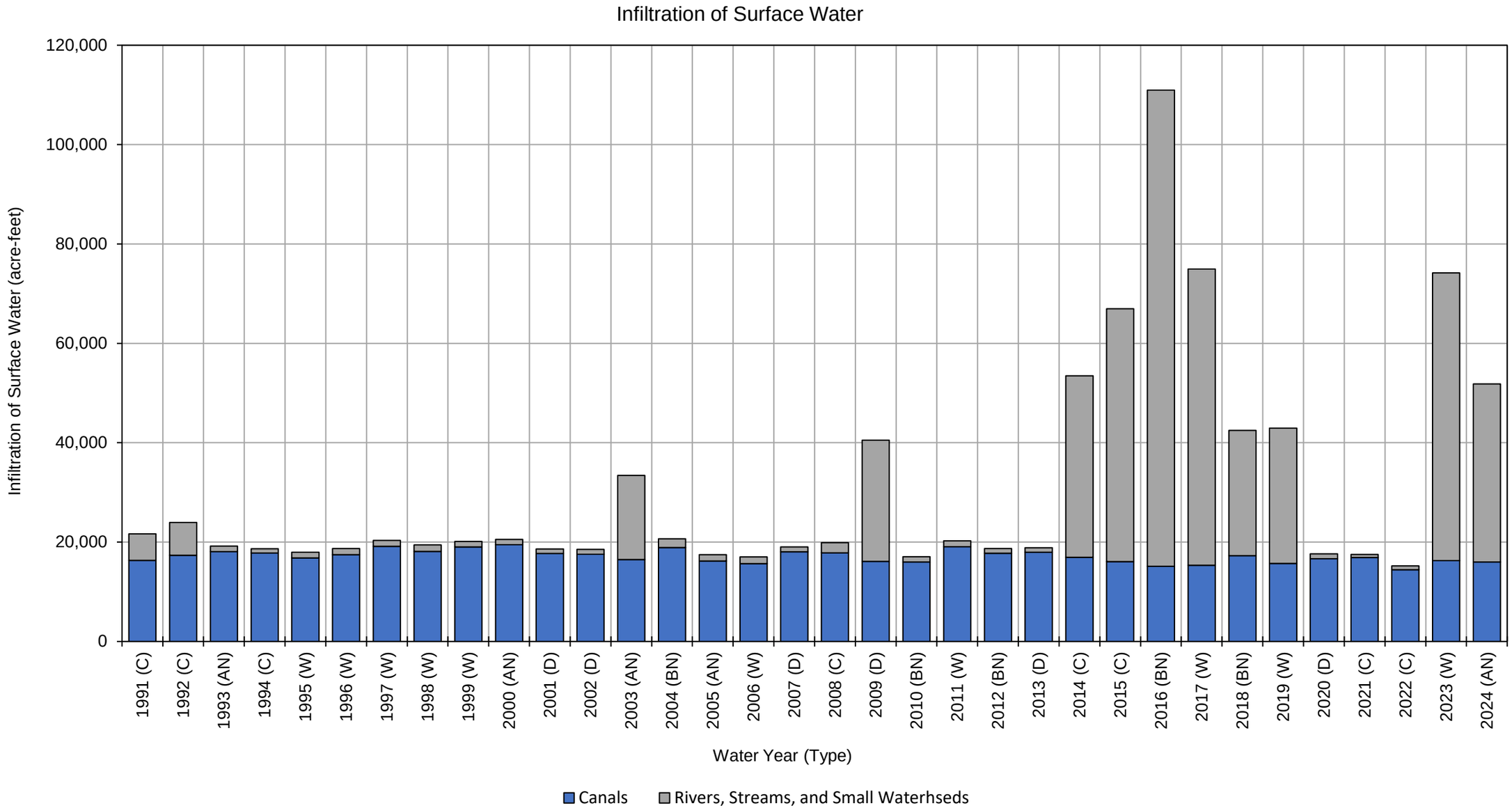

Deep Percolation of Precipitation
Deep Percolation of Precipitation (acre-feet)
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
1991 (C)
1992 (C)
1993 (AN)
1994 (C)
1995 (W)
1996 (W)
1997 (W)
1998 (W)
1999 (W)
2000 (AN)
2001 (D)
2002 (D)
2003 (AN)
2004 (BN)
2005 (AN)
2006 (W)
2007 (D)
2008 (C)
2009 (D)
2010 (BN)
2011 (W)
2012 (BN)
2013 (D)
2014 (C)
2015 (C)
2016 (BN)
2017 (W)
2018 (BN)
2019 (W)
2020 (D)
2021 (C)
2022 (C)
2023 (W)
2024 (AN)
Water Year (Type)
Agricultural
Urban
Managed Wetlands
Native Vegetation

Solano Subbasin Historical Deep Percolation of Precipitation, by Water Use Sector
(acre-feet, rounded)

WY (Type)		Agricultural	Urban	Managed Wetlands	Native Vegetation	Total
1991 (C)		36,000	5,300	0	3,200	45,000
1992 (C)		48,000	6,100	0	3,600	58,000
1993 (AN)		90,000	13,000	0	22,000	130,000
1994 (C)		47,000	4,300	0	1,900	53,000
1995 (W)		88,000	16,000	0	24,000	130,000
1996 (W)		74,000	14,000	0	19,000	110,000
1997 (W)		62,000	12,000	0	16,000	90,000
1998 (W)		110,000	18,000	0	30,000	160,000
1999 (W)		62,000	8,100	0	6,000	76,000
2000 (AN)		57,000	9,800	0	8,000	75,000
2001 (D)		46,000	6,900	0	2,600	56,000
2002 (D)		49,000	9,800	0	8,300	67,000
2003 (AN)		57,000	13,000	0	9,700	80,000
2004 (BN)		50,000	11,000	0	9,800	71,000
2005 (AN)		85,000	14,000	0	20,000	120,000
2006 (W)		70,000	19,000	0	20,000	110,000
2007 (D)		34,000	5,000	0	880	40,000
2008 (C)		39,000	9,500	0	5,700	54,000
2009 (D)		42,000	8,600	0	2,800	53,000
2010 (BN)		70,000	13,000	0	8,100	91,000
2011 (W)		88,000	15,000	0	11,000	110,000
2012 (BN)		43,000	6,900	0	1,000	51,000
2013 (D)		49,000	10,000	0	4,500	64,000
2014 (C)		23,000	6,100	0	690	30,000
2015 (C)		31,000	9,300	0	2,500	43,000
2016 (BN)		36,000	11,000	0	2,600	50,000
2017 (W)		71,000	25,000	0	20,000	120,000
2018 (BN)		40,000	7,800	0	1,200	49,000
2019 (W)		55,000	20,000	11,000	11,000	97,000
2020 (D)		23,000	6,700	9,500	920	40,000
2021 (C)		12,000	4,300	5,400	330	22,000
2022 (C)		34,000	13,000	14,000	5,000	66,000
2023 (C)		64,000	28,000	35,000	12,000	140,000
2024 (AN)		51,000	13,000	26,000	4,000	94,000
2025 (AN)		37,000	11,000	20,000	2,800	71,000
Average (1991-2025)		53,000	12,000	3,500	8,600	77,000
1991-2025	W	74,000	17,000	4,700	17,000	110,000
	AN	63,000	12,000	7,700	11,000	94,000
	BN	48,000	9,800	0	4,500	62,000
	D	41,000	7,800	1,600	3,300	54,000
	C	34,000	7,200	2,500	2,900	47,000

Note: Modeling of Managed Wetlands as a water use sector began in WY 2019.
Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



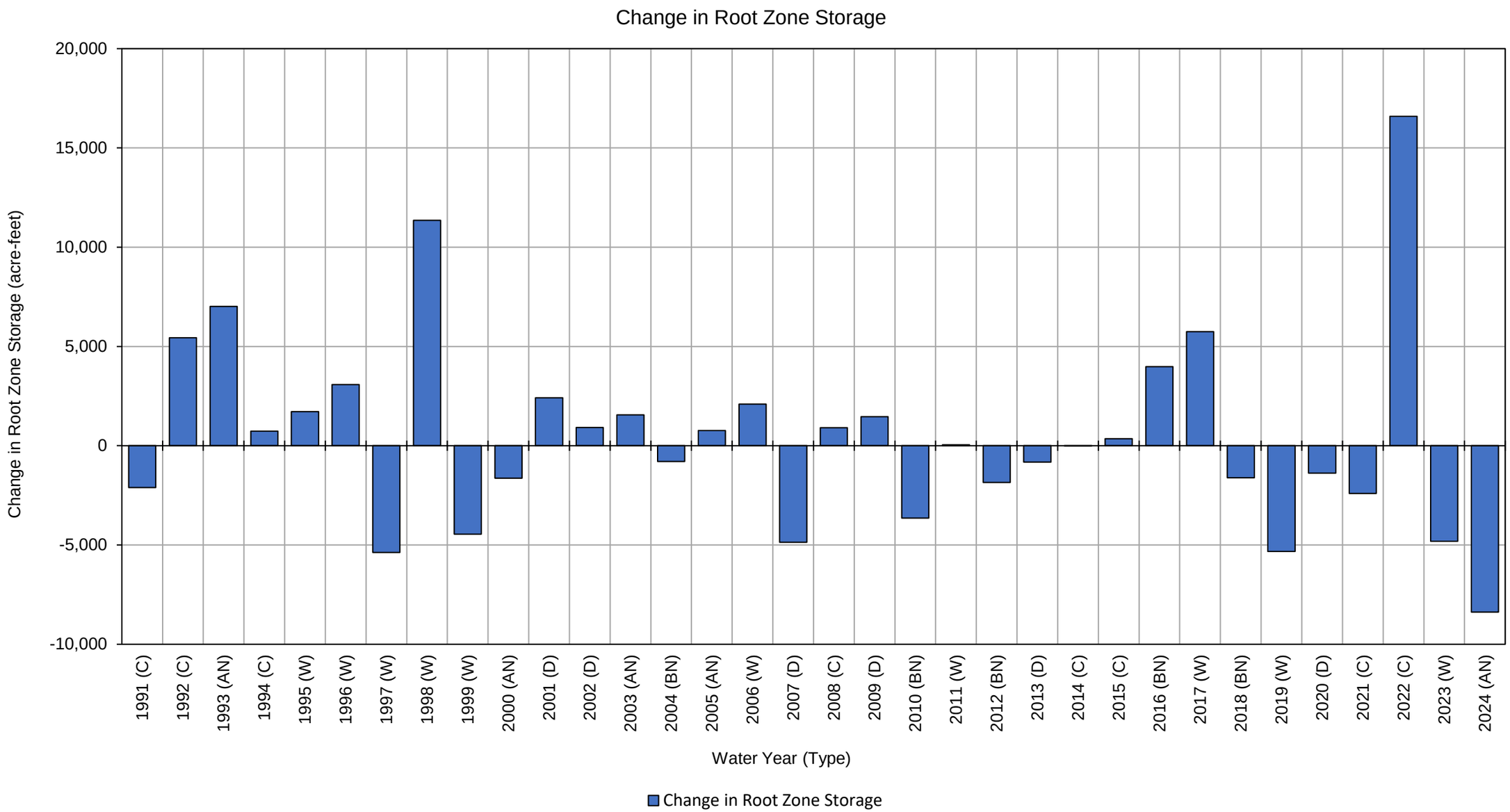
Solano IHM - Historical

Solano Subbasin Historical Infiltration of Surface Water (acre-feet, rounded)

WY (Type)		Canals	Rivers, Streams, and Small Waterhseds	Total
1991 (C)		16,000	5,400	21,000
1992 (C)		17,000	6,600	24,000
1993 (AN)		18,000	1,100	19,000
1994 (C)		18,000	870	19,000
1995 (W)		17,000	1,100	18,000
1996 (W)		17,000	1,200	18,000
1997 (W)		19,000	1,200	20,000
1998 (W)		18,000	1,300	19,000
1999 (W)		19,000	1,100	20,000
2000 (AN)		19,000	1,100	20,000
2001 (D)		18,000	910	19,000
2002 (D)		18,000	990	19,000
2003 (AN)		16,000	17,000	33,000
2004 (BN)		19,000	1,800	21,000
2005 (AN)		16,000	1,300	17,000
2006 (W)		16,000	1,300	17,000
2007 (D)		18,000	980	19,000
2008 (C)		18,000	2,100	20,000
2009 (D)		16,000	24,000	40,000
2010 (BN)		16,000	1,100	17,000
2011 (W)		19,000	1,200	20,000
2012 (BN)		18,000	930	19,000
2013 (D)		18,000	900	19,000
2014 (C)		17,000	37,000	54,000
2015 (C)		16,000	51,000	67,000
2016 (BN)		15,000	96,000	110,000
2017 (W)		15,000	60,000	75,000
2018 (BN)		17,000	25,000	42,000
2019 (W)		16,000	27,000	43,000
2020 (D)		17,000	970	18,000
2021 (C)		17,000	650	18,000
2022 (C)		14,000	790	15,000
2023 (C)		16,000	58,000	74,000
2024 (AN)		16,000	36,000	52,000
2025 (AN)		16,000	67,000	83,000
Average (1991-2025)		17,000	15,000	32,000
1991-2025	W	17,000	15,000	32,000
	AN	17,000	20,000	37,000
	BN	17,000	25,000	42,000
	D	17,000	4,900	22,000
	C	17,000	13,000	30,000

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry
C Critical



Solano IHM - Historical

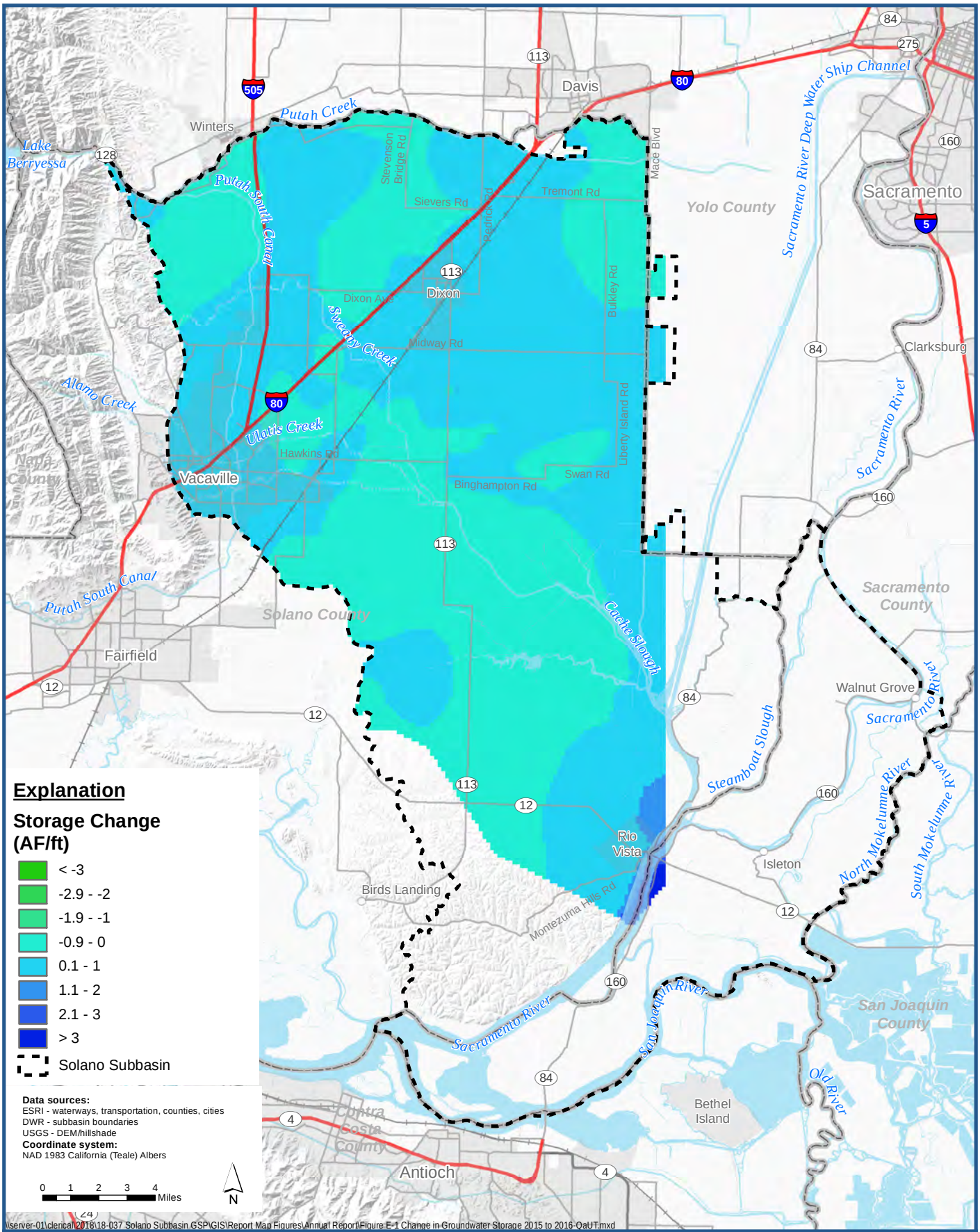
Solano Subbasin Historical Change in Root Zone Storage (acre-feet, rounded)

WY (Type)	Change in Root Zone Storage
1991 (C)	-2,100
1992 (C)	5,400
1993 (AN)	7,000
1994 (C)	730
1995 (W)	1,700
1996 (W)	3,100
1997 (W)	-5,400
1998 (W)	11,000
1999 (W)	-4,500
2000 (AN)	-1,600
2001 (D)	2,400
2002 (D)	920
2003 (AN)	1,600
2004 (BN)	-800
2005 (AN)	760
2006 (W)	2,100
2007 (D)	-4,900
2008 (C)	910
2009 (D)	1,500
2010 (BN)	-3,600
2011 (W)	50
2012 (BN)	-1,900
2013 (D)	-830
2014 (C)	-20
2015 (C)	350
2016 (BN)	4,000
2017 (W)	5,800
2018 (BN)	-1,600
2019 (W)	-5,300
2020 (D)	-1,400
2021 (C)	-2,400
2022 (C)	17,000
2023 (C)	-4,800
2024 (AN)	-8,400
2025 (AN)	1,500
Average (1991-2025)	520
1991-2025 W	410
1991-2025 AN	130
1991-2025 BN	-790
1991-2025 D	-380
1991-2025 C	2,400

Note: Water Year Type is based on the Sacramento Valley Water Year Index and is classified into five types:

W Wet
AN Above Normal
BN Below Normal
D Dry

Appendix F Historical Change in Storage Maps



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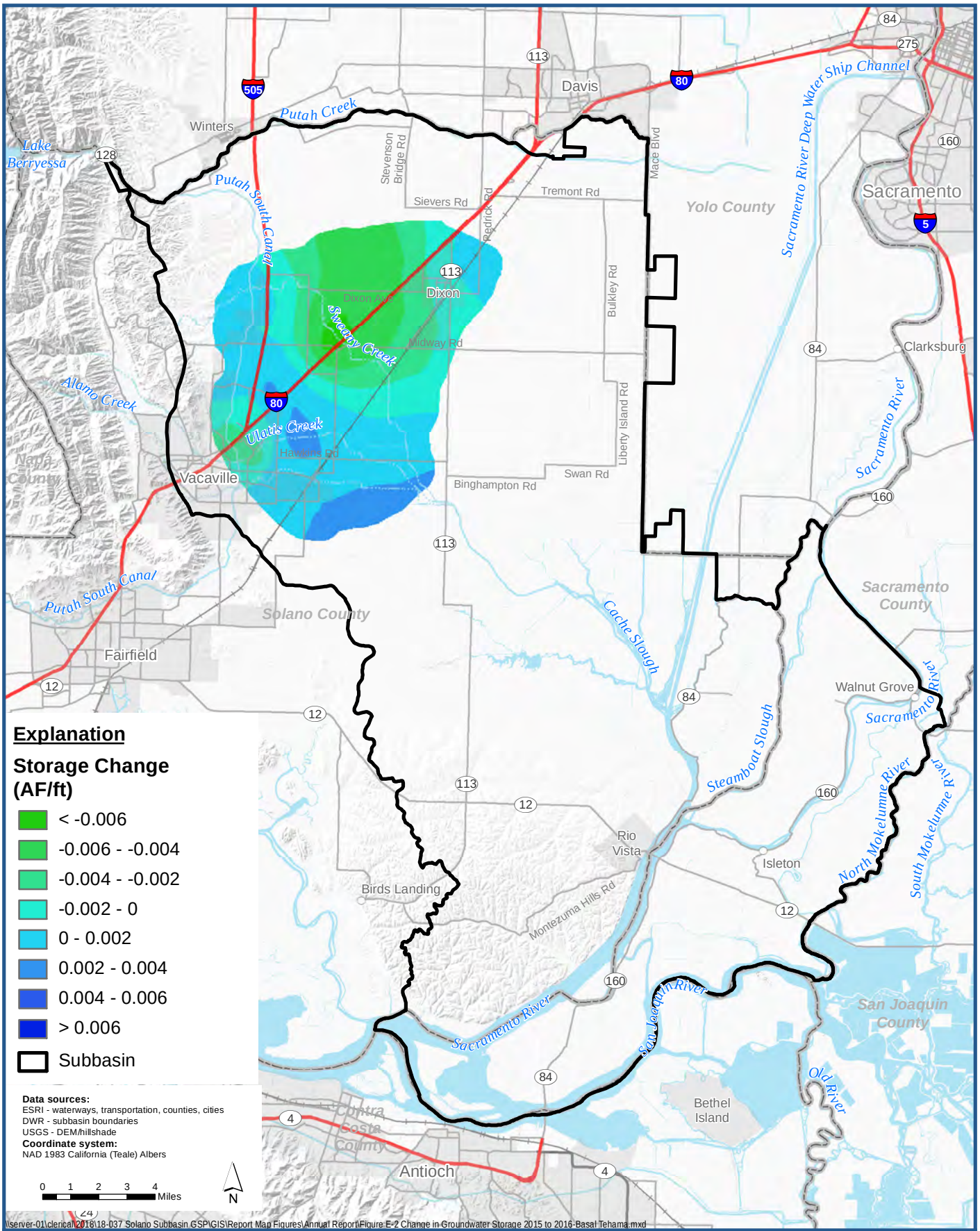
Groundwater Storage Change 2015 to 2016- Alluvial/Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-1



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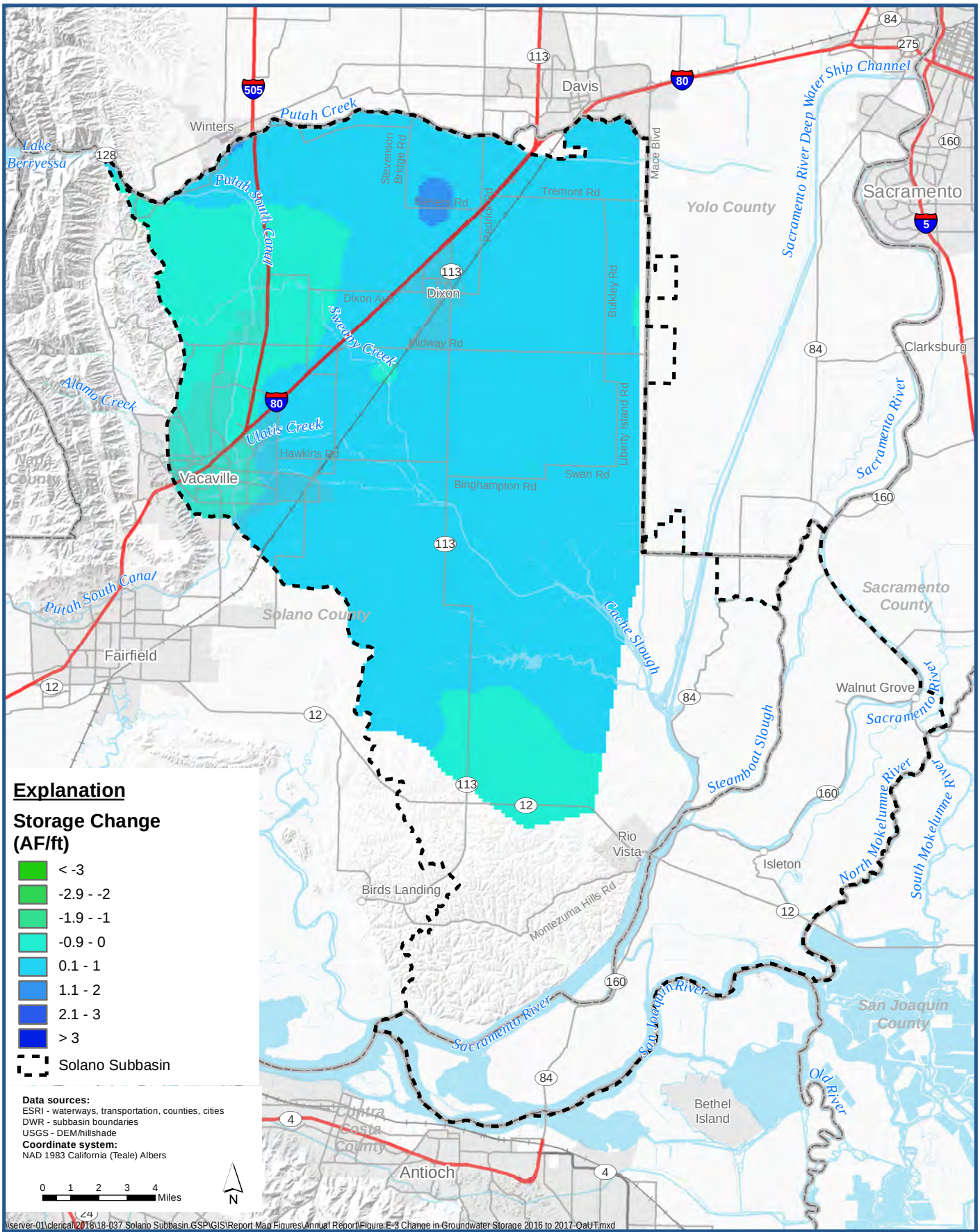
Change in Groundwater Storage 2016 to 2015-Basal Tehama

Annual Groundwater Report Solano Subbasin and Solano County

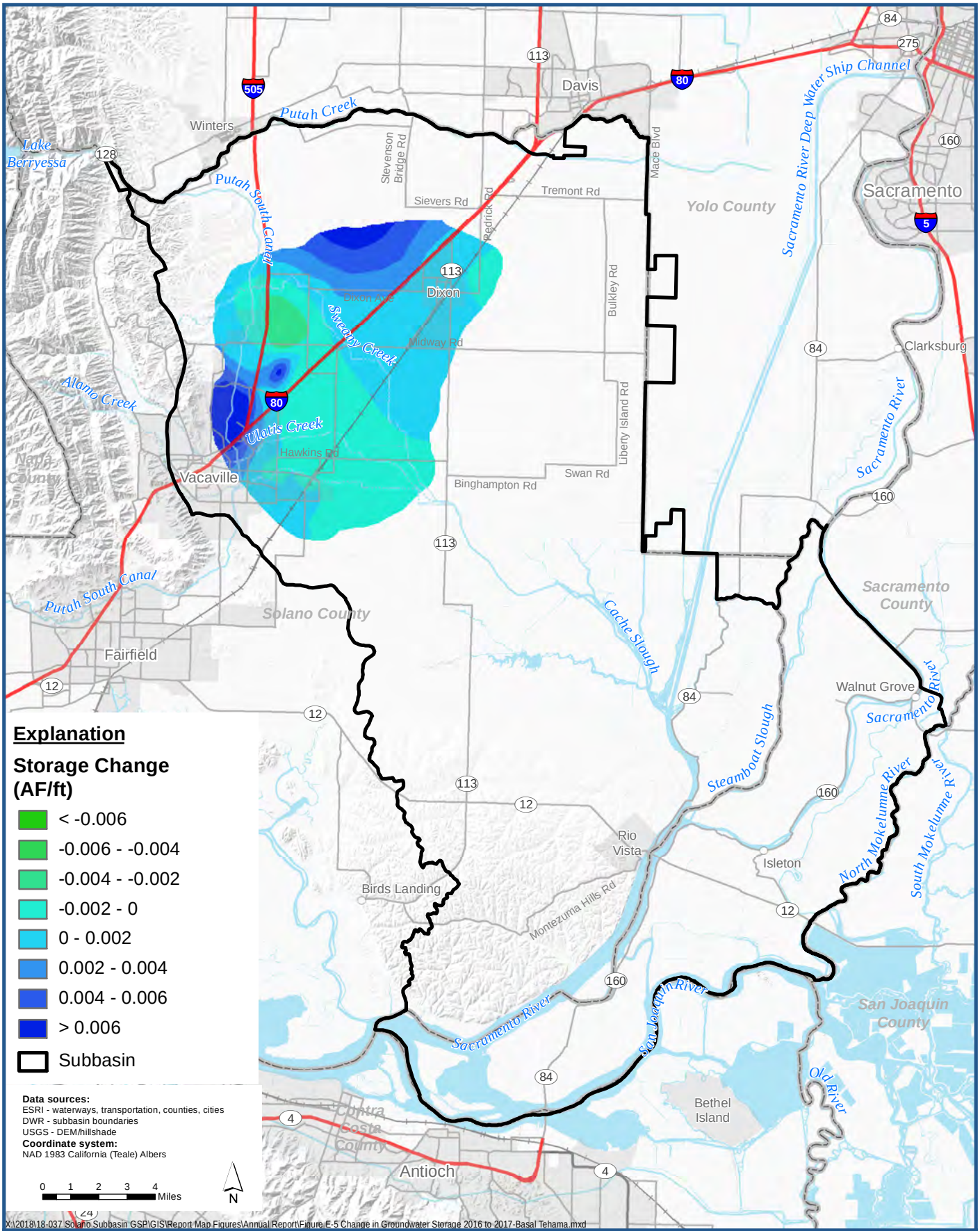
Figure F-2



Groundwater Storage Change 2016 to 2017- Alluvial/Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

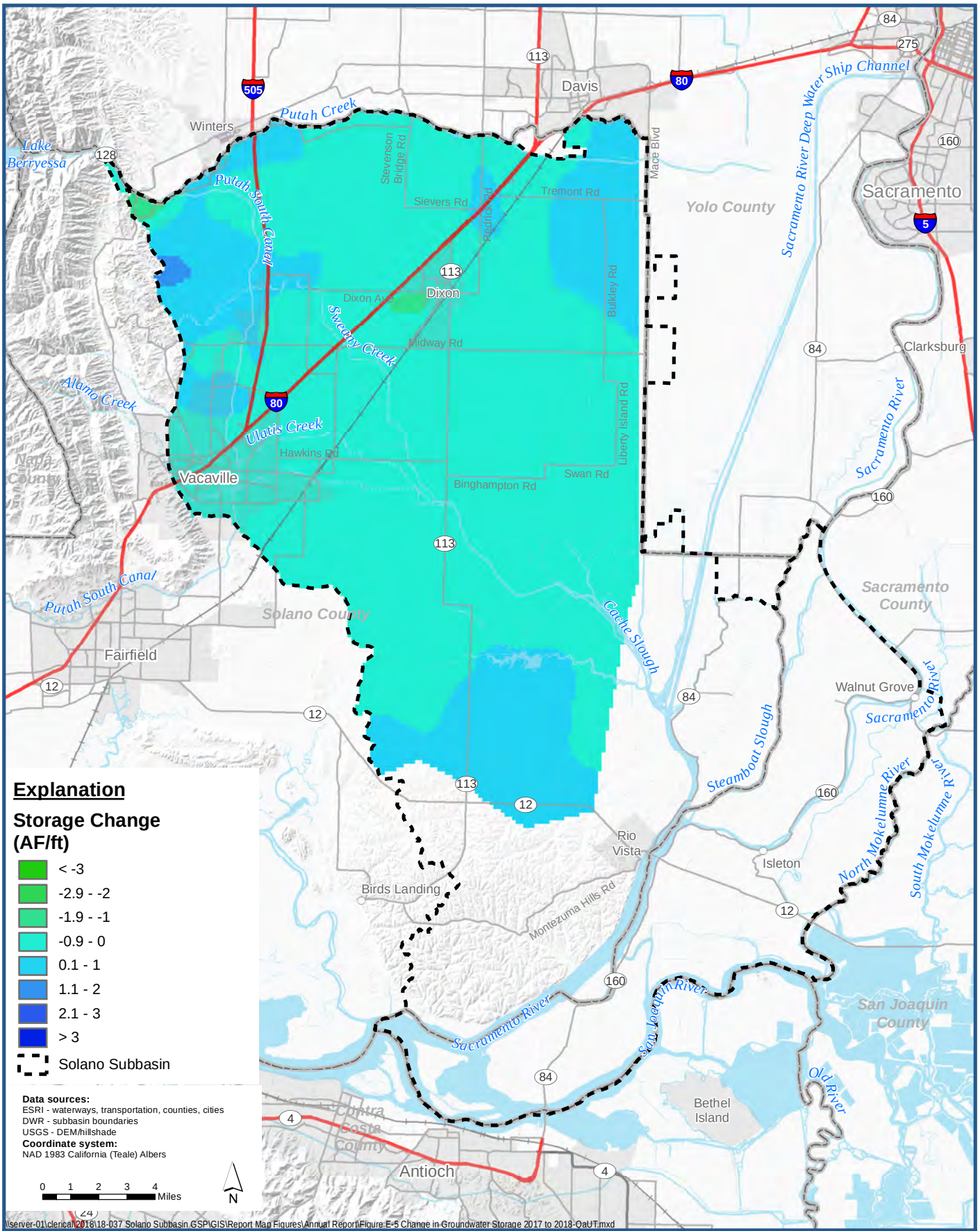
Figure F-3



Change in Groundwater Storage 2017 to 2016-Basal Tehama

Figure F-4

Annual Groundwater Report Solano Subbasin and Solano County



SOLANO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN

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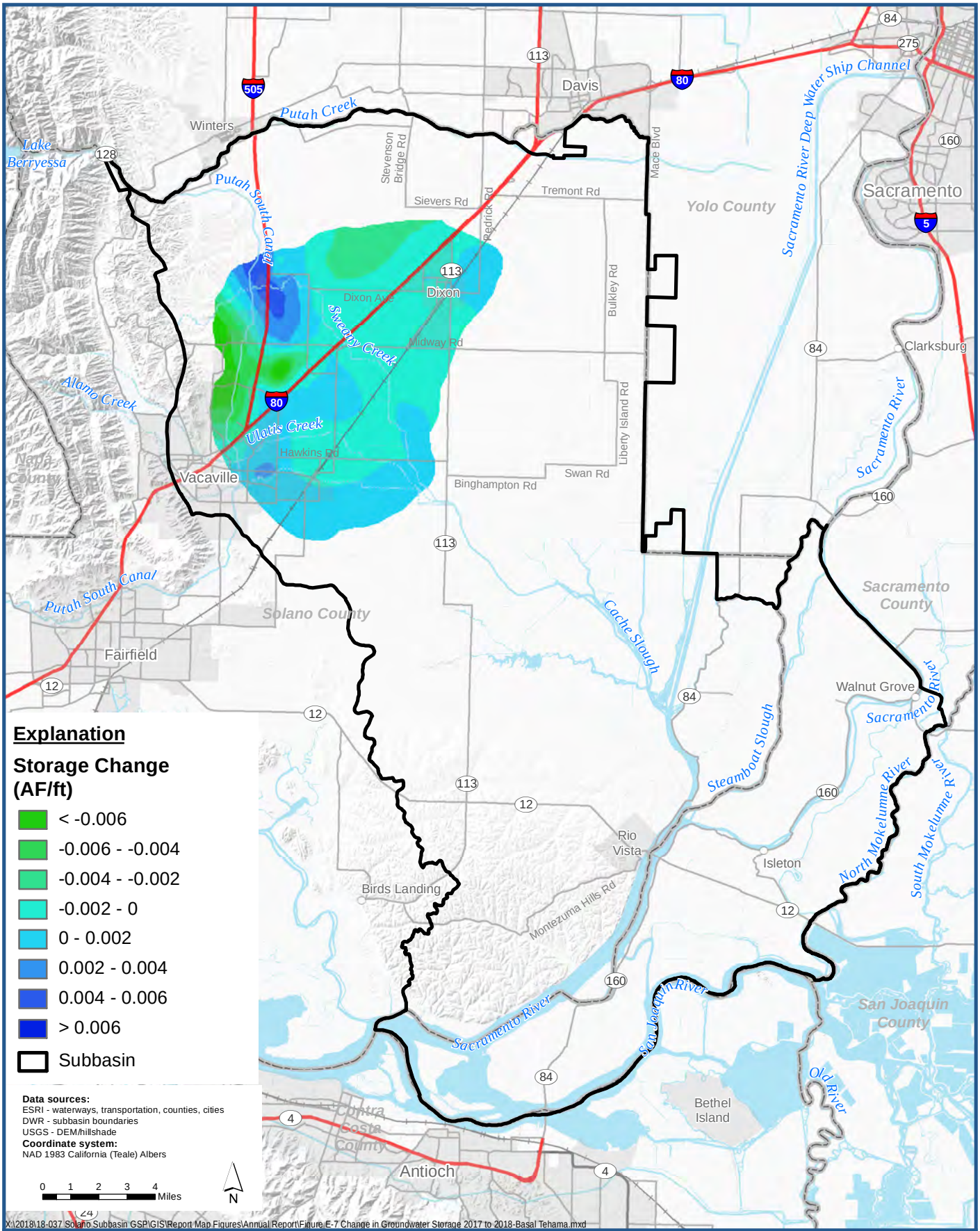
Groundwater Storage Change 2017 to 2018- Alluvial/Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-5



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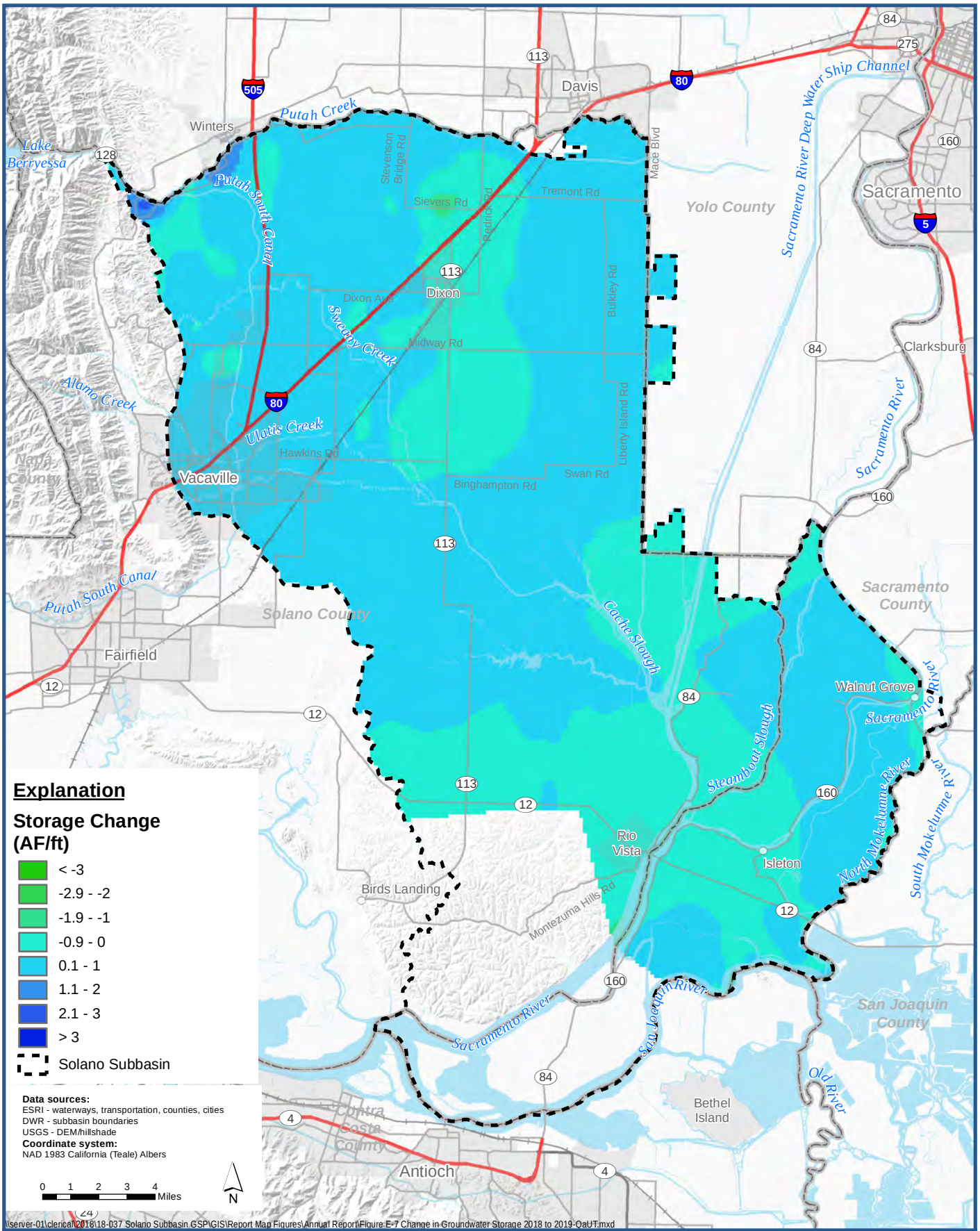
Change in Groundwater Storage 2018 to 2017-Basal Tehama

Annual Groundwater Report Solano Subbasin and Solano County

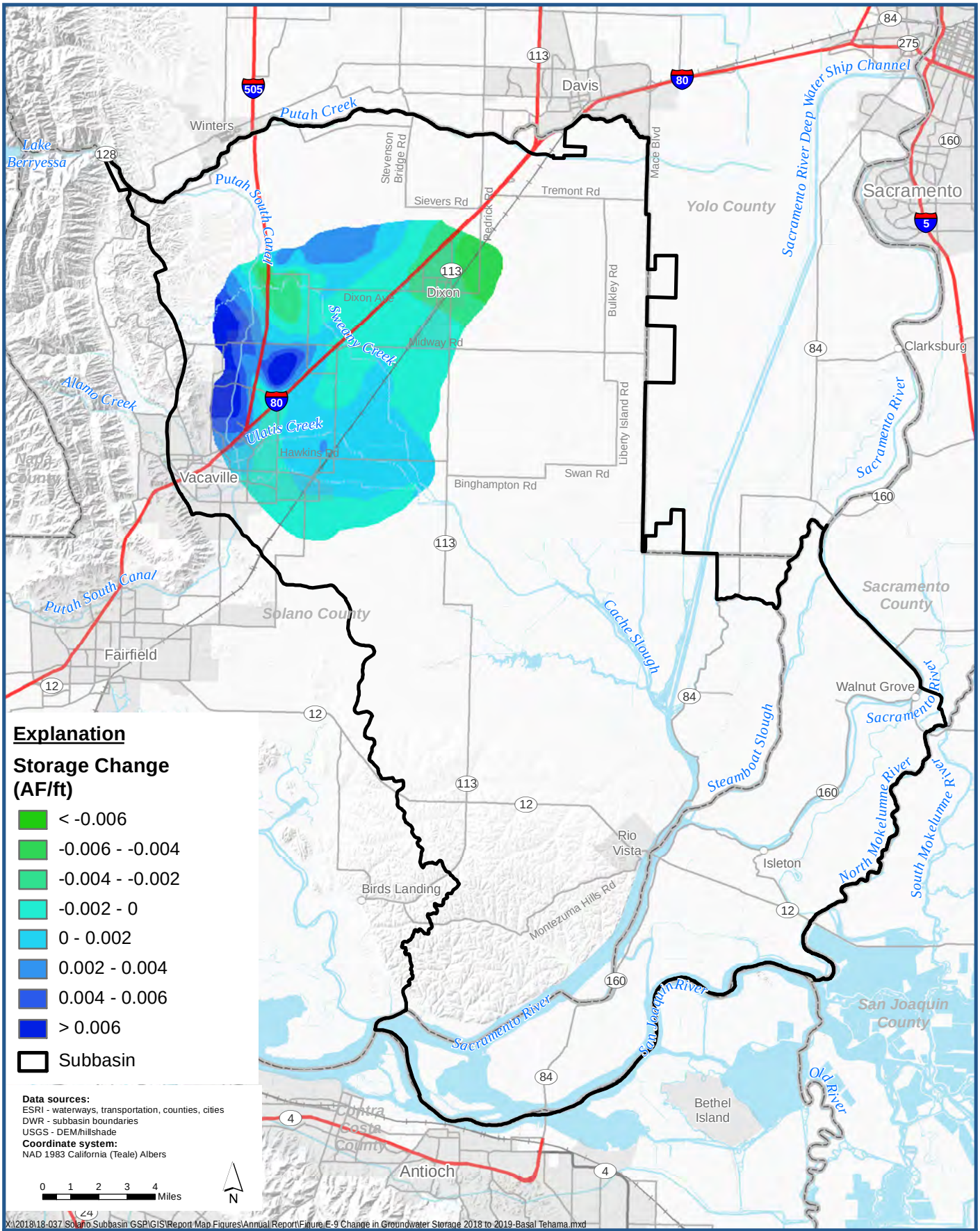
Figure F-6



Groundwater Storage Change 2018 to 2019-Alluvial/Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-7



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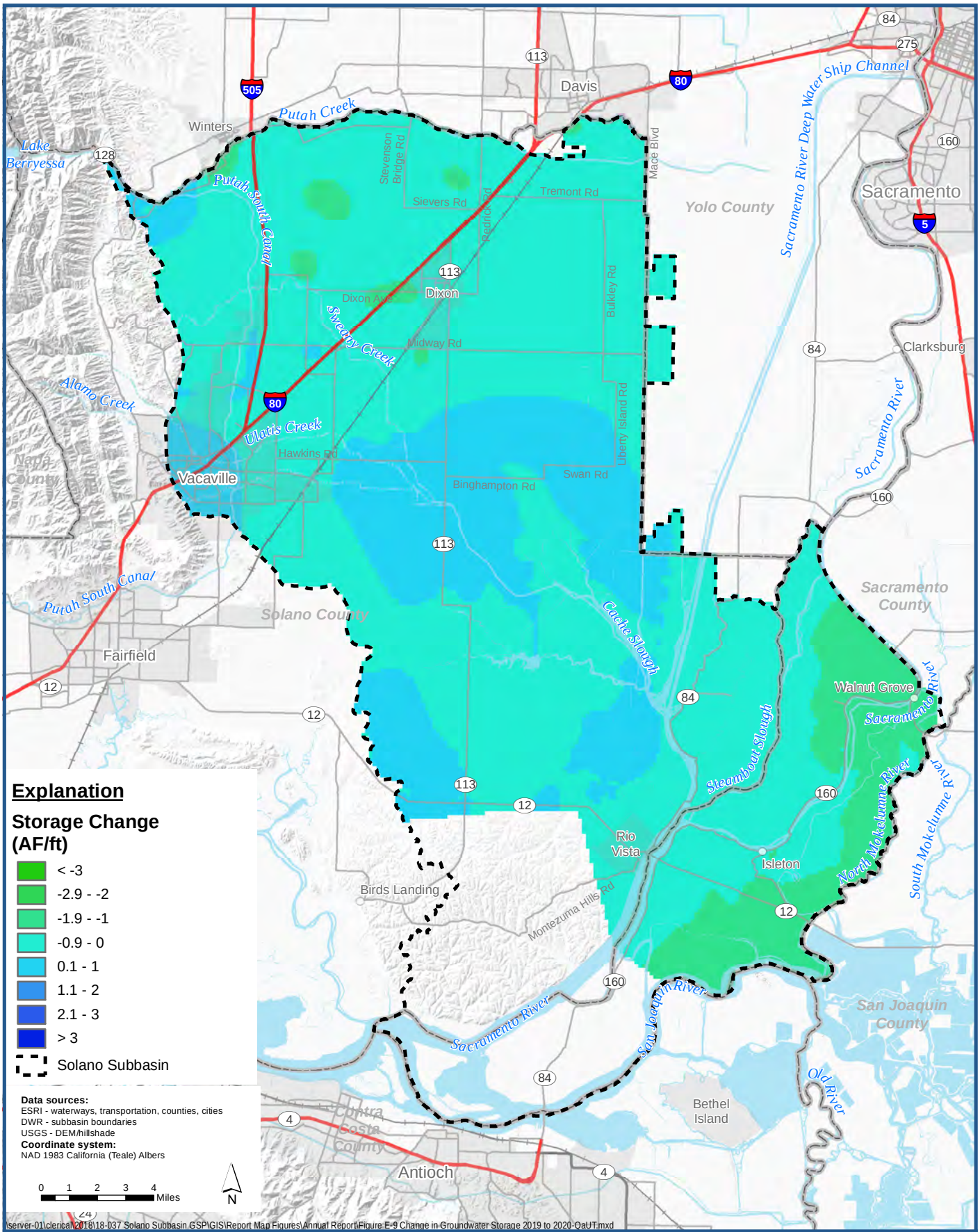
Change in Groundwater Storage 2019 to 2018-Basal Tehama

Annual Groundwater Report Solano Subbasin and Solano County

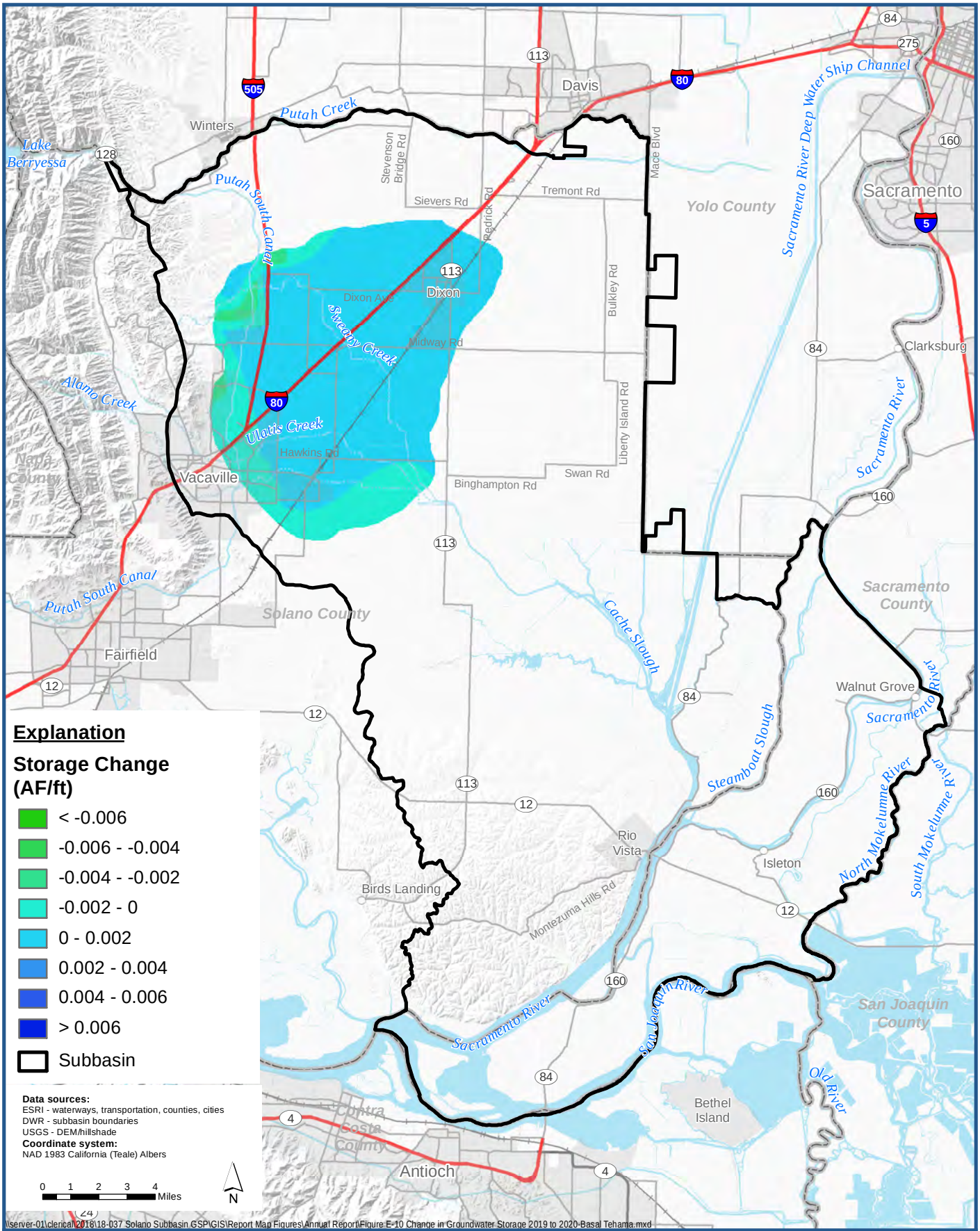
Figure F-8



Groundwater Storage Change 2019 to 2020- Alluvial/Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

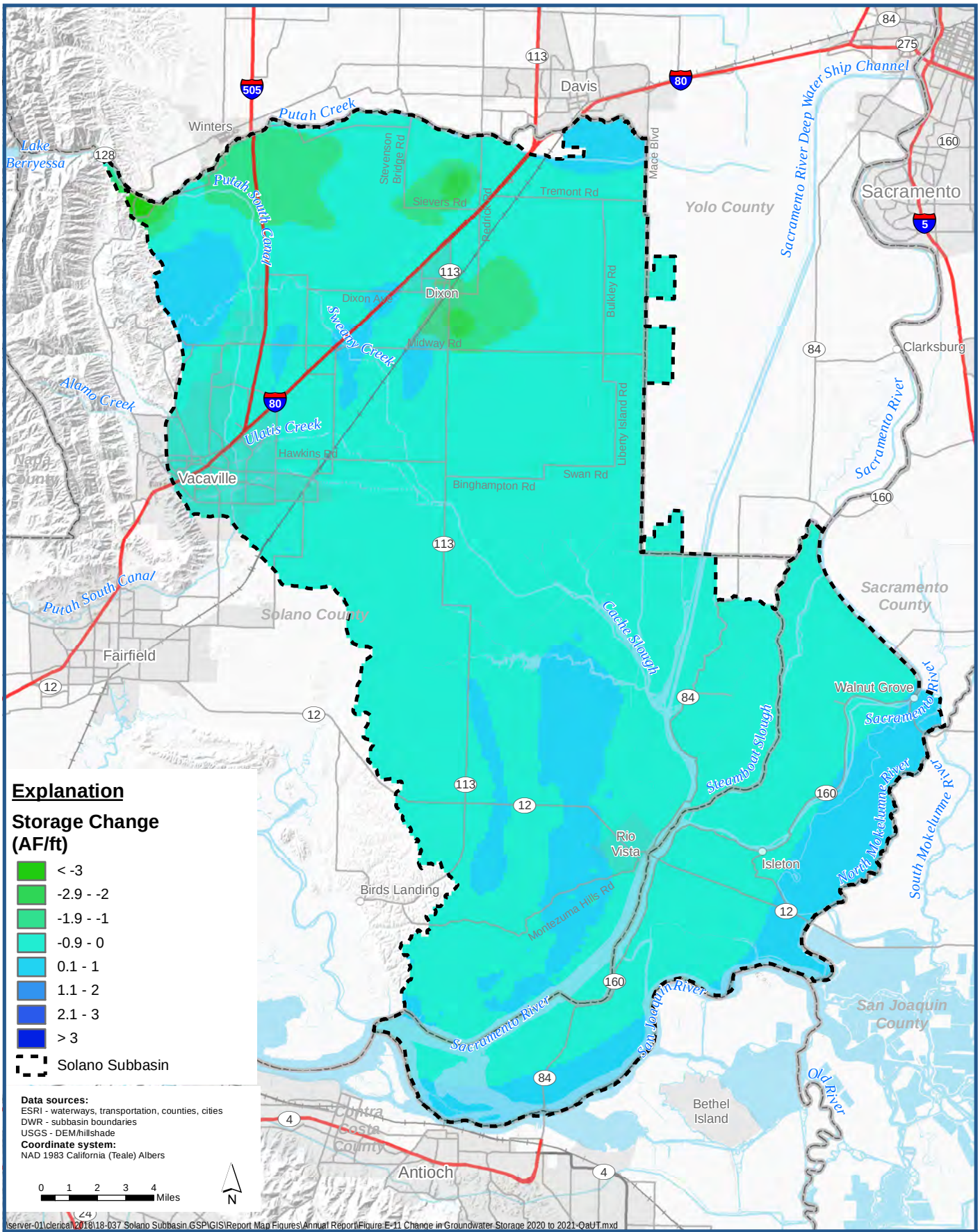
Figure F-9



Change in Groundwater Storage 2020 to 2019-Basal Tehama

Annual Groundwater Report Solano Subbasin and Solano County

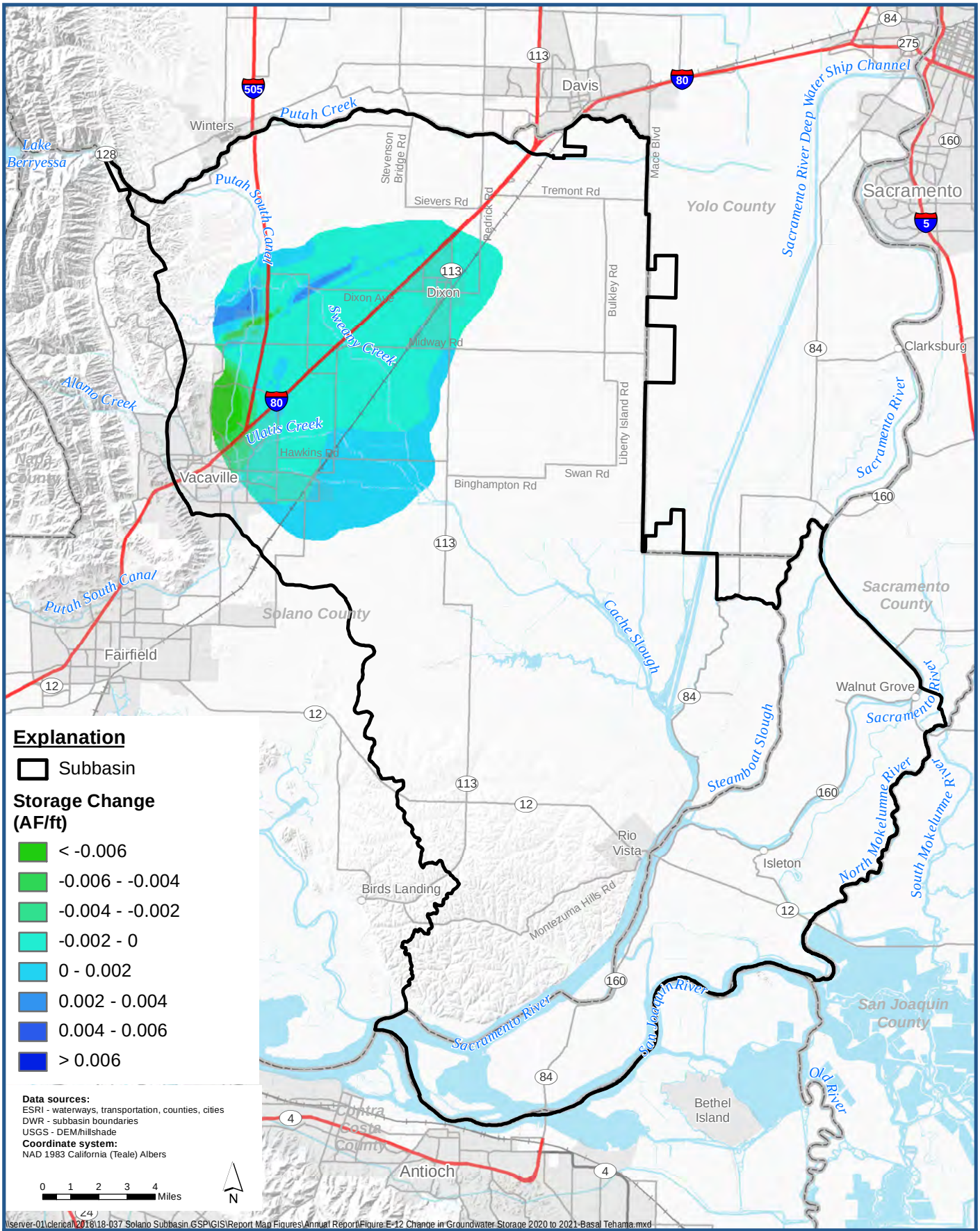
Figure F-10



Groundwater Storage Change 2020 to 2021- Alluvial/Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-11



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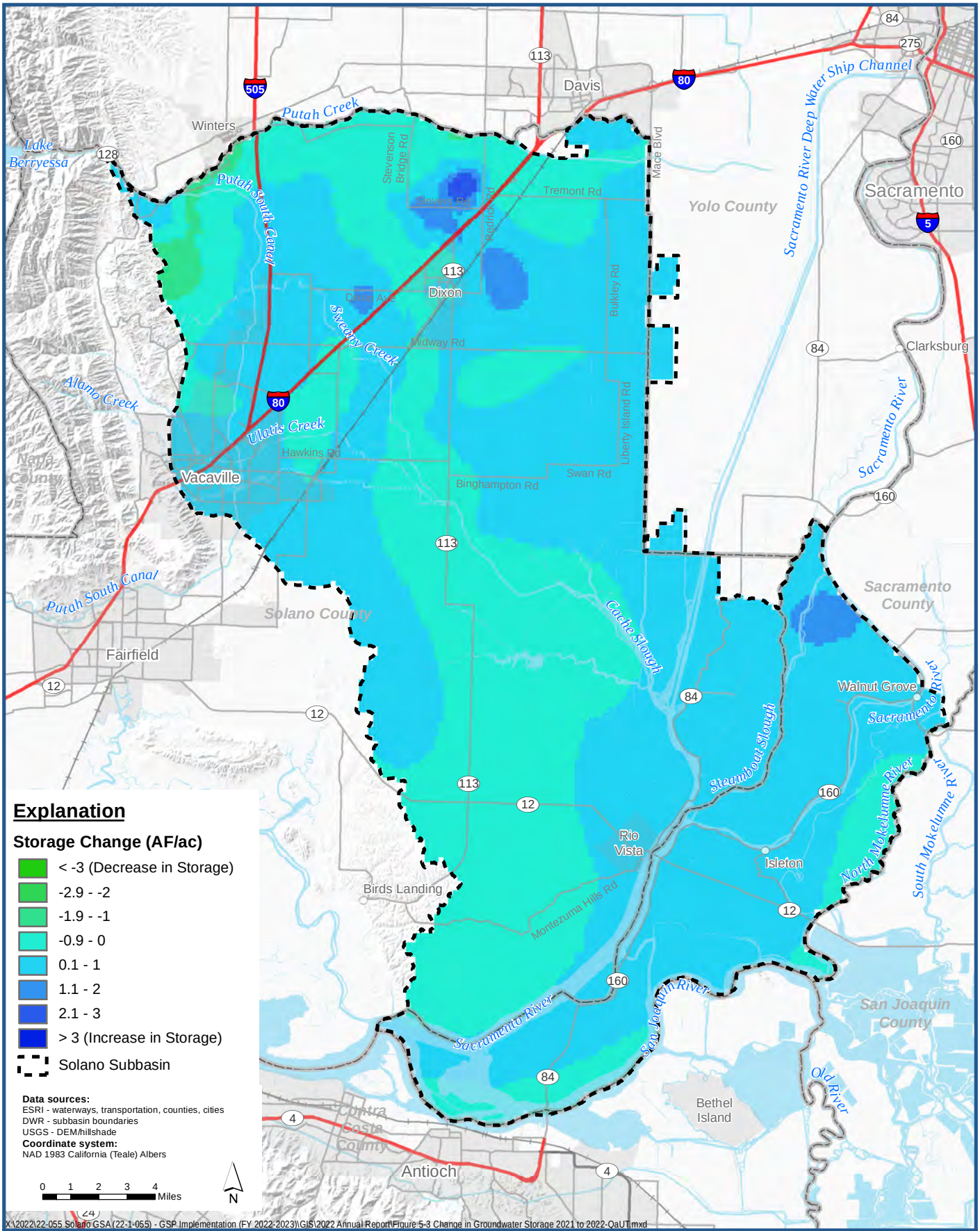
Change in Groundwater Storage 2020 to 2021-Basal Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-12



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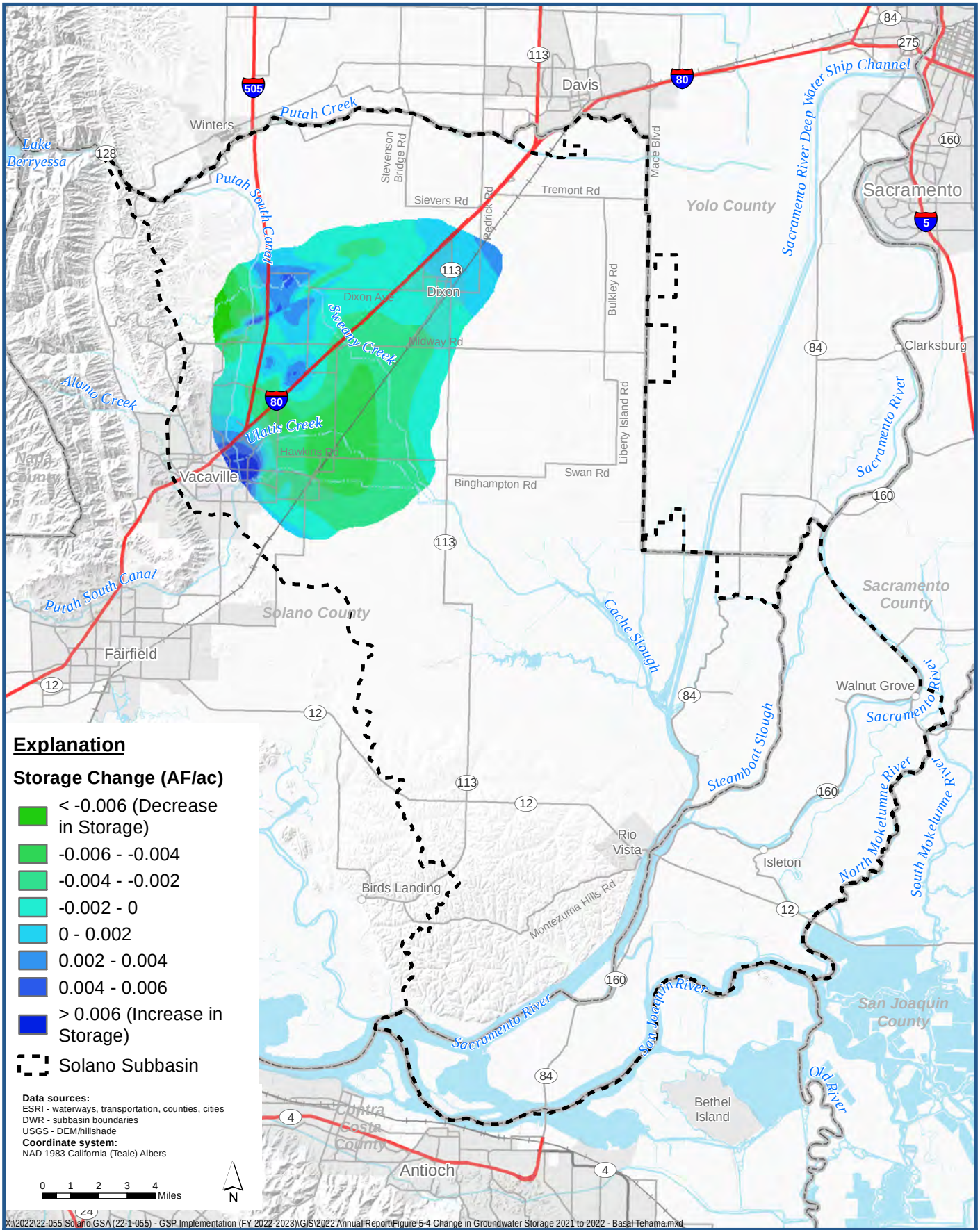
Groundwater Storage Change Spring 2021 - 2022
Alluvial / Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-13



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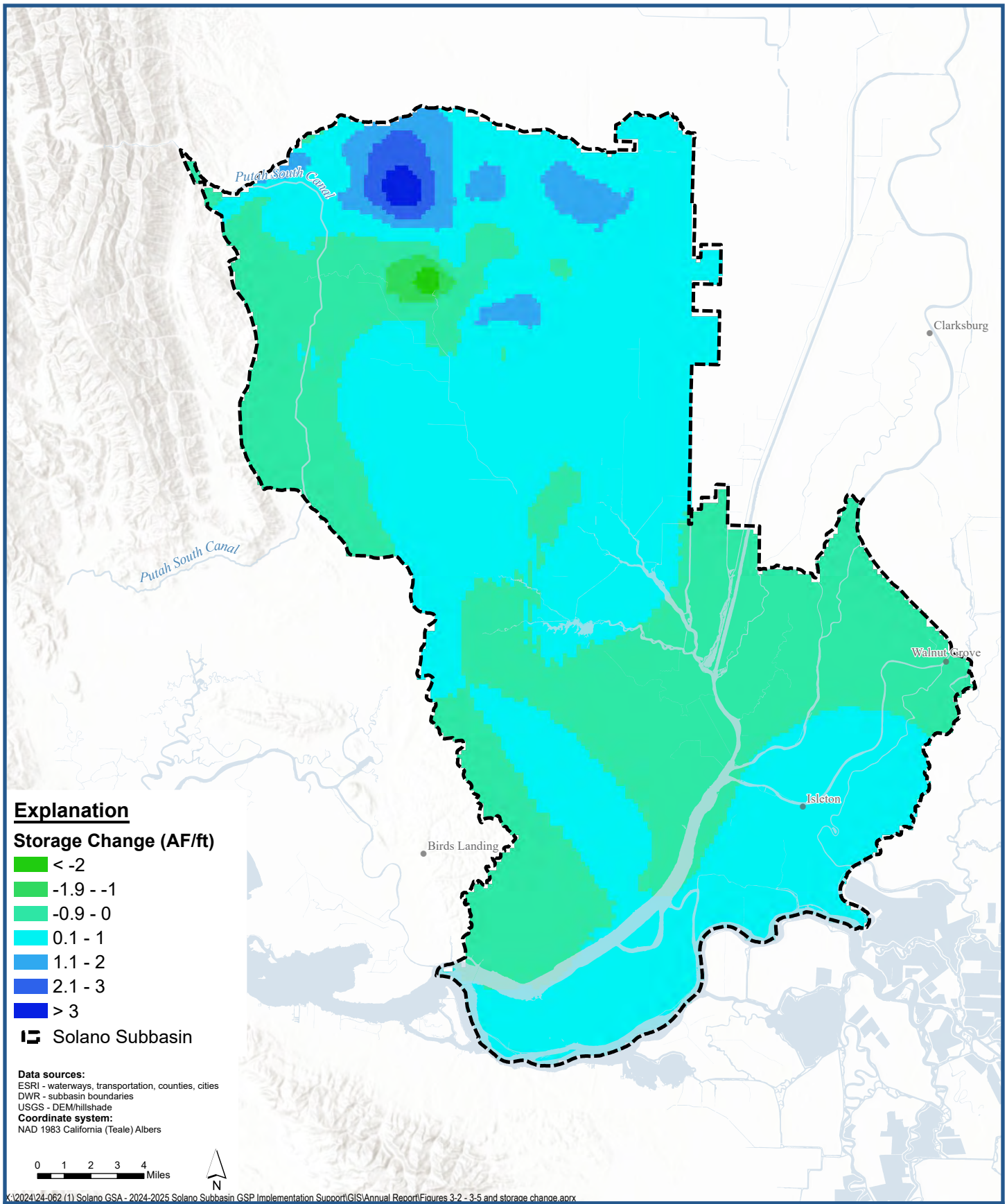
Change in Groundwater Storage Spring 2021 - 2022
Basal Tehama

Annual Groundwater Report Solano Subbasin and Solano County

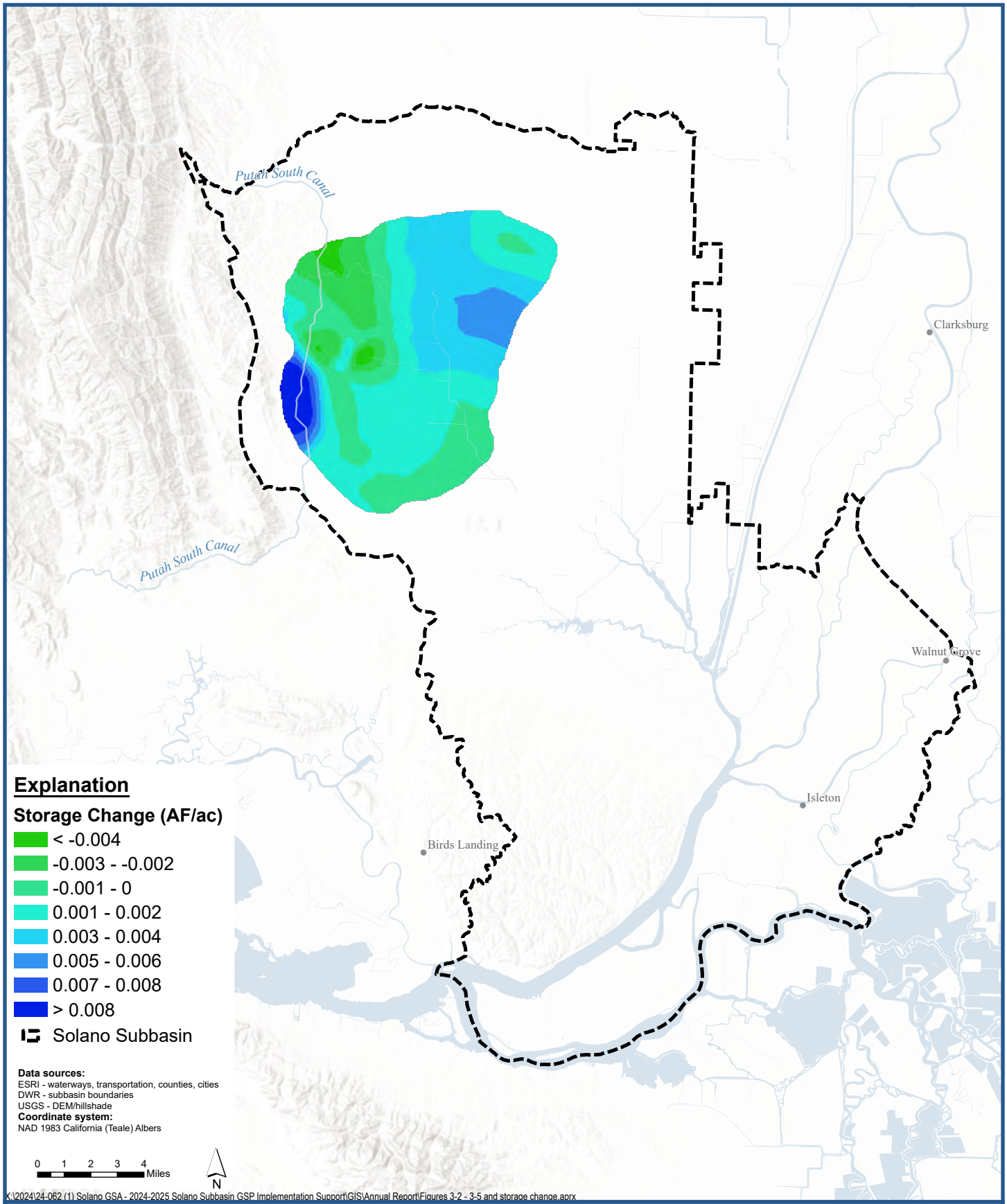
Figure F-14



Groundwater Storage Change Spring 2022 - 2023
Alluvial / Upper Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-15



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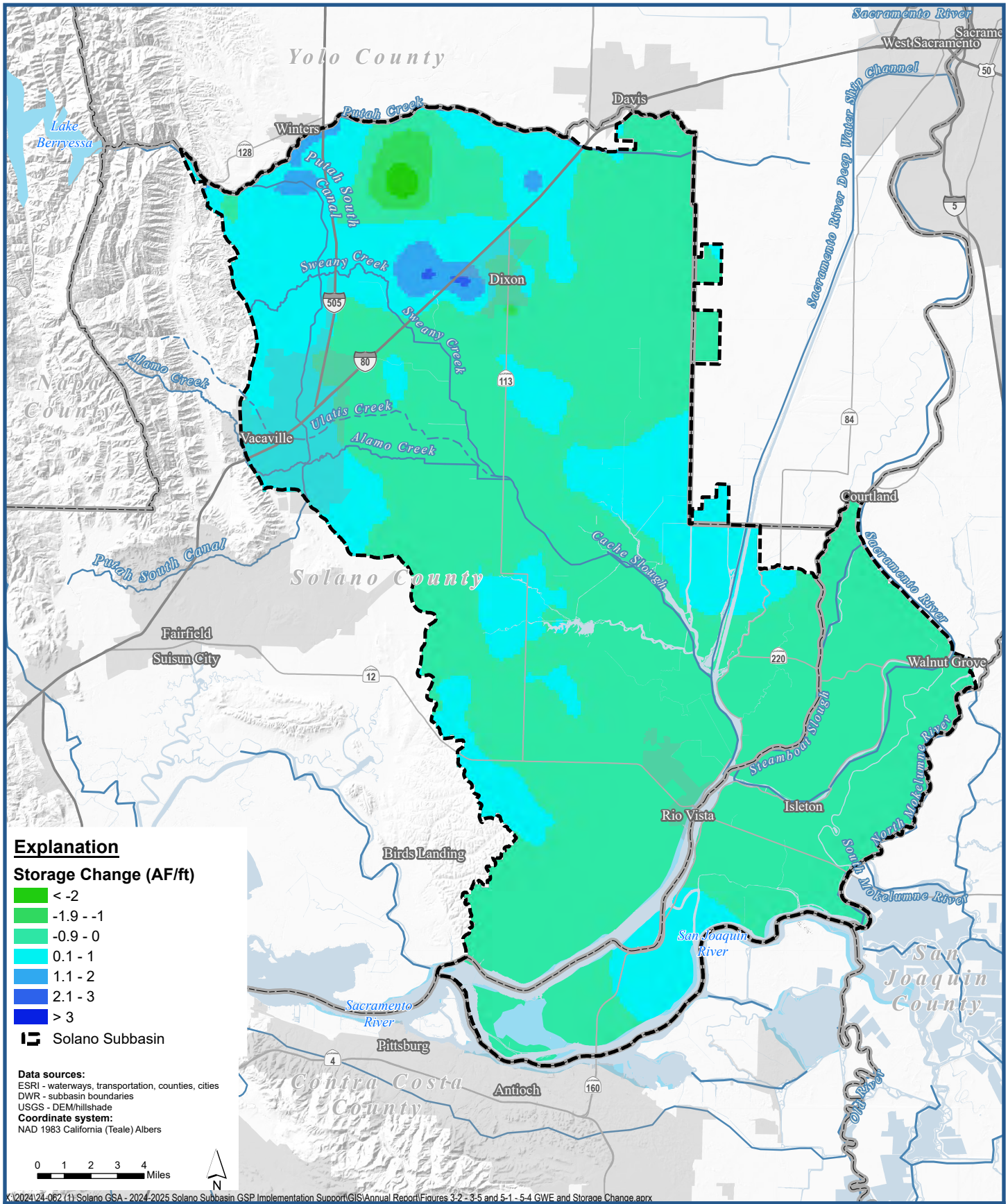
Change in Groundwater Storage Spring 2022 - 2023
Basal Tehama

Annual Groundwater Report Solano Subbasin and Solano County

Figure F-16



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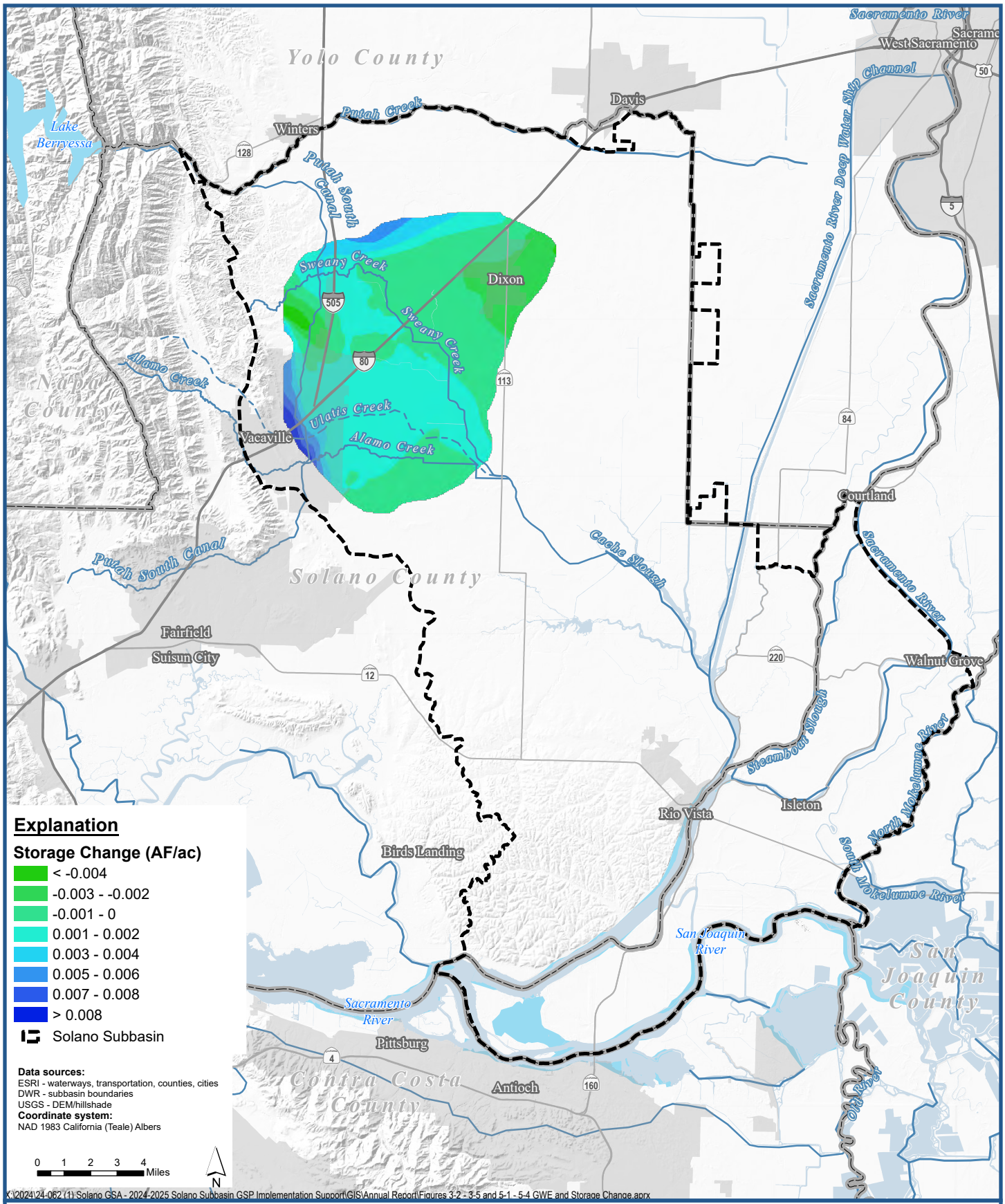
Groundwater Storage Change Spring 2023 - 2024
Alluvial / Upper Tehama

Figure F-17

Annual Groundwater Report
Solano Subbasin and Solano County



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Change in Groundwater Storage Spring 2023 - 2024
Basal Tehama

Figure F-18

Annual Groundwater Report
Solano Subbasin and Solano County

Appendix G Historical Summary of Water Level RMS Monitoring Status

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2015		2016		2017		2018	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
06N01E12M001M	42.55	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	16.9	25.7	16.8	25.8	17.1	25.5	13.4	29.2	16.7	25.9
07N01E04P003M	92.60	--	222	Alluvial/Upper Tehama	Solano Irrigation District	38.0	54.6	40.0	52.6	40.3	52.3	35.3	57.3	43.5	49.1
07N01E11M001M	78.10	--	150	Alluvial/Upper Tehama	Solano Irrigation District	41.1	37.0	41.7	36.4	43.9	34.2	45.0	33.1	42.9	35.2
07N02E15E001M	44.54	--	160	Alluvial/Upper Tehama	Solano Subbasin GSA	56.7	-12.2	58.4	-13.9	56.3	-11.8	41.7	2.8	57.9	-13.4
07N02E33D002M	36.04	80-260	260	Alluvial/Upper Tehama	Solano Subbasin GSA	43.3	-7.3	35.9	0.1	34.8	1.2	31.0	5.0	34.3	1.7
MW-15-188ft	95.40	158-178	188	Alluvial/Upper Tehama	City of Vacaville	32.1	63.3	22.0	73.4	18.5	76.9	18.0	77.4	19.0	76.4
5340[1]	12.00	55-65	80	Alluvial/Upper Tehama	Reclamation District 3 GSA	16.4	-4.4	16.2	-4.2	15.7	-3.7	16.4	-4.4	16.1	-4.1
03N03E07N001M[1]	24.50	303-313, 386-416	416	Alluvial/Upper Tehama	Sacramento County GSA	38.6	-14.1	38.6	-14.1	35.7	-11.2	37.1	-12.6	36.3	-11.8
04N01E02E001M	62.52	--	74	Alluvial/Upper Tehama	Solano Subbasin GSA	17.7	44.8	10.3	52.2	10.2	52.3	8.6	53.9	8.1	54.4
04N02E09A001M[2]	41.67	174-285	285	Alluvial/Upper Tehama	Solano Subbasin GSA	27.1	14.6					25.9	15.8		
05N02E25K001M[2]	3.55	70-100	100	Alluvial/Upper Tehama	Solano Subbasin GSA	11.9	-8.4	3.9	-0.4	3.5	0.0	3.7	-0.2	3.7	-0.2
06N01E17M001M[2]	66.27	70-80, 100-120	120	Alluvial/Upper Tehama	Solano Irrigation District	18.2	48.1	11.4	54.9	11.0	55.3	8.9	57.4	11.6	54.7
06N01E33L001M[2]	47.54	--	120	Alluvial/Upper Tehama	Solano Subbasin GSA	17.2	30.3					4.4	43.1		
06N01W36C004M	82.86	70-150	150	Alluvial/Upper Tehama	Solano Irrigation District	21.7	61.2	18.0	64.9	16.2	66.7	15.8	67.1	16.1	66.8
06N02E19J001M	26.02	120-140, 160-180	182	Alluvial/Upper Tehama	Solano Subbasin GSA	15.2	10.8	7.3	18.7	6.8	19.2	6.7	19.3	7.7	18.3
07N01E14J001M	63.07	156-366, 384-576	600	Alluvial/Upper Tehama	Solano Subbasin GSA	70.0	-6.9	46.0	17.1	67.0	-3.9	43.0	20.1	50.0	13.1
07N01E16B001M	77.60		395	Alluvial/Upper Tehama	Solano Irrigation District	99.1	-21.5	69.7	7.9	98.1	-20.5	82.0	-4.4	79.3	-1.7
07N01E21H003M	73.58	268-286	312	Alluvial/Upper Tehama	Solano Irrigation District	88.1	-14.5	60.1	13.5	61.3	12.3	64.3	9.3	77.9	-4.3
07N01E25M001M	51.00	--	308	Alluvial/Upper Tehama	Solano Irrigation District	66.7	-15.7	38.7	12.3	43.1	7.9	59.7	-8.7	60.0	-9.0
07N01E29P001M	76.59	280-450	450	Alluvial/Upper Tehama	Solano Irrigation District	15.0	61.6	13.1	63.5	13.7	62.9	13.2	63.4	13.6	63.0
07N01W04C002M	148.40	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	100.5	47.9	101.2	47.2	100.8	47.6	80.2	68.2	97.5	50.9
07N01W05R001M	173.10	66-193	286	Alluvial/Upper Tehama	Solano Subbasin GSA	119.8	53.3	134.4	38.7	133.0	40.1	106.6	66.5		
07N01W13H001M	108.60	54-158	158	Alluvial/Upper Tehama	Solano Irrigation District	20.6	88.0	21.0	87.6	21.3	87.3	20.7	87.9	20.1	88.5

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2015		2016		2017		2018	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
07N01W33J002M	133.12	104-152	160	Alluvial/Upper Tehama	Solano Subbasin GSA	107.5	25.6	80.1	53.0	78.8	54.3	75.9	57.2	80.0	53.1
07N02E35D002M	37.73	218-238	243	Alluvial/Upper Tehama	Solano Subbasin GSA	63.3	-25.6	45.7	-8.0	45.7	-8.0	42.0	-4.3	44.0	-6.3
08N01E24Q001M	71.00	--	630	Alluvial/Upper Tehama	Solano Subbasin GSA	131.1	-60.1	91.9	-20.9	83.9	-12.9	87.3	-16.3	107.9	-36.9
08N01E32E001M	102.88	--	132	Alluvial/Upper Tehama	Solano Irrigation District	98.7	4.2	59.3	43.6	56.0	46.9	49.1	53.8	55.4	47.5
08N01E33H001M	84.57	--	216	Alluvial/Upper Tehama	Solano Subbasin GSA	47.0	37.6	45.1	39.5	45.1	39.5	45.0	39.6	40.7	43.9
08N01W26A002M	124.59	70-82, 154-206, 206-262	265	Alluvial/Upper Tehama	Solano Subbasin GSA	64.2	60.4	61.7	62.9	65.6	59.0	53.0	71.6	56.5	68.1
08N01W33A001M	137.80	20-200	200	Alluvial/Upper Tehama	Solano Irrigation District	70.8	67.0	69.8	68.0	69.1	68.7	49.2	88.6	50.3	87.5
08N01W35R001M	112.00	105-275, 474-598	598	Alluvial/Upper Tehama	Solano Subbasin GSA	85.9	26.1	81.7	30.3	69.5	42.5	55.3	56.7	79.8	32.2
08N02E27C002M	54.50	120-136, 164-172, 230-238, 252-288	288	Alluvial/Upper Tehama	Solano Subbasin GSA	69.9	-15.4	66.0	-11.5	63.7	-9.2	50.0	4.5	57.6	-3.1
08N03E31N001M	33.50	--	98	Alluvial/Upper Tehama	Solano Subbasin GSA	68.4	-34.9	65.7	-32.2	57.5	-24.0	41.1	-7.6	48.3	-14.8
MW-98A	104.02	1727-1745, 1790-1830	1850	Basal Tehama	City of Vacaville	138.6	-34.6	94.0	10.0	93.1	10.9	91.0	13.0	91.0	13.0
MW-98C	81.07	2152-2192, 2234-2264, 2285-2305	2326	Basal Tehama	City of Vacaville	179.0	-97.9	135.0	-53.9	135.0	-53.9	134.0	-52.9	134.0	-52.9
MW-15-1815ft	94.97	1207-1227, 1252-1262, 1338-1348, 1414-1444, 1546-1566, 1582-1602, 1673-1693, 1765-1785	1815	Basal Tehama	City of Vacaville	211.1	-116.2	170.0	-75.0	186.4	-91.4	169.5	-74.5	167.0	-72.0
MW-14	92.98	1100-1650	1655	Basal Tehama	City of Vacaville	218.8	-125.8	178.0	-85.0	183.0	-90.0	175.0	-82.0	174.0	-81.0
06N01E10J004M	53.58	2140-2160	2170	Basal Tehama	Solano Subbasin GSA	147.5	-93.9	102.0	-48.4	101.9	-48.3	102.5	-48.9	101.5	-47.9
06N01E30N003M	77.98	1650-1670	1680	Basal Tehama	Solano Irrigation District	179.2	-101.3	135.4	-57.4	133.2	-55.2	137.3	-59.3	136.0	-58.0
07N01E11G002M	79.53	2182-2202	2212	Basal Tehama	Solano Subbasin GSA	131.2	-51.7	86.6	-7.1	84.6	-5.0	83.0	-3.5	83.6	-4.1
07N01W15A001M	132.81	1205-1225	1235	Basal Tehama	Solano Subbasin GSA	110.9	21.9	75.3	57.5	79.2	53.6	80.3	52.5	83.8	49.0
New to RMS Network Since GSP Submittal															
08N01W33B002M	139.10	107-121, 148-178, 199-228	228	Alluvial/Upper Tehama	Solano Irrigation District	85.8	53.3								
City of Rio Vista-Well 10	13.47	230-500	520	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2015		2016		2017		2018	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
City of Rio Vista-Well 15	35.82	250-280, 350-430, 520-540	550	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-01a	115.75	41-51	56	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-01b	115.82	75-85	90	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-02a	107.57	50-55	60	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-02b	107.45	99-104	109	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-03a	95.77	26-31	36	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-03b	95.75	80-90	95	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-05a	100.81	60-70	75	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-05b	100.64	90-95	100	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-06a	10.46	15-25	25	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--
SSGSA-06b	10.32	61-71	71	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--	--	--	--	--	--	--

Notes:

1- Domestic well average depth, minimum depth and well count are based on an area of approximately 9 square miles surrounding the RMS

2- MT is set 5 feet below deepest depth to water over the base period to allow for operational flexibility

3- History of water level measurement is post January 2015, MT is set as the lowest observed depth to water and will be reevaluated during the fiver year update

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2019		2020		2021		2022	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
06N01E12M001M	42.55	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	16.9	25.7	15.7	26.9	17.1	25.5				
07N01E04P003M	92.60	--	222	Alluvial/Upper Tehama	Solano Irrigation District	38.0	54.6	35.8	56.8	41.0	51.6	40.6	52.0	43.4	49.2
07N01E11M001M	78.10	--	150	Alluvial/Upper Tehama	Solano Irrigation District	41.1	37.0	36.9	41.2	41.6	36.5	48.2	29.9	50.6	27.5
07N02E15E001M	44.54	--	160	Alluvial/Upper Tehama	Solano Subbasin GSA	56.7	-12.2	60.7	-16.2	66.8	-22.3				
07N02E33D002M	36.04	80-260	260	Alluvial/Upper Tehama	Solano Subbasin GSA	43.3	-7.3	31.0	5.0	38.8	-2.8	45.8	-9.8	50.6	-14.6
MW-15-188ft	95.40	158-178	188	Alluvial/Upper Tehama	City of Vacaville	32.1	63.3	17.0	78.4	18.5	76.9	19.0	76.4	19.0	76.4
5340[1]	12.00	55-65	80	Alluvial/Upper Tehama	Reclamation District 3 GSA	16.4	-4.4	16.1	-4.1	16.1	-4.1	15.6	-3.6	16.0	-4.0
03N03E07N001M[1]	24.50	303-313, 386-416	416	Alluvial/Upper Tehama	Sacramento County GSA	38.6	-14.1	23.1	1.4	24.7	-0.2	25.1	-0.6		
04N01E02E001M	62.52	--	74	Alluvial/Upper Tehama	Solano Subbasin GSA	17.7	44.8	7.5	55.0	8.3	54.2	10.7	51.8	9.2	53.3
04N02E09A001M[2]	41.67	174-285	285	Alluvial/Upper Tehama	Solano Subbasin GSA	27.1	14.6								
05N02E25K001M[2]	3.55	70-100	100	Alluvial/Upper Tehama	Solano Subbasin GSA	11.9	-8.4	4.3	-0.8	4.5	-1.0	4.3	-0.8		
06N01E17M001M[2]	66.27	70-80, 100-120	120	Alluvial/Upper Tehama	Solano Irrigation District	18.2	48.1	10.8	55.5	12.0	54.3	12.0	54.3	11.4	54.9
06N01E33L001M[2]	47.54	--	120	Alluvial/Upper Tehama	Solano Subbasin GSA	17.2	30.3								
06N01W36C004M	82.86	70-150	150	Alluvial/Upper Tehama	Solano Irrigation District	21.7	61.2	15.7	67.2	18.0	64.9	17.0	65.9		
06N02E19J001M	26.02	120-140, 160-180	182	Alluvial/Upper Tehama	Solano Subbasin GSA	15.2	10.8	6.9	19.1	9.0	17.0	10.1	15.9	11.5	14.5
07N01E14J001M	63.07	156-366, 384-576	600	Alluvial/Upper Tehama	Solano Subbasin GSA	70.0	-6.9	41.0	22.1	38.0	25.1	65.0	-1.9	60.0	3.1
07N01E16B001M	77.60		395	Alluvial/Upper Tehama	Solano Irrigation District	99.1	-21.5	54.7	22.9	55.5	22.1	73.1	4.5	69.4	8.2
07N01E21H003M	73.58	268-286	312	Alluvial/Upper Tehama	Solano Irrigation District	88.1	-14.5	59.8	13.8	66.4	7.2	89.4	-15.8	109.5	-35.9
07N01E25M001M	51.00	--	308	Alluvial/Upper Tehama	Solano Irrigation District	66.7	-15.7	40.0	11.0	37.5	13.5	60.0	-9.0	39.1	11.9
07N01E29P001M	76.59	280-450	450	Alluvial/Upper Tehama	Solano Irrigation District	15.0	61.6	13.1	63.5	13.4	63.2	14.6	62.0	13.7	62.9
07N01W04C002M	148.40	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	100.5	47.9	81.4	67.0	101.6	46.8	109.3	39.1	120.5	27.9
07N01W05R001M	173.10	66-193	286	Alluvial/Upper Tehama	Solano Subbasin GSA	119.8	53.3								
07N01W13H001M	108.60	54-158	158	Alluvial/Upper Tehama	Solano Irrigation District	20.6	88.0	12.3	96.3						

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2019		2020		2021		2022	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
07N01W33J002M	133.12	104-152	160	Alluvial/Upper Tehama	Solano Subbasin GSA	107.5	25.6	75.8	57.3	75.3	57.8	79.6	53.5	79.0	54.1
07N02E35D002M	37.73	218-238	243	Alluvial/Upper Tehama	Solano Subbasin GSA	63.3	-25.6	41.3	-3.6	45.6	-7.9	52.6	-14.9	52.7	-15.0
08N01E24Q001M	71.00	--	630	Alluvial/Upper Tehama	Solano Subbasin GSA	131.1	-60.1	71.3	-0.3			107.2	-36.2	120.0	-49.0
08N01E32E001M	102.88	--	132	Alluvial/Upper Tehama	Solano Irrigation District	98.7	4.2	40.2	62.7	53.0	49.9	72.1	30.8	71.8	31.1
08N01E33H001M	84.57	--	216	Alluvial/Upper Tehama	Solano Subbasin GSA	47.0	37.6	35.0	49.6	35.7	48.9	50.0	34.6	55.7	28.9
08N01W26A002M	124.59	70-82, 154-206, 206-262	265	Alluvial/Upper Tehama	Solano Subbasin GSA	64.2	60.4	48.0	76.6	67.0	57.6	70.0	54.6	72.2	52.4
08N01W33A001M	137.80	20-200	200	Alluvial/Upper Tehama	Solano Irrigation District	70.8	67.0	48.5	89.3						
08N01W35R001M	112.00	105-275, 474-598	598	Alluvial/Upper Tehama	Solano Subbasin GSA	85.9	26.1	61.9	50.1	70.0	42.0	70.0	42.0	86.5	25.5
08N02E27C002M	54.50	120-136, 164-172, 230-238, 252-288	288	Alluvial/Upper Tehama	Solano Subbasin GSA	69.9	-15.4	48.0	6.5	60.0	-5.5	70.0	-15.5	73.1	-18.6
08N03E31N001M	33.50	--	98	Alluvial/Upper Tehama	Solano Subbasin GSA	68.4	-34.9	42.5	-9.0	54.3	-20.8	67.7	-33.9	73.8	-40.3
MW-98A	104.02	1727-1745, 1790-1830	1850	Basal Tehama	City of Vacaville	138.6	-34.6	88.0	16.0	94.0	10.0	96.0	8.0	101.0	3.0
MW-98C	81.07	2152-2192, 2234-2264, 2285-2305	2326	Basal Tehama	City of Vacaville	179.0	-97.9	128.0	-46.9	133.5	-52.4	135.0	-53.9	139.0	-57.9
MW-15-1815ft	94.97	1207-1227, 1252-1262, 1338-1348, 1414-1444, 1546-1566, 1582-1602, 1673-1693, 1765-1785	1815	Basal Tehama	City of Vacaville	211.1	-116.2	167.0	-72.0	166.0	-71.0	169.0	-74.0	173.0	-78.0
MW-14	92.98	1100-1650	1655	Basal Tehama	City of Vacaville	218.8	-125.8	165.0	-72.0	172.8	-79.8	175.0	-82.0	179.0	-86.0
06N01E10J004M	53.58	2140-2160	2170	Basal Tehama	Solano Subbasin GSA	147.5	-93.9	99.8	-46.3	99.6	-46.0	93.9	-40.3	103.9	-50.3
06N01E30N003M	77.98	1650-1670	1680	Basal Tehama	Solano Irrigation District	179.2	-101.3	129.2	-51.2	129.6	-51.6	135.6	-57.6	138.8	-60.8
07N01E11G002M	79.53	2182-2202	2212	Basal Tehama	Solano Subbasin GSA	131.2	-51.7	83.2	-3.7	83.6	-4.0	85.1	-5.5	87.8	-8.3
07N01W15A001M	132.81	1205-1225	1235	Basal Tehama	Solano Subbasin GSA	110.9	21.9	80.2	52.6	84.4	48.4	92.2	40.6	97.2	35.7
New to RMS Network Since GSP Submittal															
08N01W33B002M	139.10	107-121, 148-178, 199-228	228	Alluvial/Upper Tehama	Solano Irrigation District	85.8	53.3								
City of Rio Vista-Well 10	13.47	230-500	520	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2019		2020		2021		2022	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
City of Rio Vista-Well 15	35.82	250-280, 350-430, 520-540	550	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-01a	115.75	41-51	56	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-01b	115.82	75-85	90	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-02a	107.57	50-55	60	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-02b	107.45	99-104	109	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-03a	95.77	26-31	36	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-03b	95.75	80-90	95	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-05a	100.81	60-70	75	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-05b	100.64	90-95	100	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-06a	10.46	15-25	25	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						
SSGSA-06b	10.32	61-71	71	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--	--	--						

Notes:

1- Domestic well average depth, minimum depth and well count are based on an area of approximately 9 square miles surrounding the
2- MT is set 5 feet below deepest depth to water over the base period to allow for operational flexibility
3- History of water level measurement is post January 2015, MT is set as the lowest observed depth to water and will be reevaluated c

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2023		2024		2025		Comment
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	
06N01E12M001M	42.55	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	16.9	25.7	31.8	10.8	20.8	21.7	22.1	20.5	
07N01E04P003M	92.60	--	222	Alluvial/Upper Tehama	Solano Irrigation District	38.0	54.6	43.3	49.3	42.9	49.7	42.0	50.6	
07N01E11M001M	78.10	--	150	Alluvial/Upper Tehama	Solano Irrigation District	41.1	37.0	42.4	35.7	44.0	34.1	43.8	34.3	
07N02E15E001M	44.54	--	160	Alluvial/Upper Tehama	Solano Subbasin GSA	56.7	-12.2			70.5	-25.9	70.9	-26.4	Successfully re-recruited, monitoring resuming Spring 2024
07N02E33D002M	36.04	80-260	260	Alluvial/Upper Tehama	Solano Subbasin GSA	43.3	-7.3	39.9	-3.9	45.7	-9.7	49.9	-13.9	
MW-15-188ft	95.40	158-178	188	Alluvial/Upper Tehama	City of Vacaville	32.1	63.3	18.0	77.4	19.0	76.4	18.5	76.9	
5340[1]	12.00	55-65	80	Alluvial/Upper Tehama	Reclamation District 3 GSA	16.4	-4.4	15.6	-3.6	16.2	-4.2	14.5	-2.5	
03N03E07N001M[1]	24.50	303-313, 386-416	416	Alluvial/Upper Tehama	Sacramento County GSA	38.6	-14.1	23.4	1.1	24.1	0.4	24.0	0.5	
04N01E02E001M	62.52	--	74	Alluvial/Upper Tehama	Solano Subbasin GSA	17.7	44.8	6.3	56.2	6.6	55.9	7.1	55.4	
04N02E09A001M[2]	41.67	174-285	285	Alluvial/Upper Tehama	Solano Subbasin GSA	27.1	14.6							No Access, working to locate replacement well
05N02E25K001M[2]	3.55	70-100	100	Alluvial/Upper Tehama	Solano Subbasin GSA	11.9	-8.4							No Access, working to locate replacement well
06N01E17M001M[2]	66.27	70-80, 100-120	120	Alluvial/Upper Tehama	Solano Irrigation District	18.2	48.1	11.5	54.8	10.9	55.4	10.8	55.5	
06N01E33L001M[2]	47.54	--	120	Alluvial/Upper Tehama	Solano Subbasin GSA	17.2	30.3					12.4	35.1	Recent investigation has confirmed that monitoring has been occurring, and historical data were provided in October 2025.
06N01W36C004M	82.86	70-150	150	Alluvial/Upper Tehama	Solano Irrigation District	21.7	61.2							Ongoing efforts to re-recruit
06N02E19J001M	26.02	120-140, 160-180	182	Alluvial/Upper Tehama	Solano Subbasin GSA	15.2	10.8	9.6	16.4	8.0	18.0	8.7	17.3	
07N01E14J001M	63.07	156-366, 384-576	600	Alluvial/Upper Tehama	Solano Subbasin GSA	70.0	-6.9	49.0	14.1	49.0	14.1	45.0	18.1	
07N01E16B001M	77.60		395	Alluvial/Upper Tehama	Solano Irrigation District	99.1	-21.5	70.9	6.7	56.9	20.7	55.9	21.7	MT and MO have been updated. Recent investigation has revealed that mutiple agencies were monitoring, MT and MO have been updated to reflect changes
07N01E21H003M	73.58	268-286	312	Alluvial/Upper Tehama	Solano Irrigation District	88.1	-14.5	74.6	-1.0	74.7	-1.1	71.7	1.9	
07N01E25M001M	51.00	--	308	Alluvial/Upper Tehama	Solano Irrigation District	66.7	-15.7	42.1	8.9	48.7	2.3	45.2	5.8	
07N01E29P001M	76.59	280-450	450	Alluvial/Upper Tehama	Solano Irrigation District	15.0	61.6	12.0	64.6	12.6	64.0	13.1	63.5	
07N01W04C002M	148.40	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	100.5	47.9	97.5	50.9	89.7	58.7	83.3	65.1	
07N01W05R001M	173.10	66-193	286	Alluvial/Upper Tehama	Solano Subbasin GSA	119.8	53.3							Working with RCD to Recruit
07N01W13H001M	108.60	54-158	158	Alluvial/Upper Tehama	Solano Irrigation District	20.6	88.0							Working with RCD to Recruit

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2023		2024		2025		Comment
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	
07N01W33J002M	133.12	104-152	160	Alluvial/Upper Tehama	Solano Subbasin GSA	107.5	25.6	73.3	59.8	72.5	60.6	74.1	59.0	
07N02E35D002M	37.73	218-238	243	Alluvial/Upper Tehama	Solano Subbasin GSA	63.3	-25.6	38.0	-0.2	52.4	-14.7	56.0	-18.3	
08N01E24Q001M	71.00	--	630	Alluvial/Upper Tehama	Solano Subbasin GSA	131.1	-60.1	94.4	-23.4	99.0	-28.0	91.4	-20.4	
08N01E32E001M	102.88	--	132	Alluvial/Upper Tehama	Solano Irrigation District	98.7	4.2	56.4	46.5	56.6	46.3	55.1	47.8	
08N01E33H001M	84.57	--	216	Alluvial/Upper Tehama	Solano Subbasin GSA	47.0	37.6	43.6	41.0	42.7	41.9	42.8	41.8	
08N01W26A002M	124.59	70-82, 154-206, 206-262	265	Alluvial/Upper Tehama	Solano Subbasin GSA	64.2	60.4	70.7	53.9	60.6	64.0	60.2	64.4	
08N01W33A001M	137.80	20-200	200	Alluvial/Upper Tehama	Solano Irrigation District	70.8	67.0							Removed from Monitoring Network, replaced with 08N01W33B002M
08N01W35R001M	112.00	105-275, 474-598	598	Alluvial/Upper Tehama	Solano Subbasin GSA	85.9	26.1	66.8	45.2	66.3	45.7	59.4	52.6	
08N02E27C002M	54.50	120-136, 164-172, 230-238, 252-288	288	Alluvial/Upper Tehama	Solano Subbasin GSA	69.9	-15.4	64.7	-10.2	61.2	-6.7	60.8	-6.3	
08N03E31N001M	33.50	--	98	Alluvial/Upper Tehama	Solano Subbasin GSA	68.4	-34.9	61.6	-28.1	59.1	-25.6	62.3	-28.8	
MW-98A	104.02	1727-1745, 1790-1830	1850	Basal Tehama	City of Vacaville	138.6	-34.6	99.0	5.0	99.4	4.6	98.8	5.2	
MW-98C	81.07	2152-2192, 2234-2264, 2285-2305	2326	Basal Tehama	City of Vacaville	179.0	-97.9	138.5	-57.4	138.3	-57.2	134.7	-53.6	
MW-15-1815ft	94.97	1207-1227, 1252-1262, 1338-1348, 1414-1444, 1546-1566, 1582-1602, 1673-1693, 1765-1785	1815	Basal Tehama	City of Vacaville	211.1	-116.2	173.0	-78.0	172.7	-77.7	163.4	-68.5	
MW-14	92.98	1100-1650	1655	Basal Tehama	City of Vacaville	218.8	-125.8	176.5	-83.5	179.0	-86.0	175.2	-82.2	
06N01E10J004M	53.58	2140-2160	2170	Basal Tehama	Solano Subbasin GSA	147.5	-93.9	106.2	-52.6	106.4	-52.8	108.4	-54.9	
06N01E30N003M	77.98	1650-1670	1680	Basal Tehama	Solano Irrigation District	179.2	-101.3	139.7	-61.7	145.9	-67.9	145.2	-67.2	
07N01E11G002M	79.53	2182-2202	2212	Basal Tehama	Solano Subbasin GSA	131.2	-51.7	89.0	-9.5	88.4	-8.9	88.8	-9.3	
07N01W15A001M	132.81	1205-1225	1235	Basal Tehama	Solano Subbasin GSA	110.9	21.9	94.8	38.0	96.2	36.6	99.7	33.2	
New to RMS Network Since GSP Submittal														
08N01W33B002M	139.10	107-121, 148-178, 199-228	228	Alluvial/Upper Tehama	Solano Irrigation District	85.8	53.3			75.7	63.4	74.3	64.8	
City of Rio Vista-Well 10	13.47	230-500	520	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--					39.0	-25.5	

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold (MT)		2023		2024		2025		Comment
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	
City of Rio Vista-Well 15	35.82	250-280, 350-430, 520-540	550	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			91.0	-55.2	88.0	-52.2	
SSGSA-01a	115.75	41-51	56	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			35.7	80.0	25.0	90.7	
SSGSA-01b	115.82	75-85	90	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			42.1	73.7	29.3	86.6	
SSGSA-02a	107.57	50-55	60	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			49.2	58.4	42.6	65.0	
SSGSA-02b	107.45	99-104	109	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			64.0	43.4	62.6	44.8	
SSGSA-03a	95.77	26-31	36	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			23.2	72.5	22.6	73.1	
SSGSA-03b	95.75	80-90	95	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			55.8	39.9	57.7	38.0	
SSGSA-05a	100.81	60-70	75	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			44.7	56.1	44.2	56.6	
SSGSA-05b	100.64	90-95	100	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			44.8	55.8	44.7	56.0	
SSGSA-06a	10.46	15-25	25	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			9.1	1.4	9.3	1.1	
SSGSA-06b	10.32	61-71	71	Alluvial/Upper Tehama	Solano Subbasin GSA	--	--			6.9	3.4	7.1	3.3	

Notes:

1- Domestic well average depth, minimum depth and well count are based on an area of approximately 9 square miles surrounding th

2- MT is set 5 feet below deepest depth to water over the base period to allow for operational flexibility

3- History of water level measurement is post January 2015, MT is set as the lowest observed depth to water and will be reevaluated c

Appendix H1 Historical Summary of Water Quality RMS Monitoring Status

Summary of Groundwater Quality Minimum Thresholds for RMS-Arsenic

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Arsenic Concentration (µg/L)	2015 Arsenic Concentration (µg/L)	2016 Arsenic Concentration (µg/L)	2017 Arsenic Concentration (µg/L)	2018 Arsenic Concentration (µg/L)	2019 Arsenic Concentration (µg/L)	2020 Arsenic Concentration (µg/L)	2021 Arsenic Concentration (µg/L)	2022 Arsenic Concentration (µg/L)	2023 Arsenic Concentration (µg/L)	2024 Arsenic Concentration (µg/L)	2025 Arsenic Concentration (µg/L)
61493	70-80	120	Alluvial/Upper Tehama	--	--	--	--	--	--	--	--	--	--	--	--
61494	115-165	165	Alluvial/Upper Tehama	--	--	--	--	--	--	--	--	--	--	--	--
07N01E08N002M	101-141	141	Alluvial/Upper Tehama	--	--	--	--	--	--	--	--	--	--	--	--
07N01E14J001M	156-366, 384-576	600	Alluvial/Upper Tehama	10	--	--	--	--	--	--	ND	--	--	--	--
08N01E32N001M	120-600	600	Alluvial/Upper Tehama	10	--	--	--	--	--	--	--	--	--	--	--
08N01E35K001M		815	Alluvial/Upper Tehama	16.32	--	--	--	--	--	2.5	--	ND	--	ND	3.6
4810008-025	372-572	582	Alluvial/Upper Tehama	10	--	--	--	--	--	ND	--	--	--	--	--
4810009-003	--	1430	Alluvial/Upper Tehama	10	--	--	ND	ND	--	--	2.3	--	--	ND	--
4810008-007	750-930	966	Basal Tehama	10	--	--	ND	--	--	2.7	--	--	2	--	--
4810008-030	1165-1195, 1256-1317, 1341-1381, 1466-1516, 1540-1610	1635	Basal Tehama	10	5	6.1	4.1	6.4	6.4	6.1	7.4	7.7	8.2	15	6.3
4810013-001	1017-1047, 1169-1189, 1245-1261, 1271-1291, 1351-1361	1371	Basal Tehama	10	3.4	4.2	4.2	4.4	3.9	4.2	5.1	8.1	6.3	4.6	6.2
3400122-001	--	--	Unknown	10	--	--	4.5	--	--	--	5.3	--	--	5.3	--
3400192-001	--	--	Unknown	10	--	--	--	4	--	--	--	4.2	--	--	3.3
3400420-001	--	--	Unknown	94.57	--	84	79	84	--	36	36	87	--	73	78
3400444-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3400455-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3410047-001	--	--	Unknown	16	14	14	--	13	14	15	17	16	--	16	17
3410302-002	--	--	Unknown	21	--	--	--	--	--	--	--	--	--	--	--
4800612-001	--	--	Unknown	10	--	--	--	--	--	--	--	--	--	--	9
4800709-001	--	--	Unknown	10	--	--	--	--	--	--	--	--	--	--	--
4800786-001	--	--	Unknown	10	--	--	--	--	--	--	--	--	--	--	--
4810004-003	--	--	Unknown	10	7	6	7	6	2	7	8	9	--	--	--
4810004-004	--	--	Unknown	18	15	13	6	13	6	13	13	16	17	16	16

Summary of Groundwater Quality Minimum Thresholds for RMS-Arsenic

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Arsenic Concentration (µg/L)	2015 Arsenic Concentration (µg/L)	2016 Arsenic Concentration (µg/L)	2017 Arsenic Concentration (µg/L)	2018 Arsenic Concentration (µg/L)	2019 Arsenic Concentration (µg/L)	2020 Arsenic Concentration (µg/L)	2021 Arsenic Concentration (µg/L)	2022 Arsenic Concentration (µg/L)	2023 Arsenic Concentration (µg/L)	2024 Arsenic Concentration (µg/L)	2025 Arsenic Concentration (µg/L)
4810011-001	--	--	Unknown	10	--	--	ND	--	--	ND	--	--	--	ND	ND
4810020-001	--	--	Unknown	10	ND	2.7	--	--	2.4	--	--	2	--	--	ND
4810023-001	--	--	Unknown	10	--	--	--	--	--	--	--	--	--	--	--
4810801-002	--	--	Unknown	10	--	--	5.7	--	--	7.2	--	--	5.6	5.6	--

Notes

-- - Not historically monitored, MT will be set at 5 year update

Summary of Groundwater Quality Minimum Thresholds for RMS- Chloride

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Chloride Concentration (mg/L)	2015 Chloride Concentration (mg/L)	2016 Chloride Concentration (mg/L)	2017 Chloride Concentration (mg/L)	2018 Chloride Concentration (mg/L)	2019 Chloride Concentration (mg/L)	2020 Chloride Concentration (mg/L)	2021 Chloride Concentration (mg/L)	2022 Chloride Concentration (mg/L)	2023 Chloride Concentration (mg/L)	2024 Chloride Concentration (mg/L)	2025 Chloride Concentration (mg/L)
61493	70-80	120	Alluvial/Upper Tehama	250	--	--	--	140	--	--	--	--	--	--	--
61494	115-165	165	Alluvial/Upper Tehama	250	--	--	--	22	29	--	--	--	--	--	--
07N01E08N002M	101-141	141	Alluvial/Upper Tehama	250	--	--	--	--	--	--	--	--	--	--	--
07N01E14J001M	156-366, 384-576	600	Alluvial/Upper Tehama	250	--	--	--	--	--	--	22	--	--	--	--
08N01E32N001M	120-600	600	Alluvial/Upper Tehama	250	--	--	--	--	--	--	--	--	--	--	--
08N01E35K001M		815	Alluvial/Upper Tehama	250	--	13	--	--	--	11	--	13	--	12	12
4810008-025	372-572	582	Alluvial/Upper Tehama	250	--	--	--	--	--	6.9	--	--	--	--	--
4810009-003	--	1430	Alluvial/Upper Tehama	250	12	--	--	11	--	--	12	--	--	11	--
4810008-007	750-930	966	Basal Tehama	250	--	--	17	--	--	17	--	--	16	--	--
4810008-030	1165-1195, 1256-1317, 1341-1381, 1466-1516, 1540-1610	1635	Basal Tehama	250	--	--	8.2	--	--	7.9	--	--	8.3	--	--
4810013-001	1017-1047, 1169-1189, 1245-1261, 1271-1291, 1351-1361	1371	Basal Tehama	250	--	9.1	--	--	9.1	--	--	9	--	--	--
3400122-001	--	--	Unknown	250	--	--	--	--	--	--	--	--	--	7.9	--
3400192-001	--	--	Unknown	250	--	--	--	--	11	--	--	11	--	--	5
3400420-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3400444-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3400455-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3410047-001	--	--	Unknown	250	--	--	--	--	--	--	--	--	--	6.1	6.5
3410302-002	--	--	Unknown	303	--	--	--	--	--	--	--	--	--	--	--
4800612-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
4800709-001	--	--	Unknown	250	--	--	--	--	--	--	--	--	--	--	--
4800786-001	--	--	Unknown	250	--	--	--	--	--	--	--	--	--	--	--

Summary of Groundwater Quality Minimum Thresholds for RMS- Chloride

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Chloride Concentration (mg/L)	2015 Chloride Concentration (mg/L)	2016 Chloride Concentration (mg/L)	2017 Chloride Concentration (mg/L)	2018 Chloride Concentration (mg/L)	2019 Chloride Concentration (mg/L)	2020 Chloride Concentration (mg/L)	2021 Chloride Concentration (mg/L)	2022 Chloride Concentration (mg/L)	2023 Chloride Concentration (mg/L)	2024 Chloride Concentration (mg/L)	2025 Chloride Concentration (mg/L)
4810004-003	--	--	Unknown	250	--	--	--	36	--	65	159	--	--	--	--
4810004-004	--	--	Unknown	250	--	34	--	--	34	--	--	--	--	--	--
4810011-001	--	--	Unknown	250	--	--	34	--	--	18	--	--	--	18	27
4810020-001	--	--	Unknown	250	--	--	--	--	--	--	--	--	--	--	--
4810023-001	--	--	Unknown	250	--	--	--	--	--	--	--	--	--	--	--
4810801-002	--	--	Unknown	250	--	--	140	--	--	--	--	--	--	--	--

Notes

-- - Not historically monitored, MT will be set at 5 year update

Summary of Groundwater Quality Minimum Thresholds for RMS- Cr6

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Cr6 Concentration (µg/L)	2015 Cr6 Concentration (µg/L)	2016 Cr6 Concentration (µg/L)	2017 Cr6 Concentration (µg/L)	2018 Cr6 Concentration (µg/L)	2019 Cr6 Concentration (µg/L)	2020 Cr6 Concentration (µg/L)	2021 Cr6 Concentration (µg/L)	2022 Cr6 Concentration (µg/L)	2023 Cr6 Concentration (µg/L)	2024 Cr6 Concentration (µg/L)	2025 Cr6 Concentration (µg/L)
61493	70-80	120	Alluvial/Upper Tehama	--	--	--	--	--	--	--	--	--	--	--	--
61494	115-165	165	Alluvial/Upper Tehama	--	--	--	--	--	--	--	--	--	--	--	--
07N01E08N002M	101-141	141	Alluvial/Upper Tehama	--	--	--	--	--	--	--	--	--	--	--	--
07N01E14J001M	156-366, 384-576	600	Alluvial/Upper Tehama	27.60	--	--	--	--	--	--	--	--	--	--	--
08N01E32N001M	120-600	600	Alluvial/Upper Tehama	--	--	--	--	--	--	--	--	--	--	--	--
08N01E35K001M		815	Alluvial/Upper Tehama	10	--	--	--	--	--	--	--	--	--	--	12
4810008-025	372-572	582	Alluvial/Upper Tehama	10	--	--	--	--	--	ND	--	--	--	--	--
4810009-003	--	1430	Alluvial/Upper Tehama	18.75	ND	12	15	24	--	--	15	--	--	15	24
4810008-007	750-930	966	Basal Tehama	10	--	--	8.8	--	--	8.6	--	--	8.6	9.6	8.7
4810008-030	1165-1195, 1256-1317, 1341-1381, 1466-1516, 1540-1610	1635	Basal Tehama	25.18	22	21	21	--	--	22	--	--	30	25	23
4810013-001	1017-1047, 1169-1189, 1245-1261, 1271-1291, 1351-1361	1371	Basal Tehama	10	--	ND	4	--	4.1	--	--	3.8	--	--	--
3400122-001	--	--	Unknown	10	--	--	--	--	--	--	--	--	--	--	--
3400192-001	--	--	Unknown	10	--	--	--	--	--	--	--	--	--	--	ND
3400420-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3400444-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3400455-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3410047-001	--	--	Unknown	10	--	--	--	--	--	--	ND	--	--	ND	--
3410302-002	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
4800612-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
4800709-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
4800786-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--

Summary of Groundwater Quality Minimum Thresholds for RMS- Cr6

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Cr6 Concentration (µg/L)	2015 Cr6 Concentration (µg/L)	2016 Cr6 Concentration (µg/L)	2017 Cr6 Concentration (µg/L)	2018 Cr6 Concentration (µg/L)	2019 Cr6 Concentration (µg/L)	2020 Cr6 Concentration (µg/L)	2021 Cr6 Concentration (µg/L)	2022 Cr6 Concentration (µg/L)	2023 Cr6 Concentration (µg/L)	2024 Cr6 Concentration (µg/L)	2025 Cr6 Concentration (µg/L)
4810004-003	--	--	Unknown	10	--	--	--	ND	--	--	--	--	--	--	--
4810004-004	--	--	Unknown	10	--	ND	--	--	--	--	--	--	--	--	ND
4810011-001	--	--	Unknown	10	1.9	--	ND	--	--	2	--	--	--	1.8	2
4810020-001	--	--	Unknown	14.4	ND	10	--	--	14	--	--	--	--	--	11
4810023-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
4810801-002	--	--	Unknown	10	--	--	ND	--	--	--	--	--	--	--	0.43

Notes

-- - Not historically monitored, MT will be set at 5 year update

Summary of Groundwater Quality Minimum Thresholds for RMS- Nitrate

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Nitrate Concentration (mg/L)	2015 Nitrate Concentration (mg/L)	2016 Nitrate Concentration (mg/L)	2017 Nitrate Concentration (mg/L)	2018 Nitrate Concentration (mg/L)	2019 Nitrate Concentration (mg/L)	2020 Nitrate Concentration (mg/L)	2021 Nitrate Concentration (mg/L)	2022 Nitrate Concentration (mg/L)	2023 Nitrate Concentration (mg/L)	2024 Nitrate Concentration (mg/L)	2025 Nitrate Concentration (mg/L)
61493	70-80	120	Alluvial/Upper Tehama	10	--	--	--	6.6	7.3	--	--	--	--	--	--
61494	115-165	165	Alluvial/Upper Tehama	13.2	--	--	--	11	11	--	--	--	--	--	--
07N01E08N002M	101-141	141	Alluvial/Upper Tehama	10	--	--	--	--	--	--	--	--	--	--	--
07N01E14J001M	156-366, 384-576	600	Alluvial/Upper Tehama	20	ND	9.92	9.3	9.64	--	11.01	13	--	--	--	--
08N01E32N001M	120-600	600	Alluvial/Upper Tehama	10	--	--	--	--	--	--	--	--	--	--	--
08N01E35K001M		815	Alluvial/Upper Tehama	10	--	--	--	--	--	--	--	--	--	3.8	3.8
4810008-025	372-572	582	Alluvial/Upper Tehama	10	--	--	--	--	--	ND	--	--	--	--	--
4810009-003	--	1430	Alluvial/Upper Tehama	10	2.5	1.5	3.17	1.7	--	1.9	4.1	4.2	--	4.3	4.5
4810008-007	750-930	966	Basal Tehama	10	--	1.53	1.2	1.7	--	1.3	1.4	1.5	1.3	1.5	--
4810008-030	1165-1195, 1256-1317, 1341-1381, 1466-1516, 1540-1610	1635	Basal Tehama	10	--	0.46	ND	0.5	--	ND	0.44	0.43	0.32	0.4	0.43
4810013-001	1017-1047, 1169-1189, 1245-1261, 1271-1291, 1351-1361	1371	Basal Tehama	10	1.1	0.69	0.93	0.62	--	0.78	--	0.82	0.98	0.97	0.97
3400122-001	--	--	Unknown	10	--	--	--	--	--	0.88	0.85	0.87	--	0.93	--
3400192-001	--	--	Unknown	10	--	--	--	--	--	ND	ND	0.23	--	ND	ND
3400420-001	--	--	Unknown	10	--	--	--	--	--	ND	1.3	0.23	--	ND	ND
3400444-001	--	--	Unknown	10	--	--	--	--	--	ND	--	--	--	--	ND
3400455-001	--	--	Unknown	10	--	--	--	--	--	ND	--	0.4	--	--	ND
3410047-001	--	--	Unknown	10	--	--	--	--	--	ND	--	0.01	--	ND	ND
3410302-002	--	--	Unknown	10	--	--	--	--	--	ND	ND	--	--	--	ND
4800612-001	--	--	Unknown	10	--	ND	ND	--	--	ND	--	--	--	ND	ND
4800709-001	--	--	Unknown	10	--	0.5	--	--	--	--	--	--	0.3	--	--
4800786-001	--	--	Unknown	10	--	0.95	1	0.96	--	0.99	1	0.99	0.9	1	0.99

Summary of Groundwater Quality Minimum Thresholds for RMS- Nitrate

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT Nitrate Concentration (mg/L)	2015 Nitrate Concentration (mg/L)	2016 Nitrate Concentration (mg/L)	2017 Nitrate Concentration (mg/L)	2018 Nitrate Concentration (mg/L)	2019 Nitrate Concentration (mg/L)	2020 Nitrate Concentration (mg/L)	2021 Nitrate Concentration (mg/L)	2022 Nitrate Concentration (mg/L)	2023 Nitrate Concentration (mg/L)	2024 Nitrate Concentration (mg/L)	2025 Nitrate Concentration (mg/L)
4810004-003	--	--	Unknown	10	--	--	--	0.4	--	1.2	1	1.9	--	--	--
4810004-004	--	--	Unknown	10	--	ND	ND	--	--	--	--	--	ND	ND	0
4810011-001	--	--	Unknown	10	--	3.4	3.5	1.2	--	1.6	--	2.3	3.9	1.9	3.4
4810020-001	--	--	Unknown	10	--	5.5	2.8	3.5	--	3.7	3.9	4.4	6.2	8.8	8
4810023-001	--	--	Unknown	10	--	ND	ND	ND	--	ND	--	0.23	ND	ND	ND
4810801-002	--	--	Unknown	10	--	0.29	0.31	0.42	--	0.51	--	--	0.21	0.21	--

Notes

-- - Not historically monitored, MT will be set at 5 year update

Summary of Groundwater Quality Minimum Thresholds for RMS- TDS

Well Number	Screen Interval	Well Depth	Aquifer Designation	MT TDS Concentration (mg/L)	2015 TDS Concentration (mg/L)	2016 TDS Concentration (mg/L)	2017 TDS Concentration (mg/L)	2018 TDS Concentration (mg/L)	2019 TDS Concentration (mg/L)	2020 TDS Concentration (mg/L)	2021 TDS Concentration (mg/L)	2022 TDS Concentration (mg/L)	2023 TDS Concentration (mg/L)	2024 TDS Concentration (mg/L)	2025 TDS Concentration (mg/L)
61493	70-80	120	Alluvial/Upper Tehama	1176	--	--	--	980	--	--	--	--	--	--	--
61494	115-165	165	Alluvial/Upper Tehama	810	--	--	--	690	660	--	--	--	--	--	--
07N01E08N002M	101-141	141	Alluvial/Upper Tehama	500	--	--	--	--	--	--	--	--	--	--	--
07N01E14J001M	156-366, 384-576	600	Alluvial/Upper Tehama	597.87	--	--	--	--	--	--	540	--	--	--	--
08N01E32N001M	120-600	600	Alluvial/Upper Tehama	500	--	--	--	--	--	--	--	--	--	--	--
08N01E35K001M		815	Alluvial/Upper Tehama	500	--	400	--	--	--	320	--	380	--	310	340
4810008-025	372-572	582	Alluvial/Upper Tehama	500	--	--	--	--	--	280	--	--	--	--	--
4810009-003	--	1430	Alluvial/Upper Tehama	500	360	--	--	280	--	--	320	--	--	350	--
4810008-007	750-930	966	Basal Tehama	500	--	--	360	--	--	400	--	--	360	--	--
4810008-030	1165-1195, 1256-1317, 1341-1381, 1466-1516, 1540-1610	1635	Basal Tehama	500	--	--	300	--	--	310	--	--	300	330	--
4810013-001	1017-1047, 1169-1189, 1245-1261, 1271-1291, 1351-1361	1371	Basal Tehama	500	--	360	--	--	350	--	--	380	--	--	--
3400122-001	--	--	Unknown	500	--	170	--	--	--	--	--	--	--	180	--
3400192-001	--	--	Unknown	500	--	--	--	--	150	--	--	170	--	--	290
3400420-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3400444-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3400455-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
3410047-001	--	--	Unknown	500	110	--	--	150	--	--	130	--	--	140	202
3410302-002	--	--	Unknown	985	--	--	--	--	--	--	--	--	--	--	--
4800612-001	--	--	Unknown	--	--	--	--	--	--	--	--	--	--	--	--
4800709-001	--	--	Unknown	552	--	--	--	--	--	--	--	--	--	--	--
4800786-001	--	--	Unknown	500	--	--	--	--	--	--	--	--	--	--	--

Summary of Groundwater Quality Minimum Thresholds for RMS- TDS

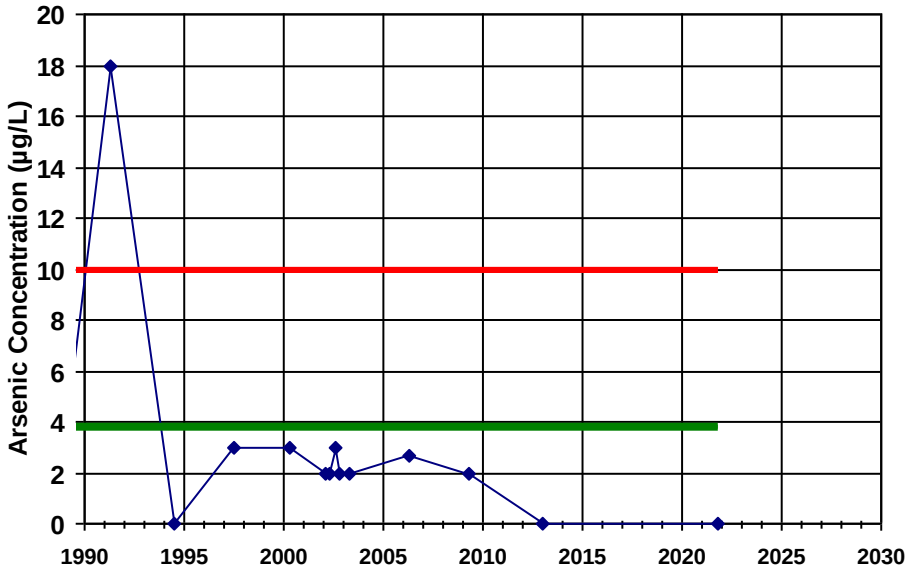
Well Number	Screen Interval	Well Depth	Aquifer Designation	MT TDS Concentration (mg/L)	2015 TDS Concentration (mg/L)	2016 TDS Concentration (mg/L)	2017 TDS Concentration (mg/L)	2018 TDS Concentration (mg/L)	2019 TDS Concentration (mg/L)	2020 TDS Concentration (mg/L)	2021 TDS Concentration (mg/L)	2022 TDS Concentration (mg/L)	2023 TDS Concentration (mg/L)	2024 TDS Concentration (mg/L)	2025 TDS Concentration (mg/L)
4810004-003	--	--	Unknown	500	410	430	400	380	410	420	440	440	--	--	--
4810004-004	--	--	Unknown	500	--	430	390	390	400	410	420	450	410	410	440
4810011-001	--	--	Unknown	534.75	--	--	530	--	--	380	--	--	--	530	530
4810020-001	--	--	Unknown	500	--	--	--	--	--	--	--	--	--	--	--
4810023-001	--	--	Unknown	500	--	--	--	--	--	--	--	--	--	--	--
4810801-002	--	--	Unknown	852	--	--	730	--	--	--	--	--	--	--	--

Notes

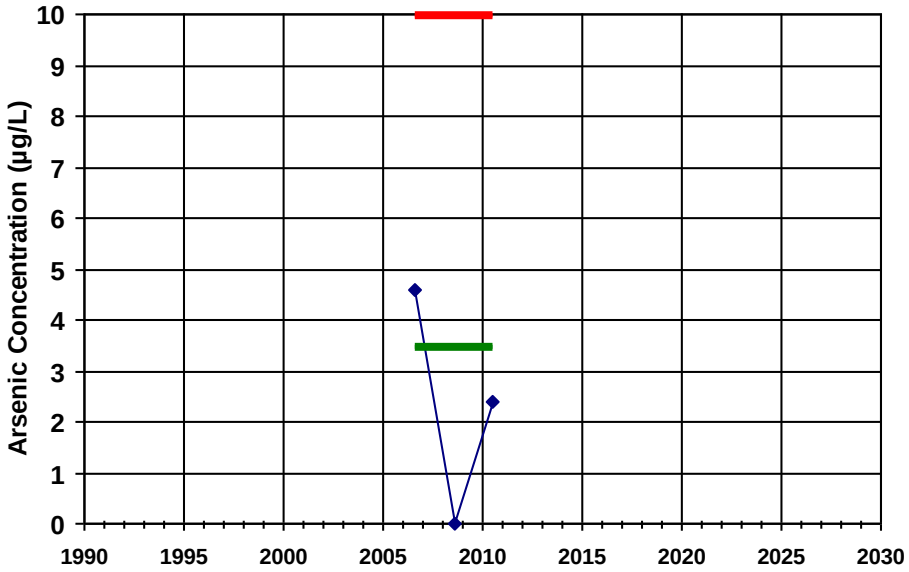
-- - Not historically monitored, MT will be set at 5 year update

Appendix H2 Water Quality RMS Plots

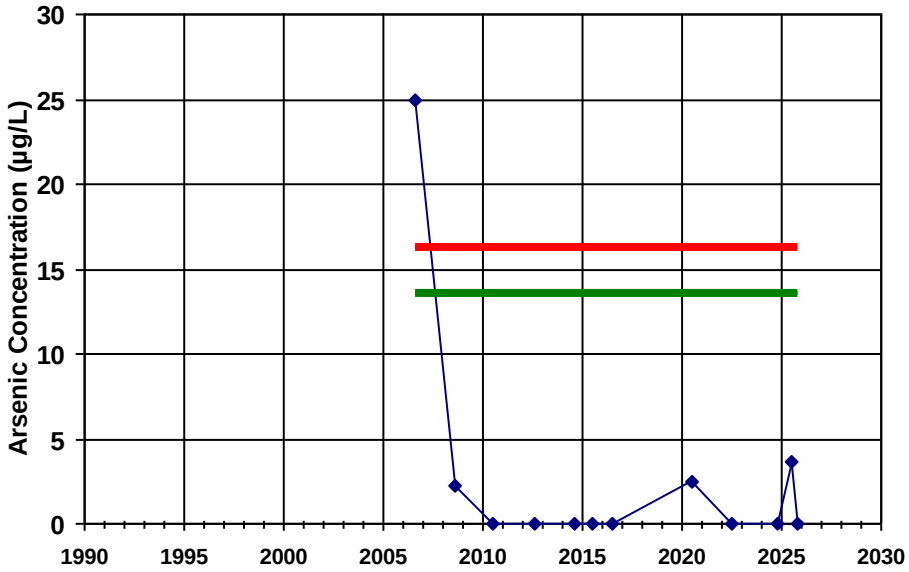
RMSID: 07N01E14J001M
Zone: Alluvial Aquifer/Upper Tehama
Data Source: GAMA
MO: 3.8 MT: 10 Well Depth: 600



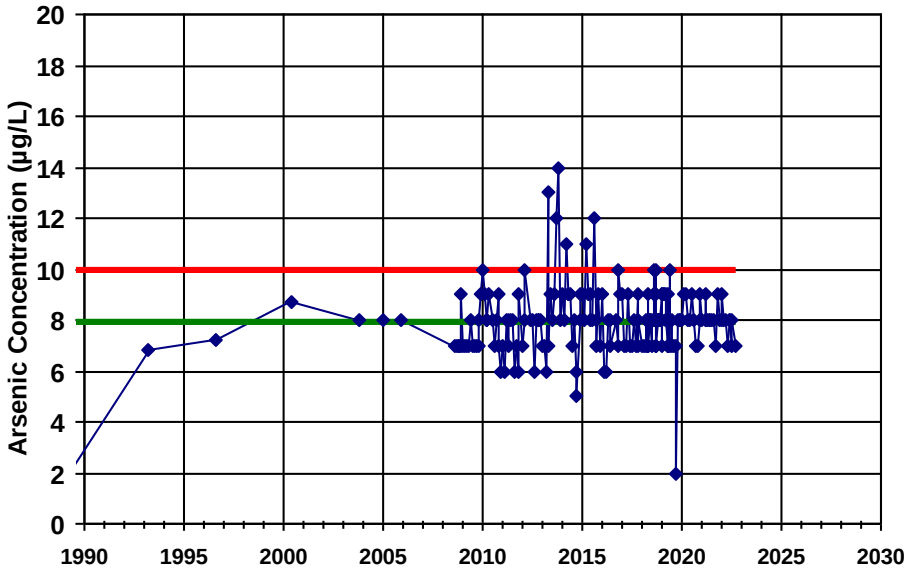
RMSID: 08N01E32N001M
Zone: Alluvial Aquifer/Upper Tehama
Data Source: SID
MO: 3.5 MT: 10 Well Depth: 600



RMSID: 08N01E35K001M
Zone: Alluvial Aquifer/Upper Tehama
Data Source: SID
MO: 13.6 MT: 16.3 Well Depth: 815



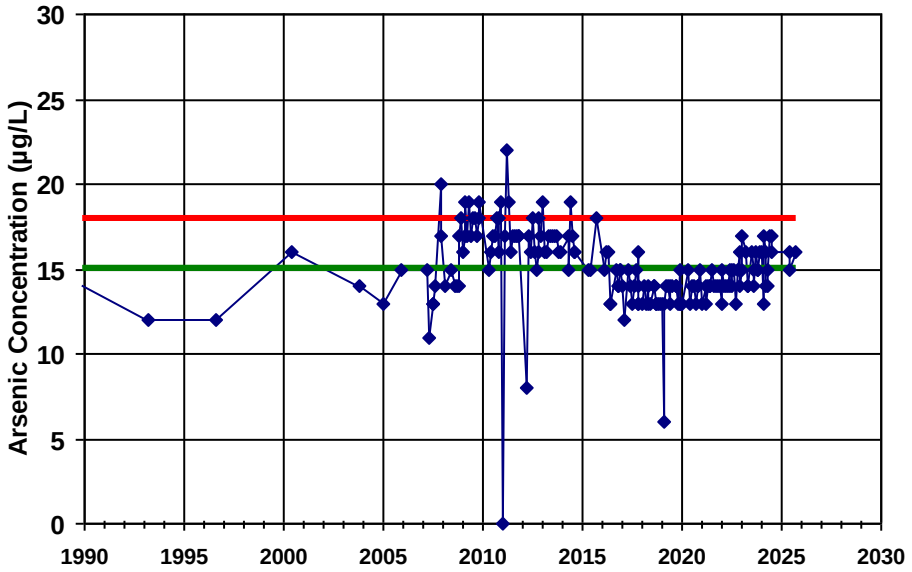
RMSID: 4810004-003
Zone: Alluvial Aquifer/Upper Tehama
Data Source: GAMA
MO: 7.9 MT: 10 Well Depth: 800



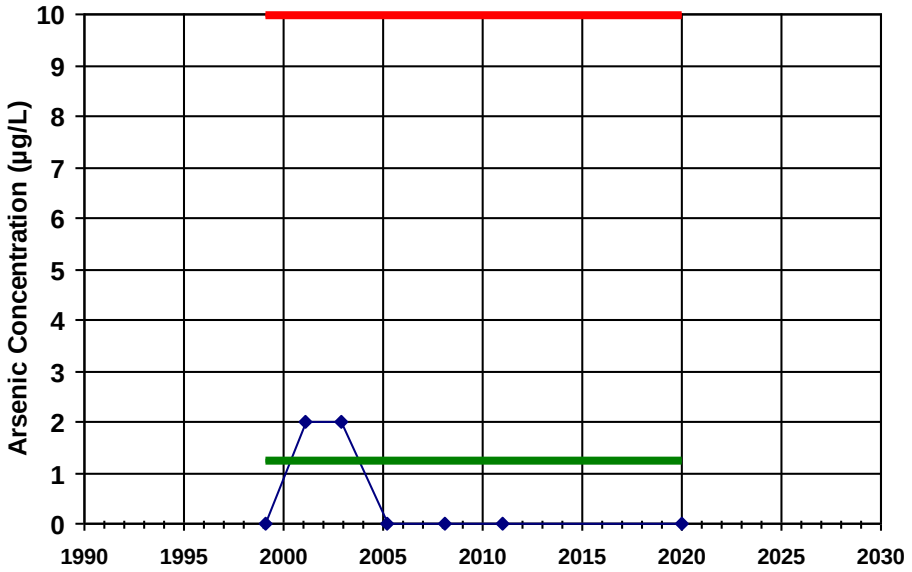
Non-detects are plotted as 0

{R_WQ_Asplots}

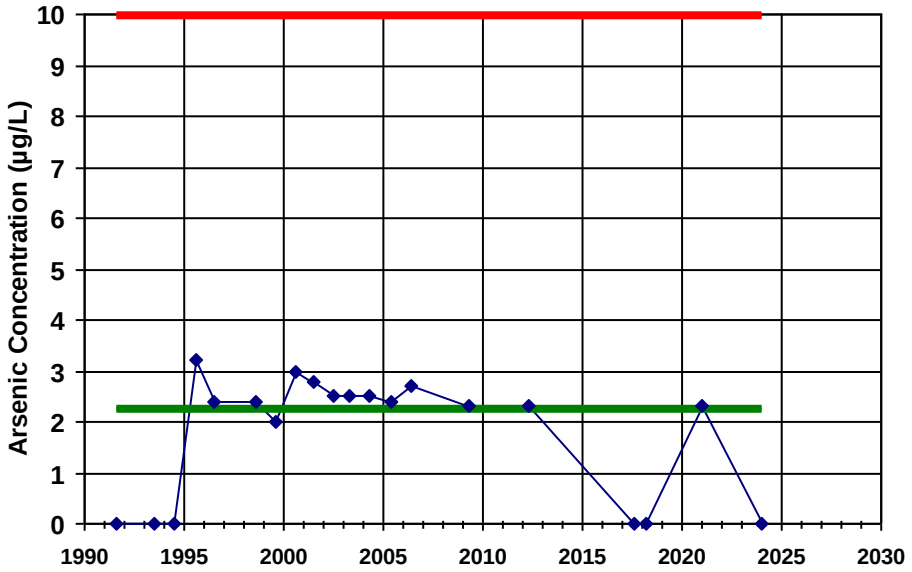
RMSID: 4810004-004
Zone: Alluvial Aquifer/Upper Tehama
MO: 15.1 MT: 18
Data Source: GAMA
Well Depth: 520



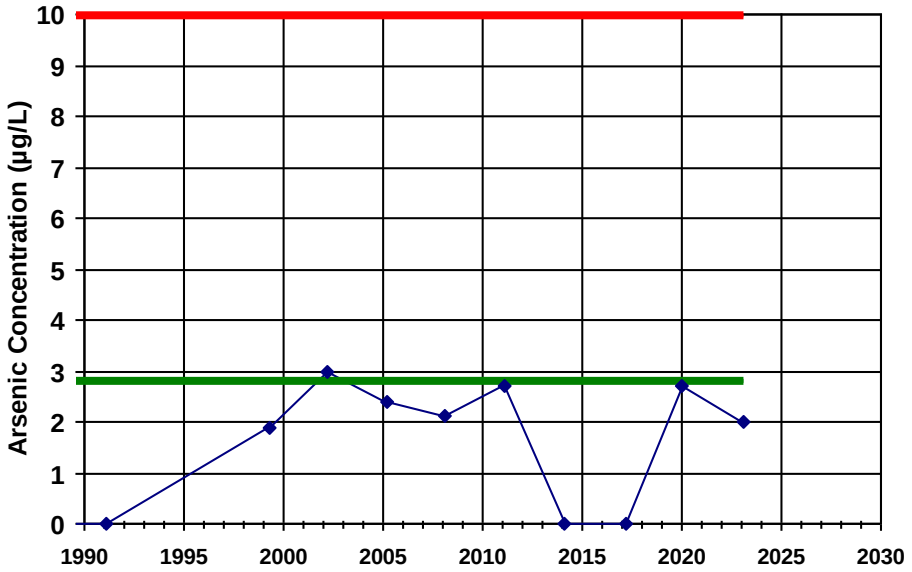
RMSID: 4810008-025
Zone: Alluvial Aquifer/Upper Tehama
MO: 1.2 MT: 10
Data Source: GAMA
Well Depth: 582



RMSID: 4810009-003
Zone: Alluvial Aquifer/Upper Tehama
MO: 2.3 MT: 10
Data Source: GAMA
Well Depth: 1430



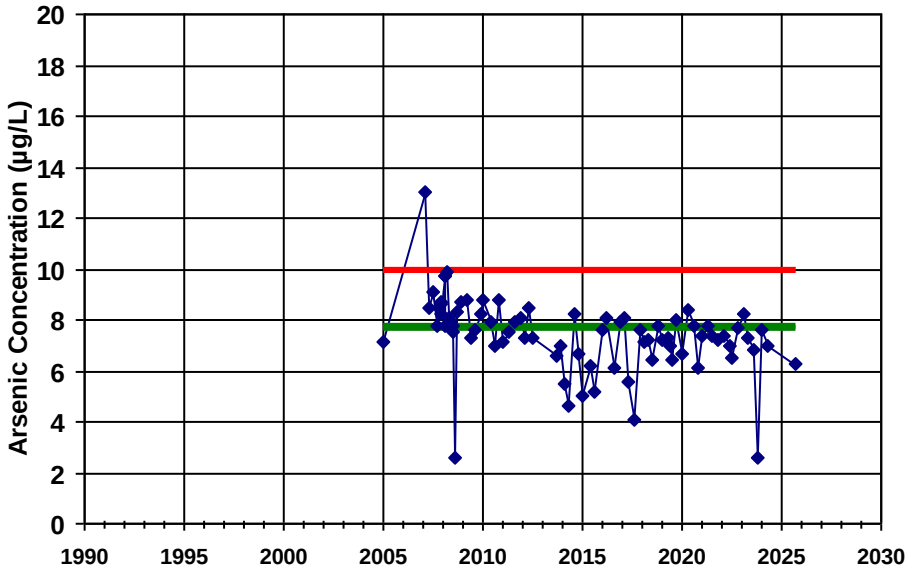
RMSID: 4810008-007
Zone: Basal Tehama
MO: 2.8 MT: 10
Data Source: GAMA
Well Depth: 966



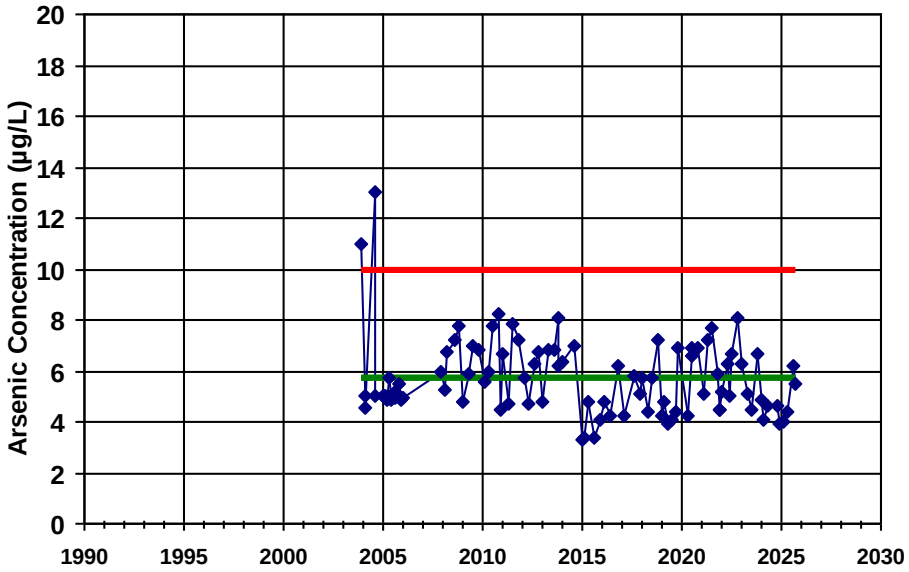
Non-detects are plotted as 0

{R_WQ_Asplots}

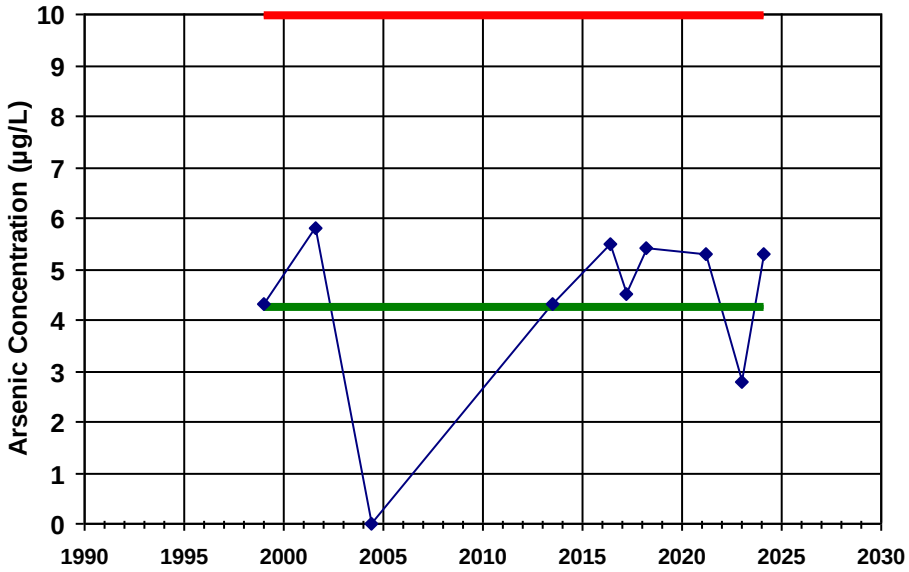
RMSID: 4810008-030
Zone: Basal Tehama
MO: 7.7 MT: 10
Data Source: GAMA
Well Depth: 1635



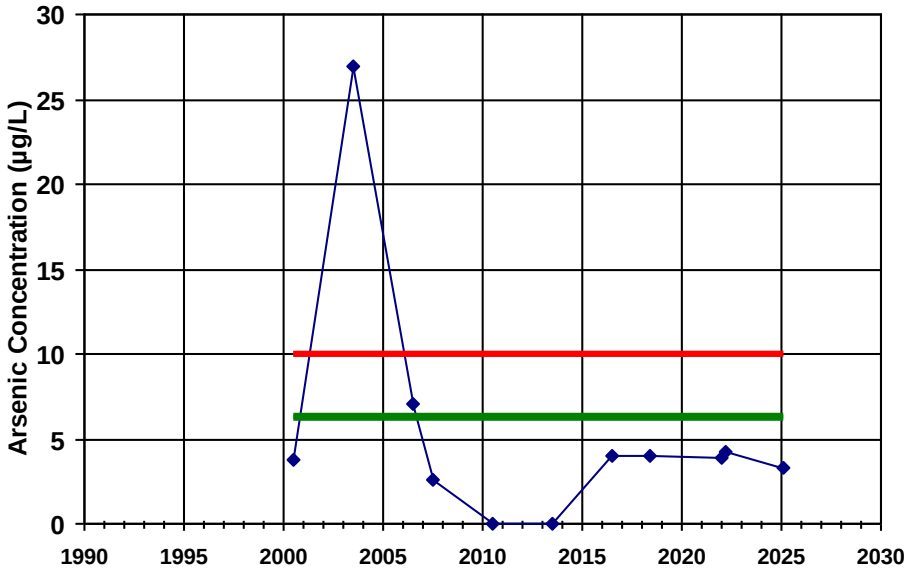
RMSID: 4810013-001
Zone: Basal Tehama
MO: 5.7 MT: 10
Data Source: GAMA
Well Depth: 1371



RMSID: 3400122-001
Zone: Unknown
MO: 4.3 MT: 10
Data Source: GAMA
Well Depth: N/A



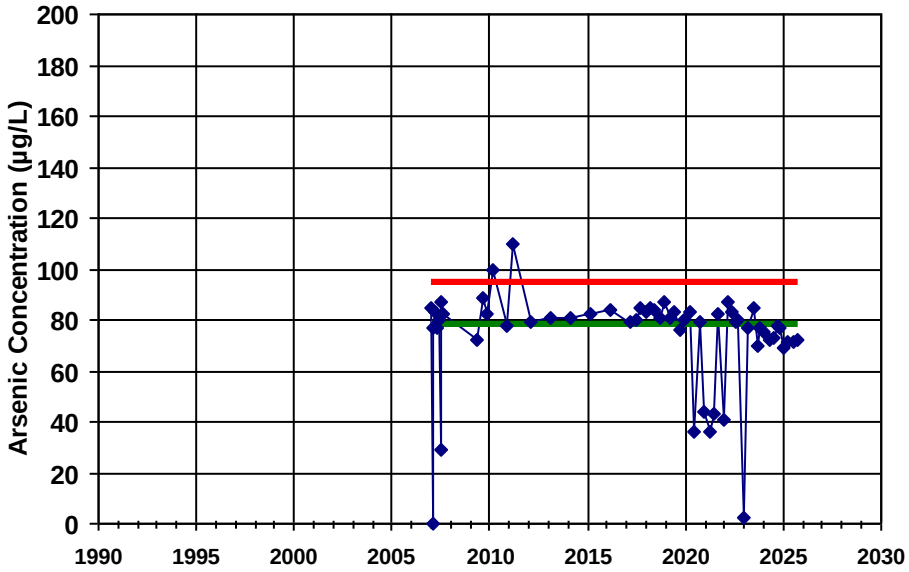
RMSID: 3400192-001
Zone: Unknown
MO: 6.3 MT: 10
Data Source: GAMA
Well Depth: N/A



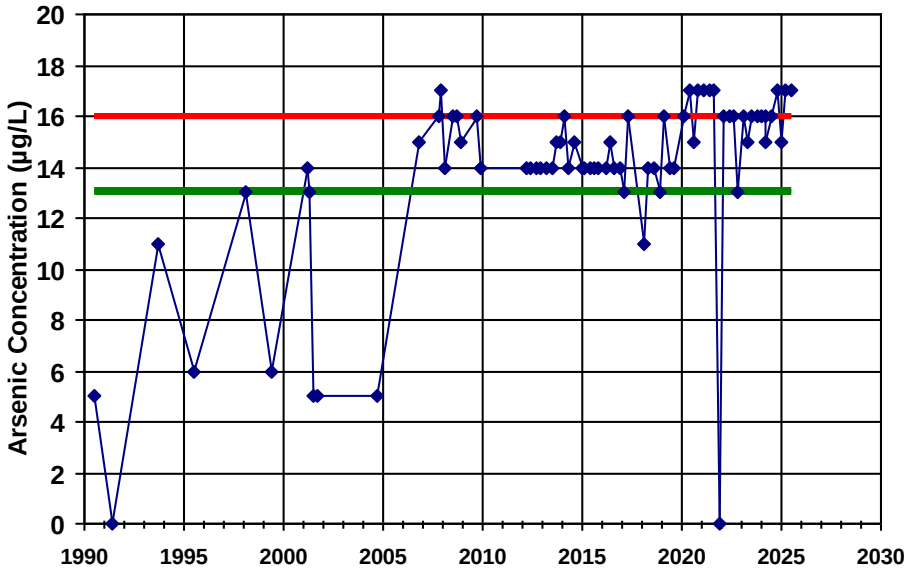
Non-detects are plotted as 0

{R_WQ_Asplots}

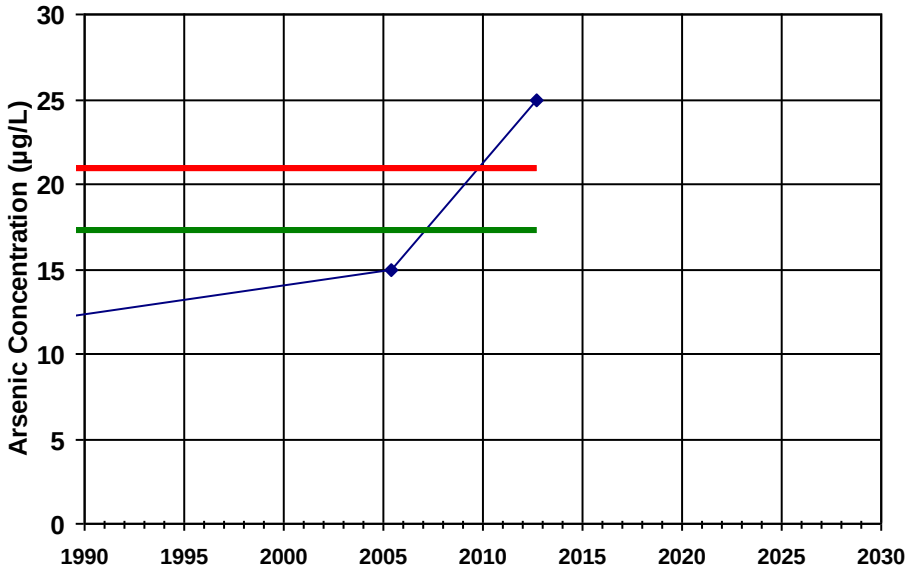
RMSID: 3400420-001
Zone: Unknown Data Source: GAMA
MO: 78.8 MT: 94.6 Well Depth: N/A



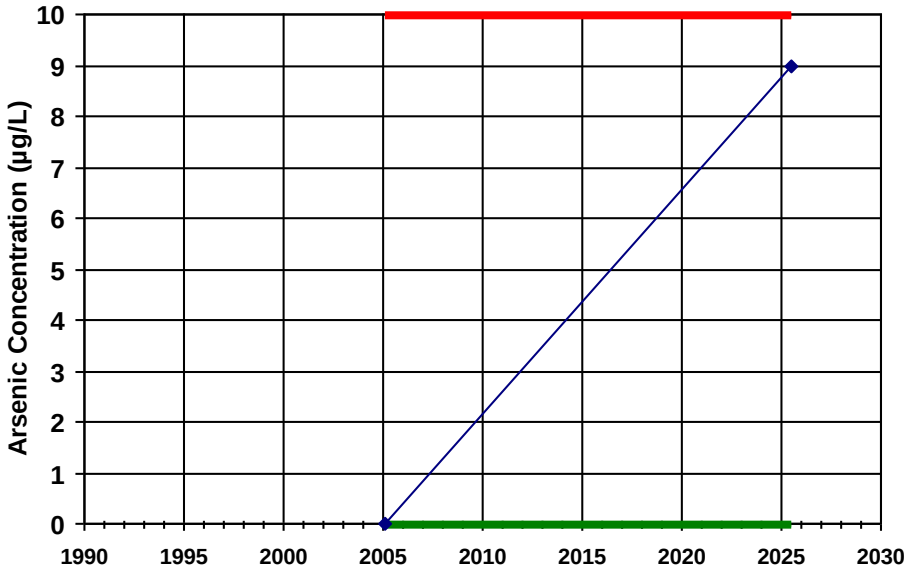
RMSID: 3410047-001
Zone: Unknown Data Source: GAMA
MO: 13.1 MT: 16 Well Depth: N/A



RMSID: 3410302-002
Zone: Unknown Data Source: DHS
MO: 17.3 MT: 21 Well Depth: N/A



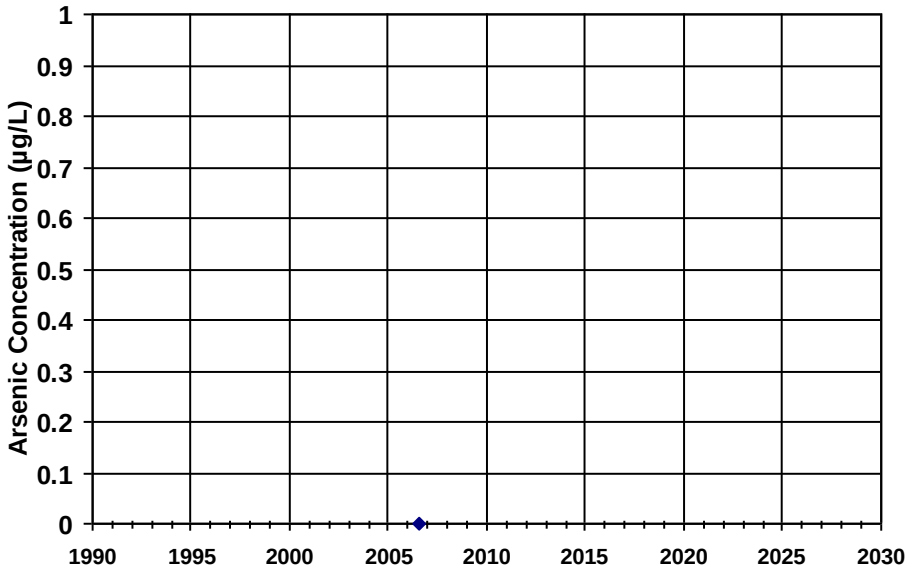
RMSID: 4800612-001
Zone: Unknown Data Source: GAMA
MO: 0 MT: 10 Well Depth: N/A



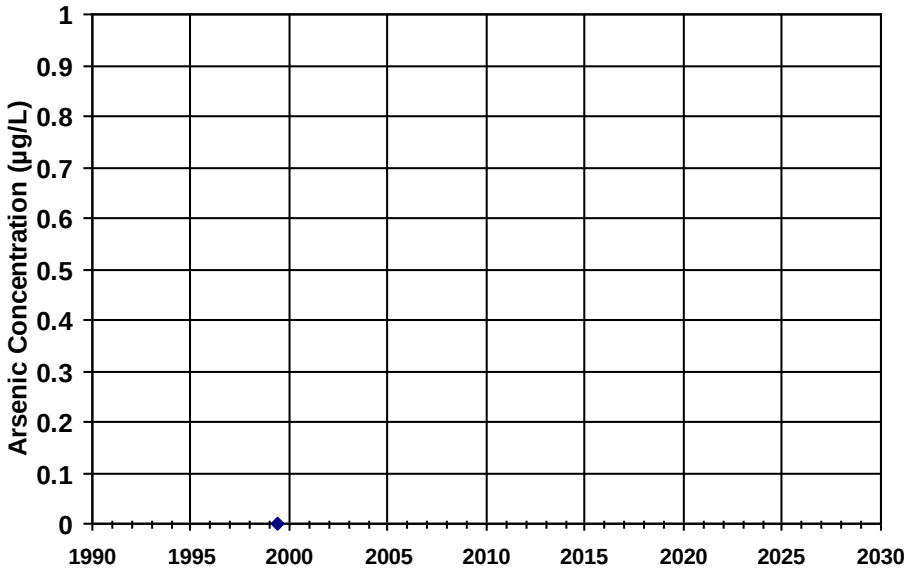
Non-detects are plotted as 0

{R_WQ_Asplots}

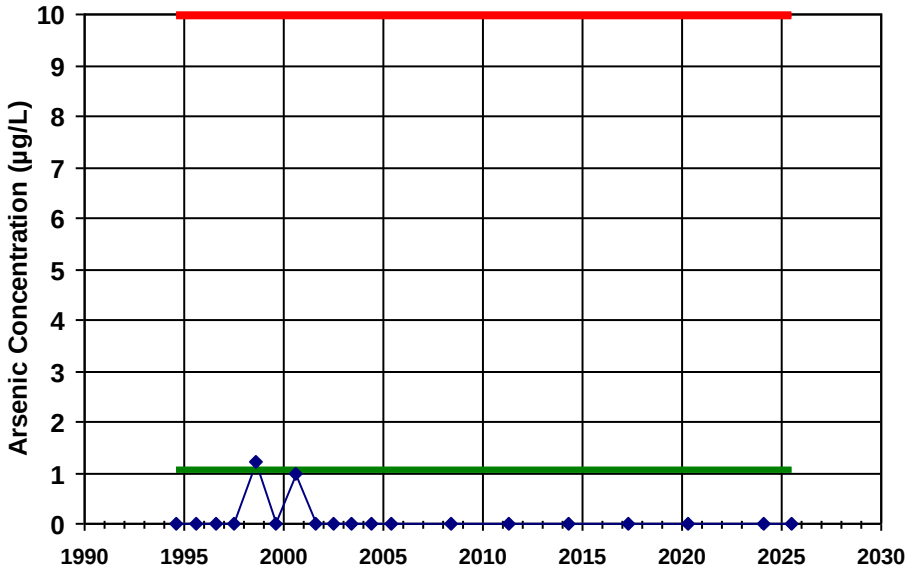
RMSID: 4800709-001
Zone: Unknown Data Source: DDW
MO: 0 MT: 10 Well Depth: N/A



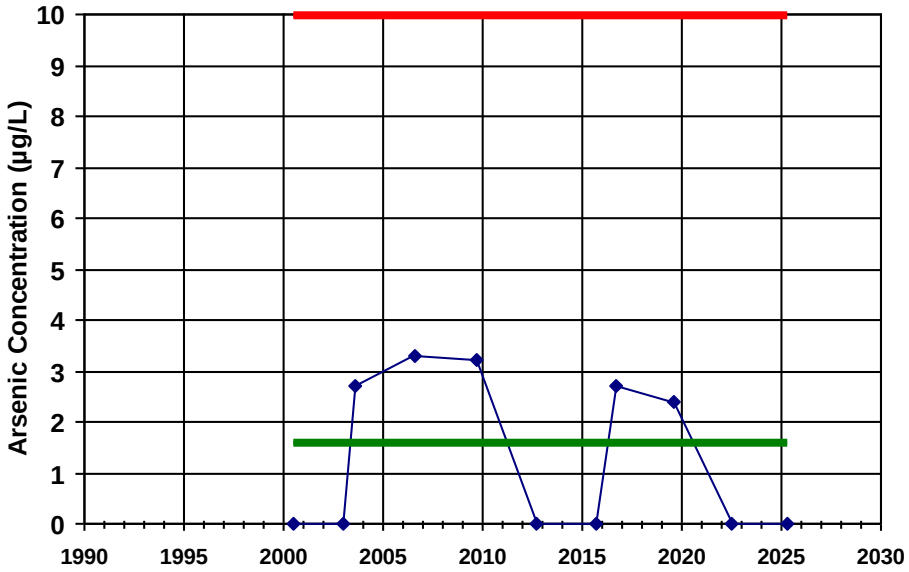
RMSID: 4800786-001
Zone: Unknown Data Source: DDW
MO: 0 MT: 10 Well Depth: N/A



RMSID: 4810011-001
Zone: Unknown Data Source: SID
MO: 1.1 MT: 10 Well Depth: N/A



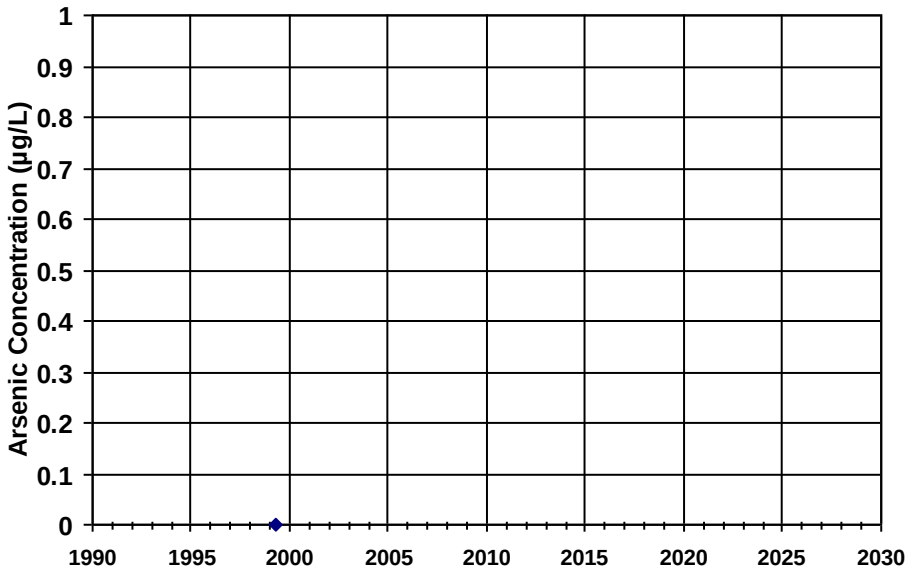
RMSID: 4810020-001
Zone: Unknown Data Source: GAMA
MO: 1.6 MT: 10 Well Depth: 60



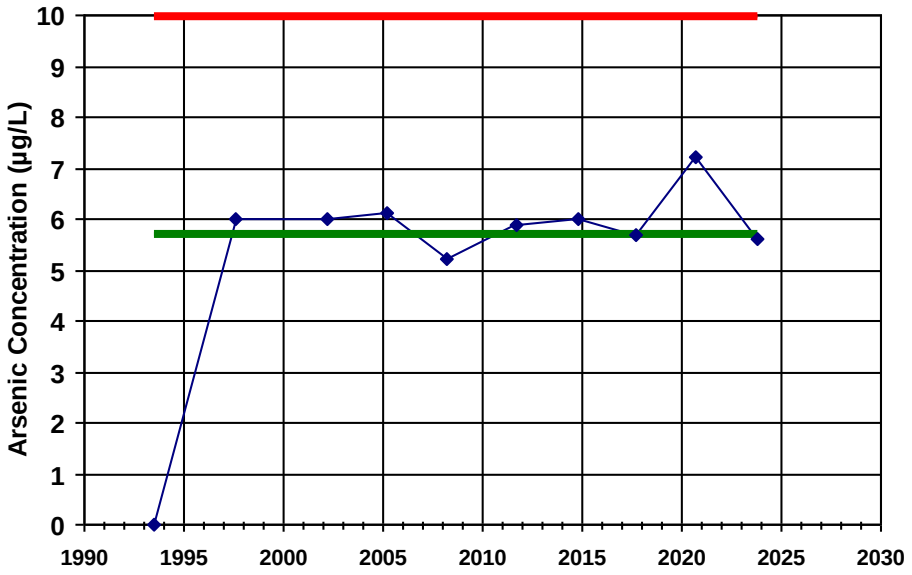
Non-detects are plotted as 0

{R_WQ_Asplots}

RMSID: 4810023-001
Zone: Unknown Data Source: DDW
MO: 0 MT: 10 Well Depth: N/A



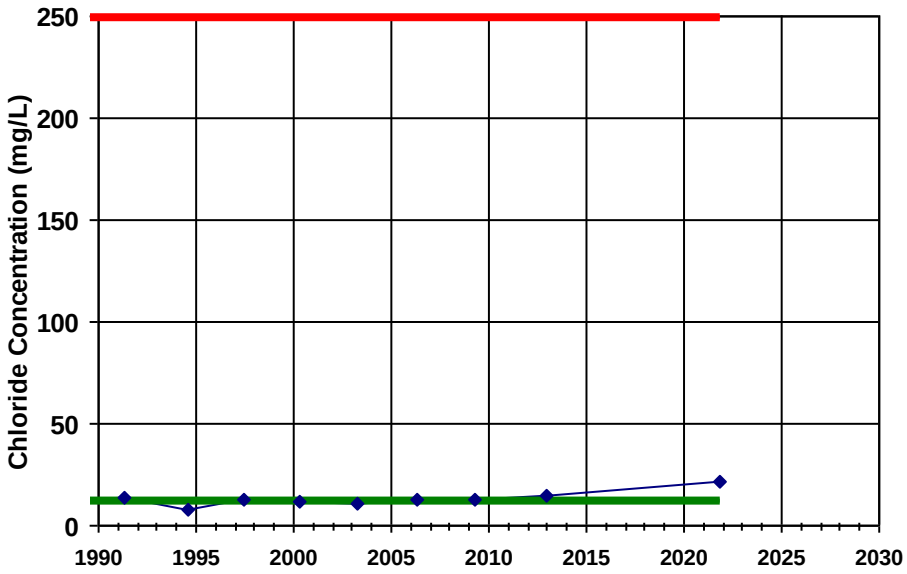
RMSID: 4810801-002
Zone: Unknown Data Source: GAMA
MO: 5.7 MT: 10 Well Depth: N/A



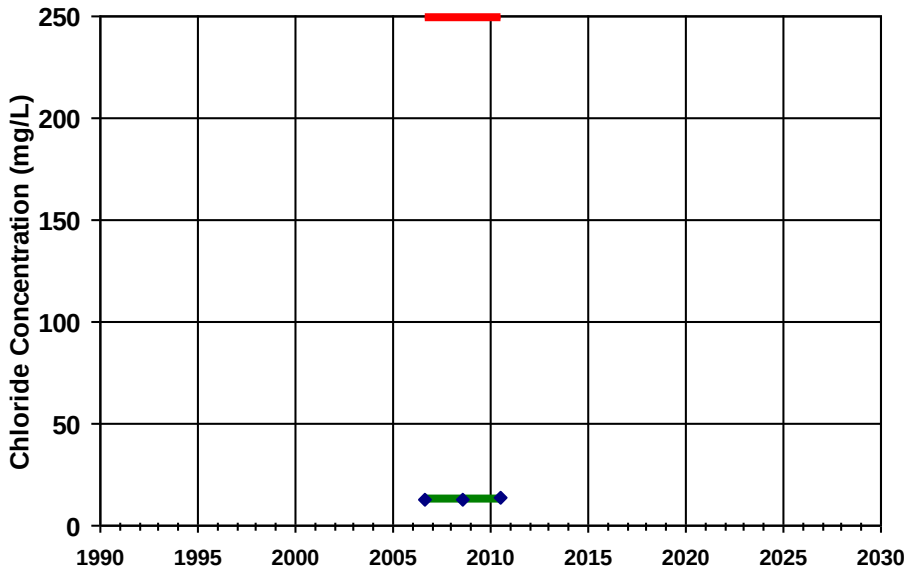
Non-detects are plotted as 0

{R_WQ_Asplots}

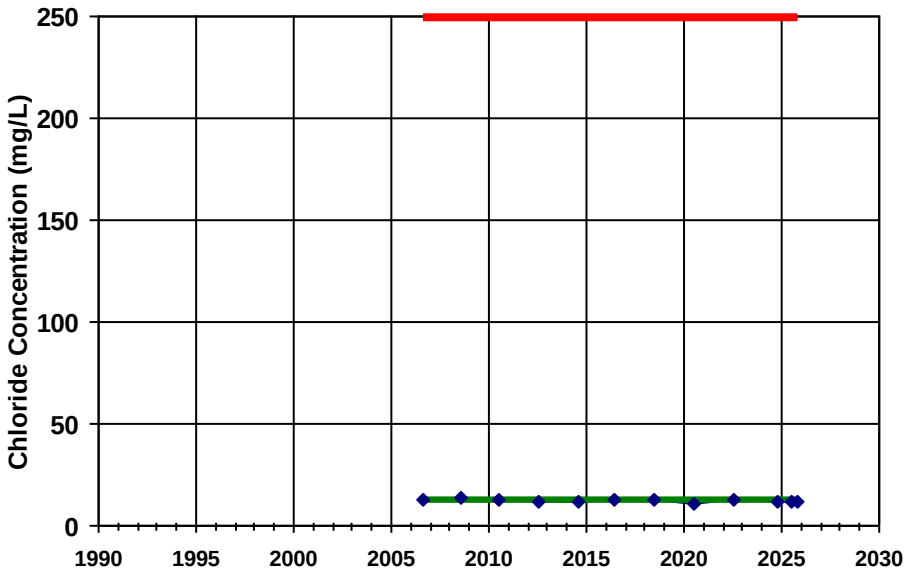
RMSID: 07N01E14J001M
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 12.4 MT: 250 Well Depth: 600



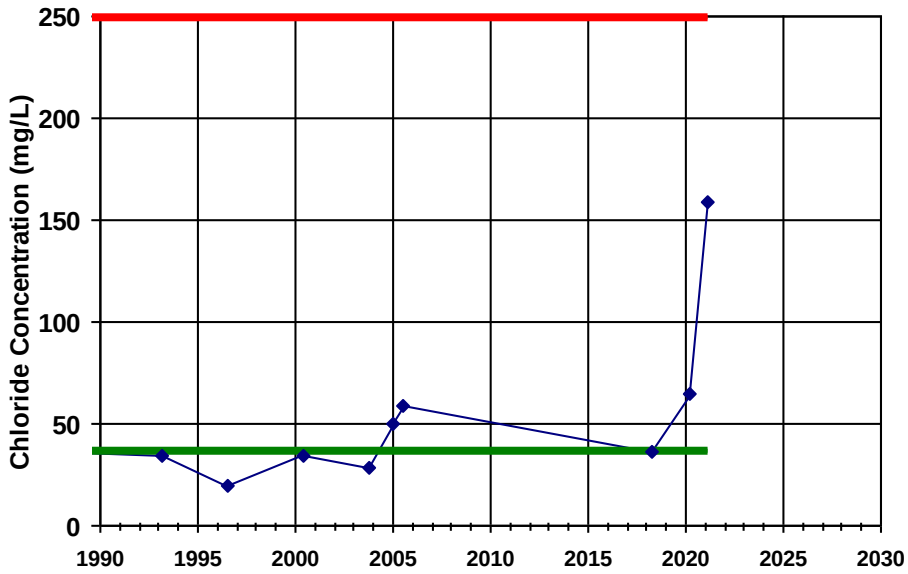
RMSID: 08N01E32N001M
Zone: Alluvial Aquifer/Upper Tehama Data Source: SID
MO: 13.3 MT: 250 Well Depth: 600



RMSID: 08N01E35K001M
Zone: Alluvial Aquifer/Upper Tehama Data Source: SID
MO: 12.8 MT: 250 Well Depth: 815



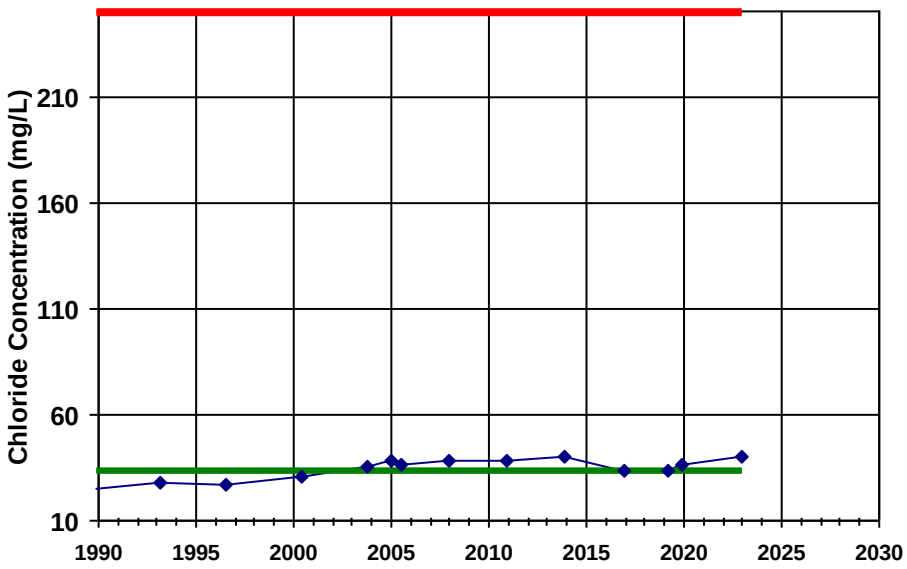
RMSID: 4810004-003
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 37.1 MT: 250 Well Depth: 800



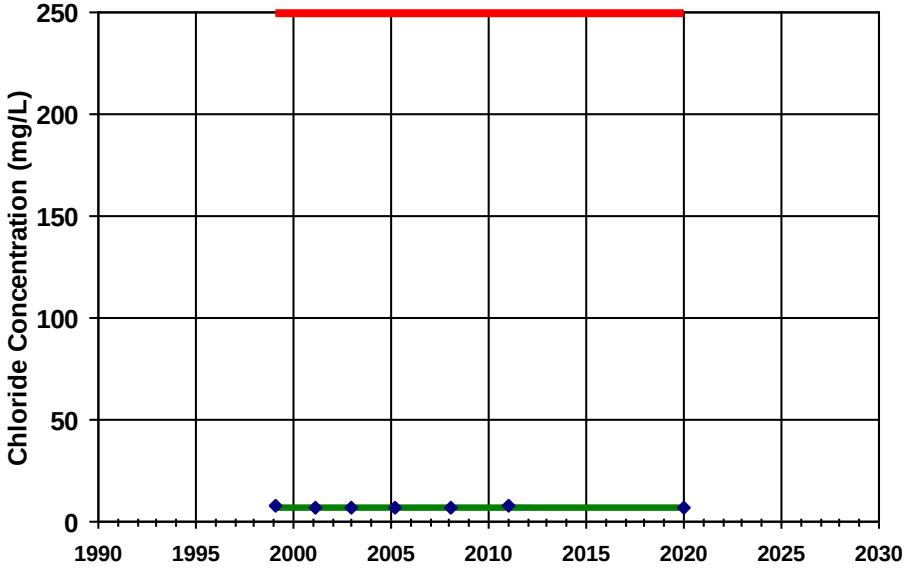
Non-detects are plotted as 0

{R_WQ_Asplots}

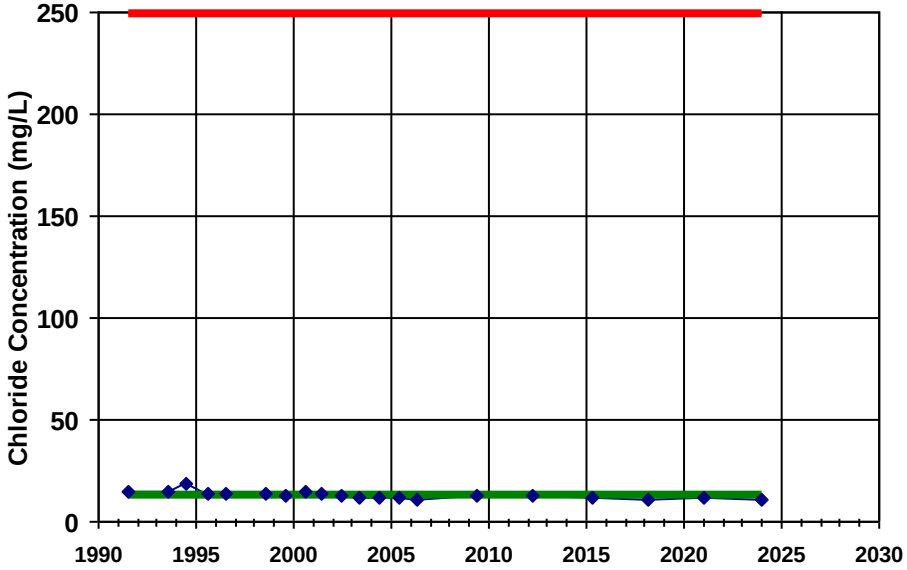
RMSID: 4810004-004
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 33.8 MT: 250 Well Depth: 520



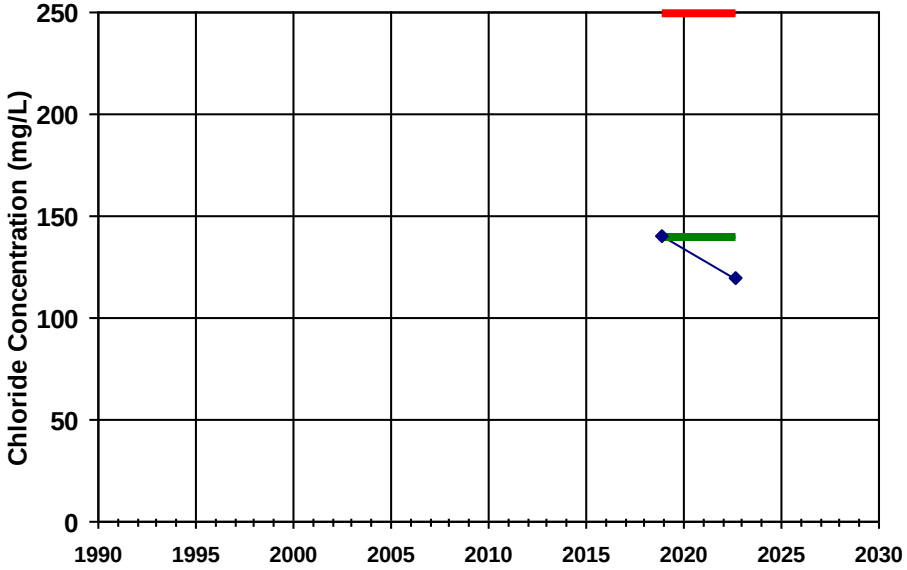
RMSID: 4810008-025
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 7.2 MT: 250 Well Depth: 582



RMSID: 4810009-003
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 13.4 MT: 250 Well Depth: 1430



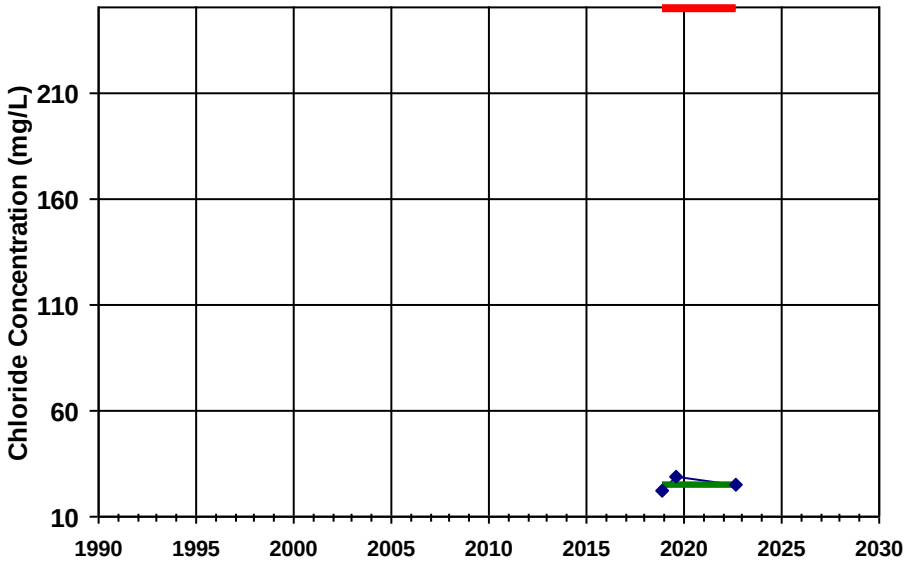
RMSID: 61493
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 140 MT: 250 Well Depth: 120



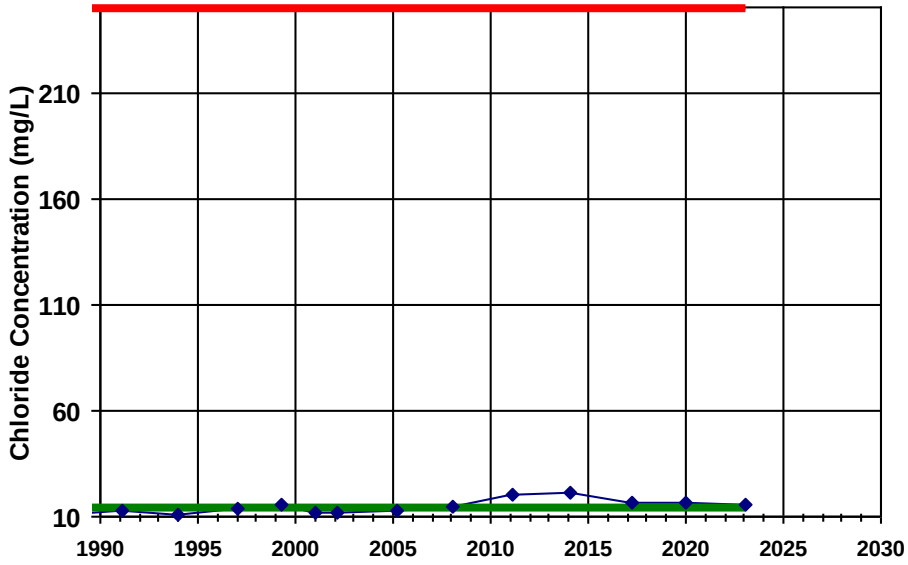
Non-detects are plotted as 0

{R_WQ_Asplots}

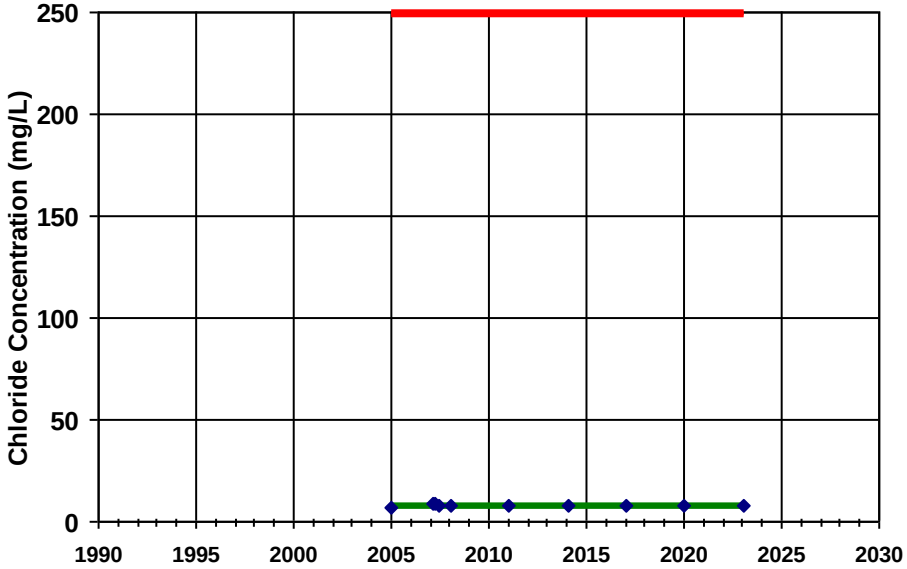
RMSID: 61494
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 25.5 MT: 250 Well Depth: 165



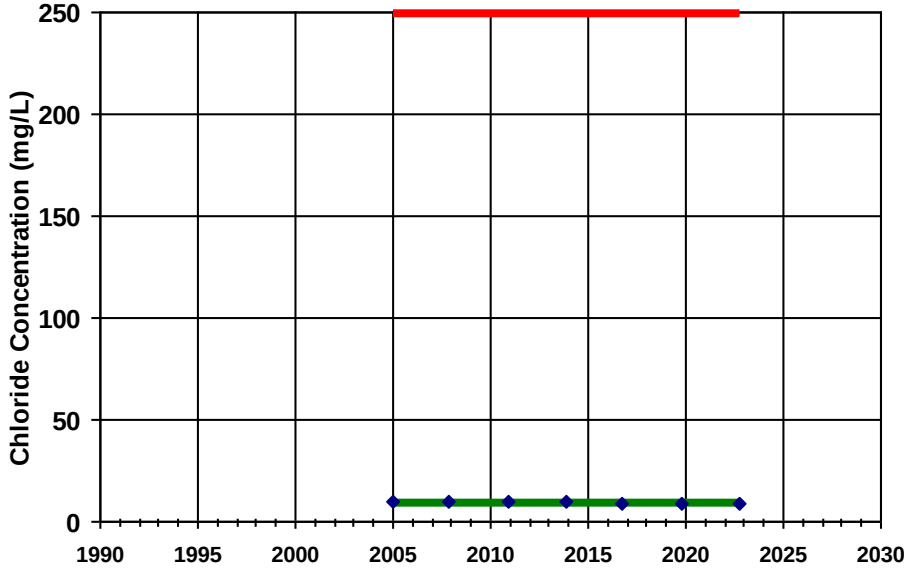
RMSID: 4810008-007
Zone: Basal Tehama Data Source: GAMA
MO: 14.6 MT: 250 Well Depth: 966



RMSID: 4810008-030
Zone: Basal Tehama Data Source: GAMA
MO: 8 MT: 250 Well Depth: 1635



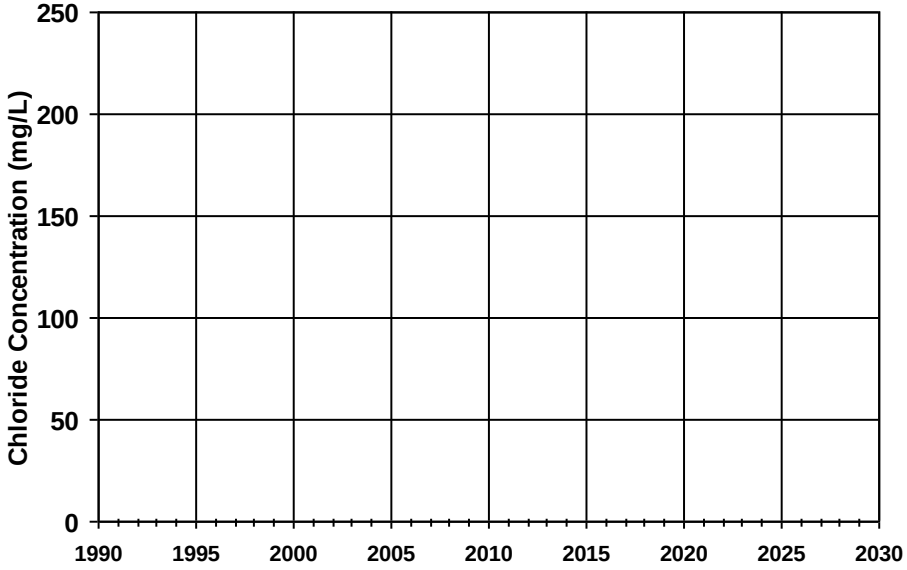
RMSID: 4810013-001
Zone: Basal Tehama Data Source: GAMA
MO: 9.6 MT: 250 Well Depth: 1371



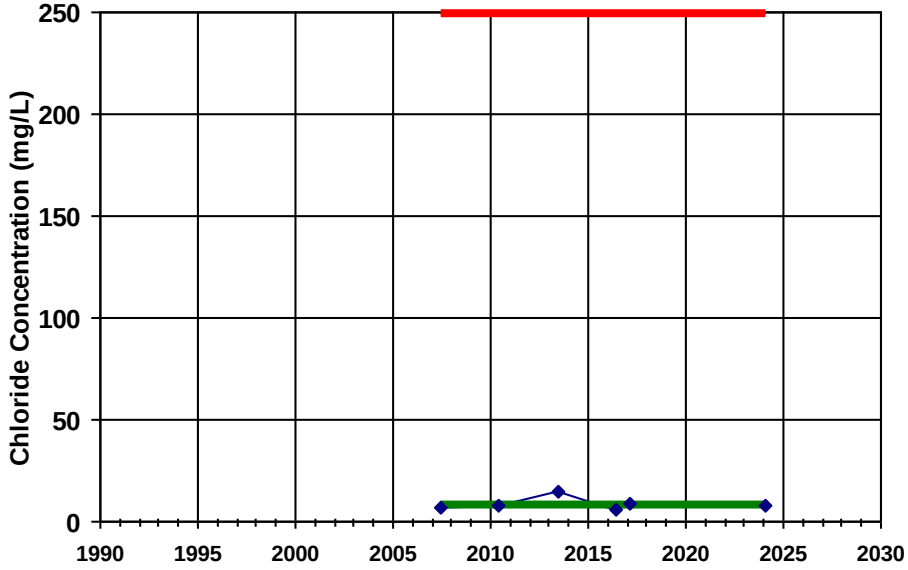
Non-detects are plotted as 0

{R_WQ_Asplots}

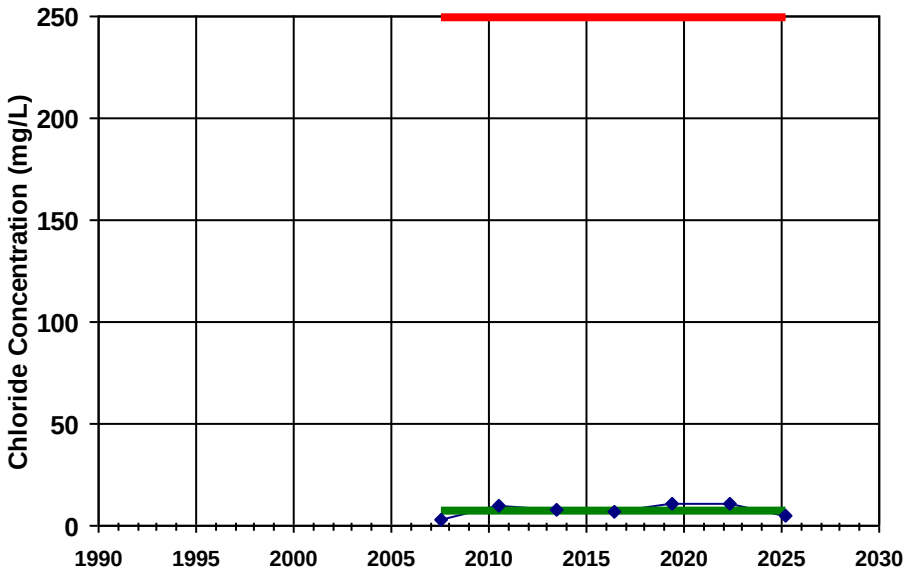
RMSID: 07N01E08N002M
Zone: Unknown Data Source: DWR
MO: 27.3 MT: 250 Well Depth: 141



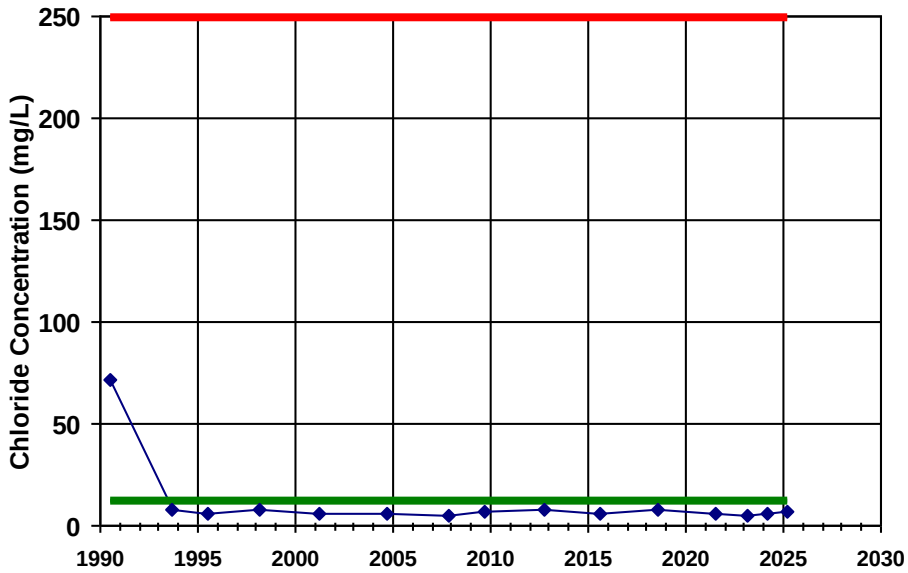
RMSID: 3400122-001
Zone: Unknown Data Source: GAMA
MO: 8.8 MT: 250 Well Depth: N/A



RMSID: 3400192-001
Zone: Unknown Data Source: GAMA
MO: 7.8 MT: 250 Well Depth: N/A



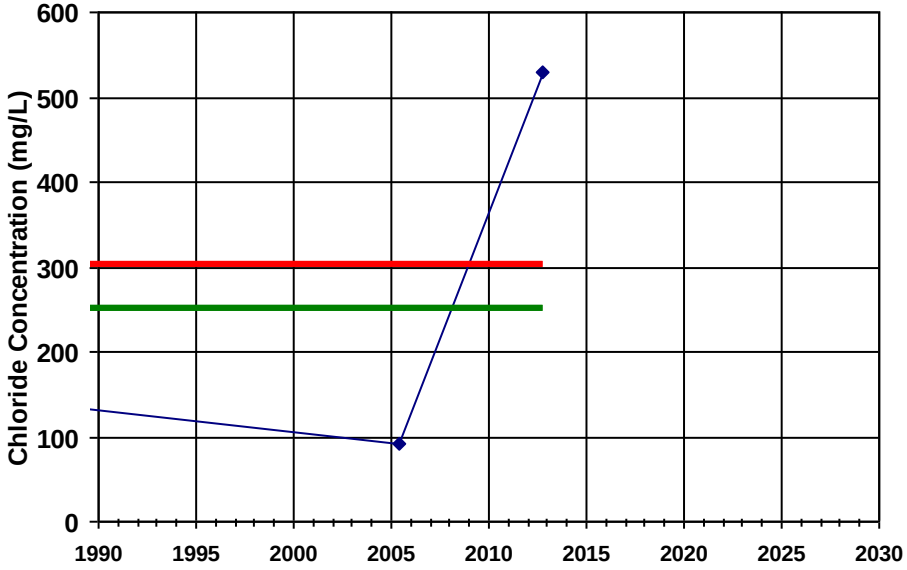
RMSID: 3410047-001
Zone: Unknown Data Source: GAMA
MO: 12.6 MT: 250 Well Depth: N/A



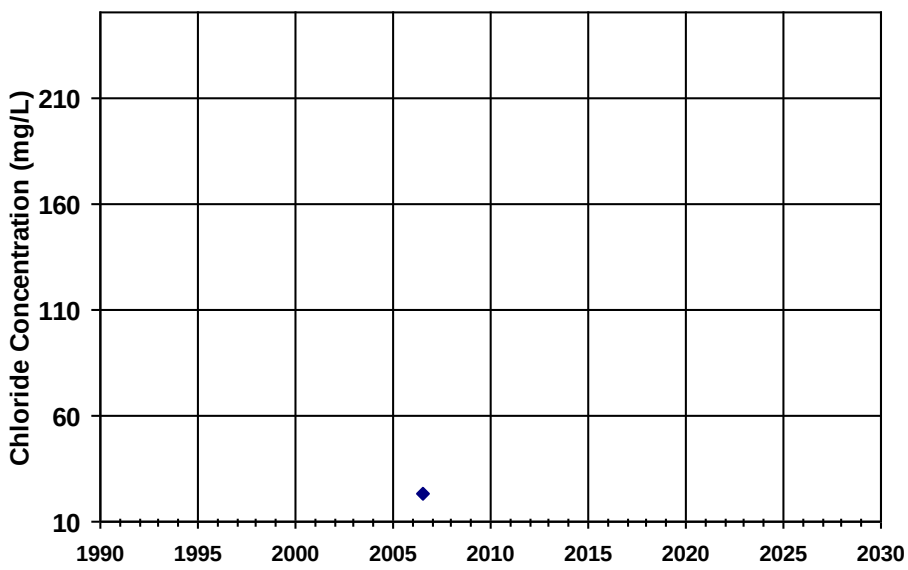
Non-detects are plotted as 0

{R_WQ_Asplots}

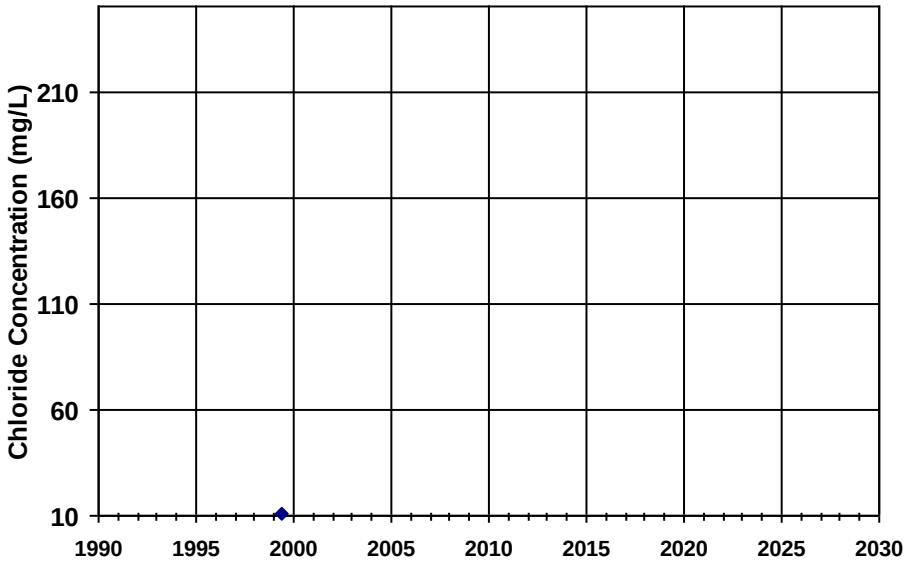
RMSID: 3410302-002
Zone: Unknown Data Source: DDW
MO: 252.7 MT: 303 Well Depth: N/A



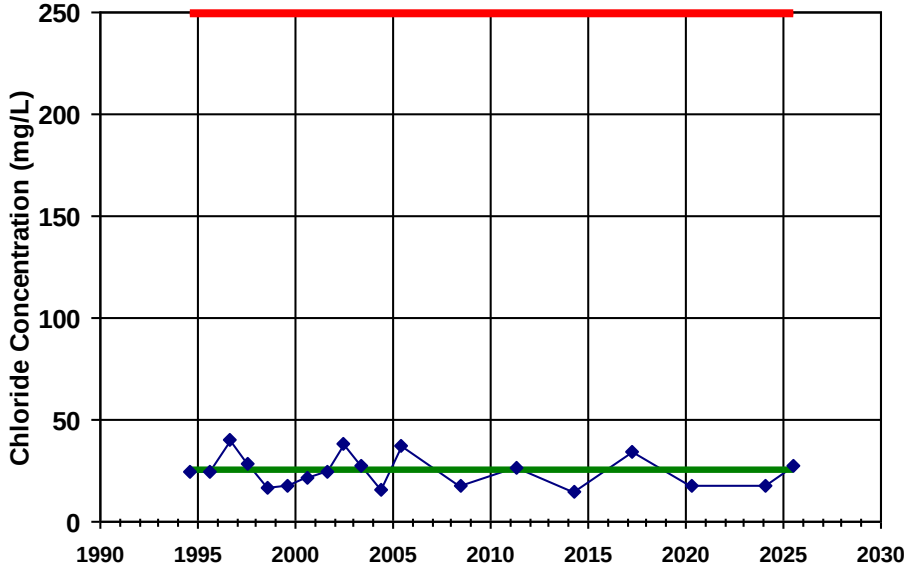
RMSID: 4800709-001
Zone: Unknown Data Source: DDW
MO: 23 MT: 250 Well Depth: N/A



RMSID: 4800786-001
Zone: Unknown Data Source: DDW
MO: 11 MT: 250 Well Depth: N/A



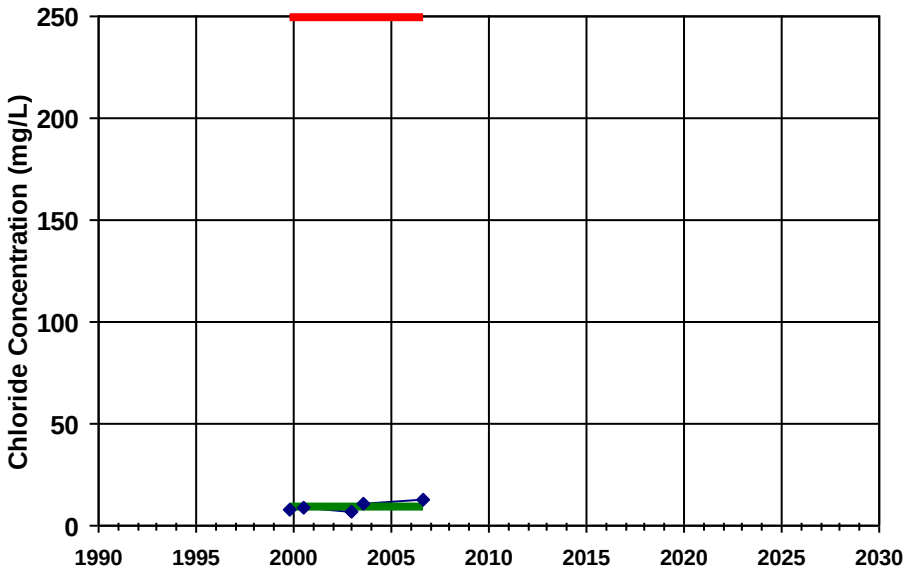
RMSID: 4810011-001
Zone: Unknown Data Source: SID
MO: 25.7 MT: 250 Well Depth: N/A



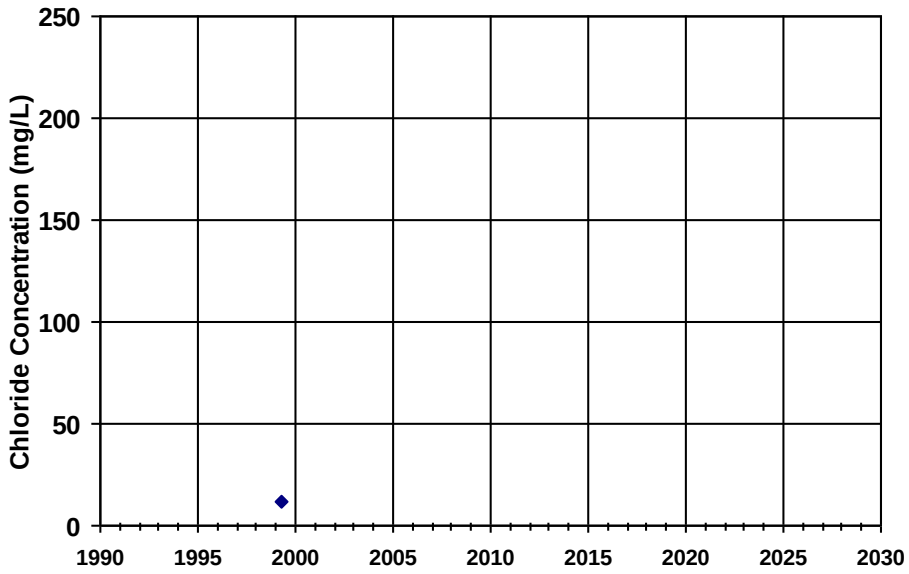
Non-detects are plotted as 0

{R_WQ_Asplots}

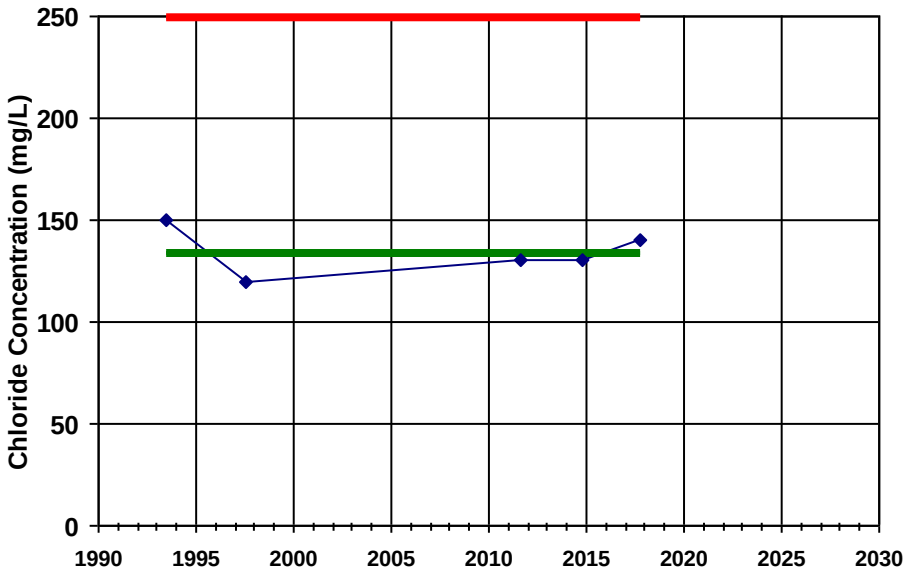
RMSID: 4810020-001
Zone: Unknown Data Source: DDW
MO: 9.6 MT: 250 Well Depth: 60



RMSID: 4810023-001
Zone: Unknown Data Source: DDW
MO: 12 MT: 250 Well Depth: N/A



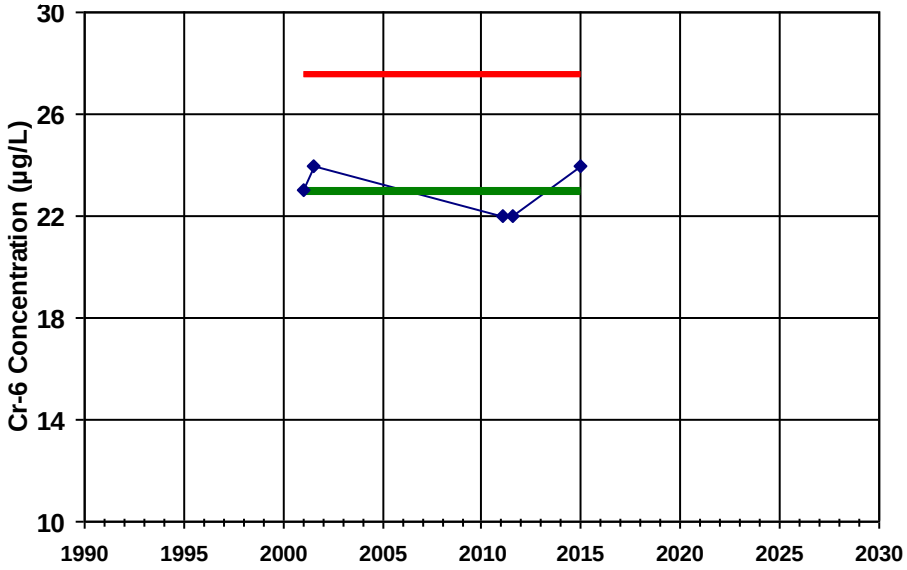
RMSID: 4810801-002
Zone: Unknown Data Source: GAMA
MO: 134 MT: 250 Well Depth: N/A



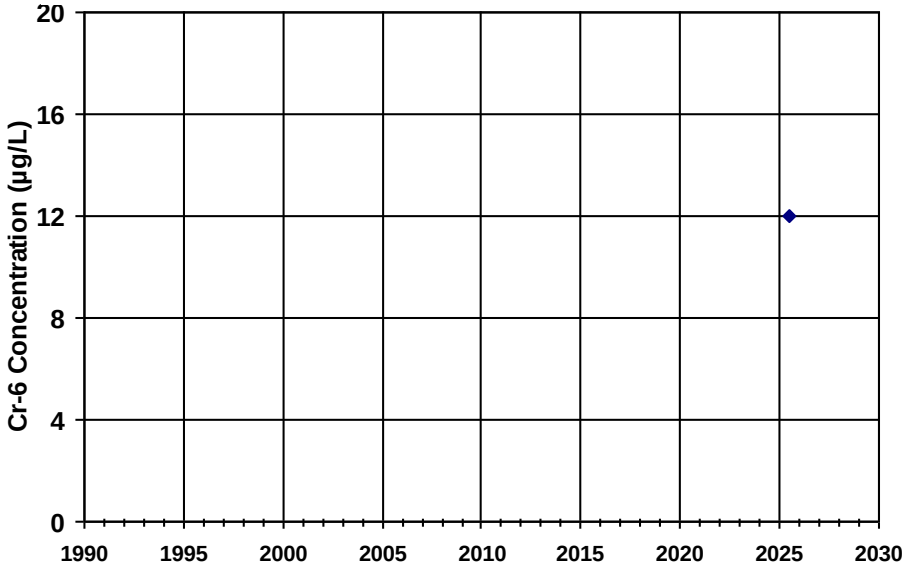
Non-detects are plotted as 0

{R_WQ_Asplots}

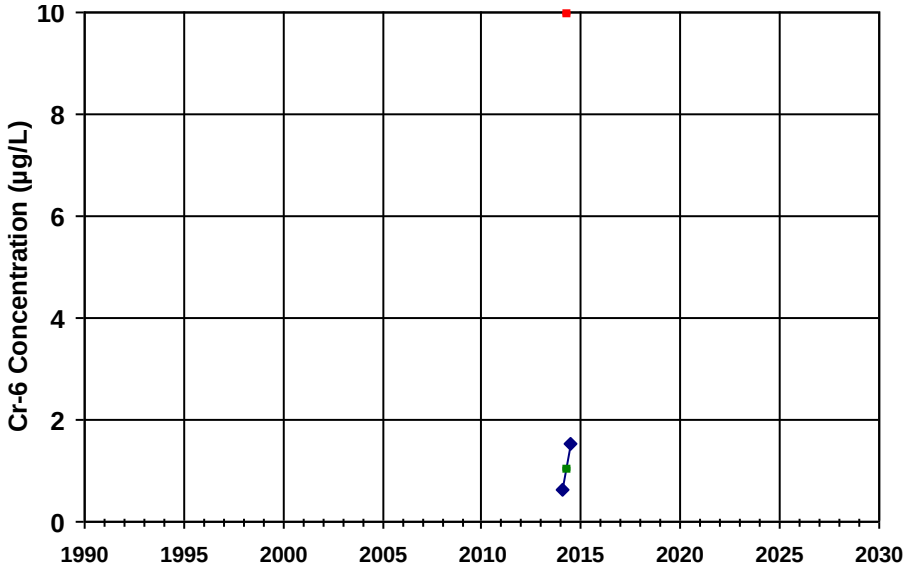
RMSID: 07N01E14J001M
Zone: Alluvial Aquifer/Upper Tehama Data Source: DDW
MO: 23 MT: 27.6 Well Depth: 600



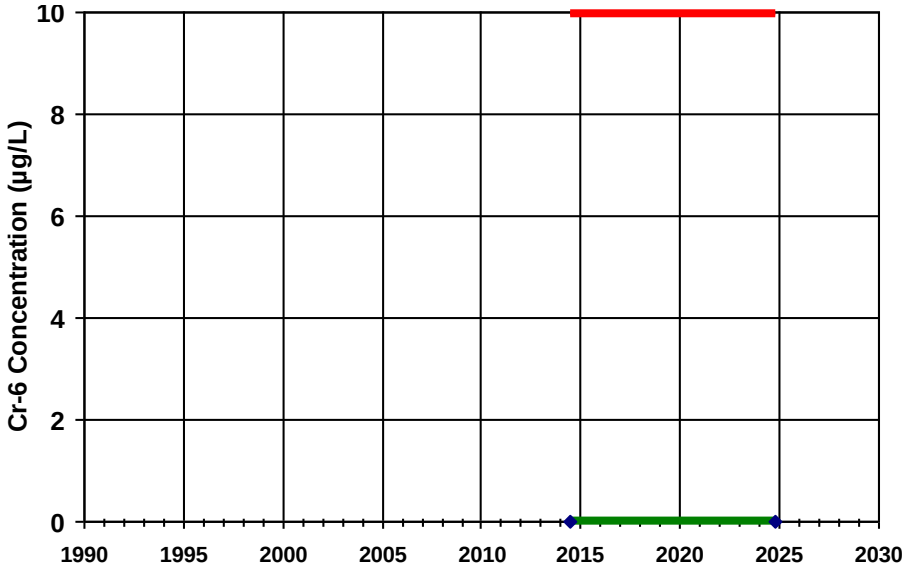
RMSID: 08N01E35K001M
Zone: Alluvial Aquifer/Upper Tehama Data Source: SID
MO: 0 MT: 10 Well Depth: 815



RMSID: 4810004-003
Zone: Alluvial Aquifer/Upper Tehama Data Source: DDW
MO: 1.1 MT: 10 Well Depth: 800



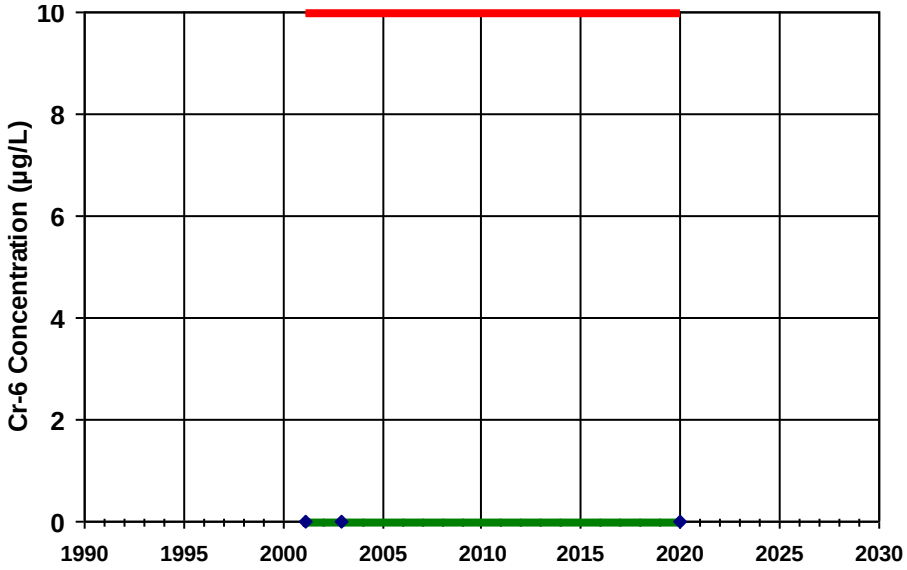
RMSID: 4810004-004
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 0 MT: 10 Well Depth: 520



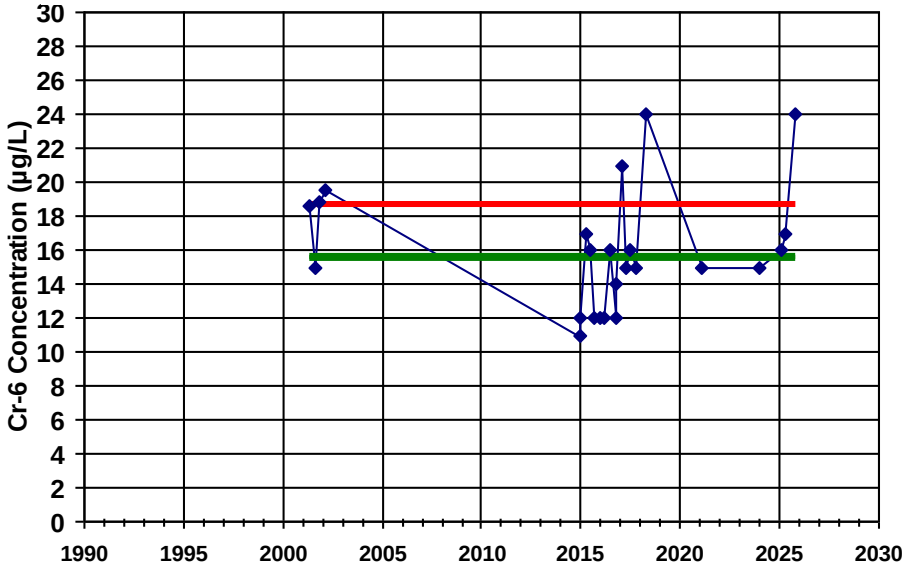
Non-detects are plotted as 0

{R_WQ_Cr6plots}

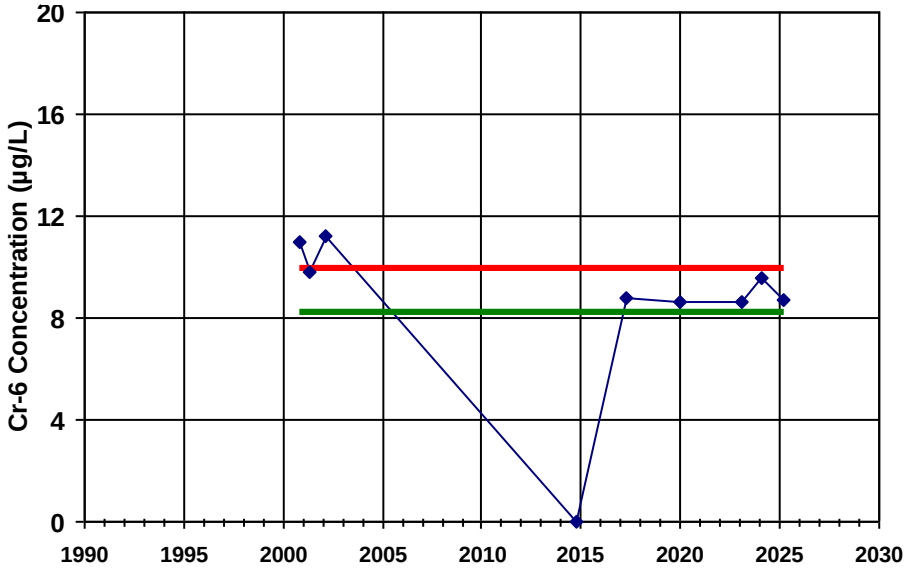
RMSID: 4810008-025
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 0 MT: 10 Well Depth: 582



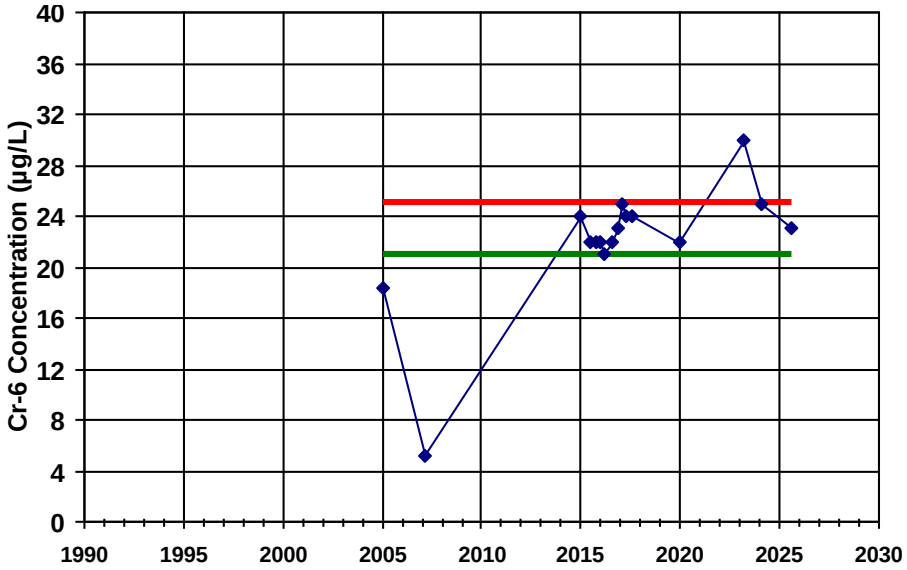
RMSID: 4810009-003
Zone: Alluvial Aquifer/Upper Tehama Data Source: GAMA
MO: 15.6 MT: 18.7 Well Depth: 1430



RMSID: 4810008-007
Zone: Basal Tehama Data Source: GAMA
MO: 8.2 MT: 10 Well Depth: 966



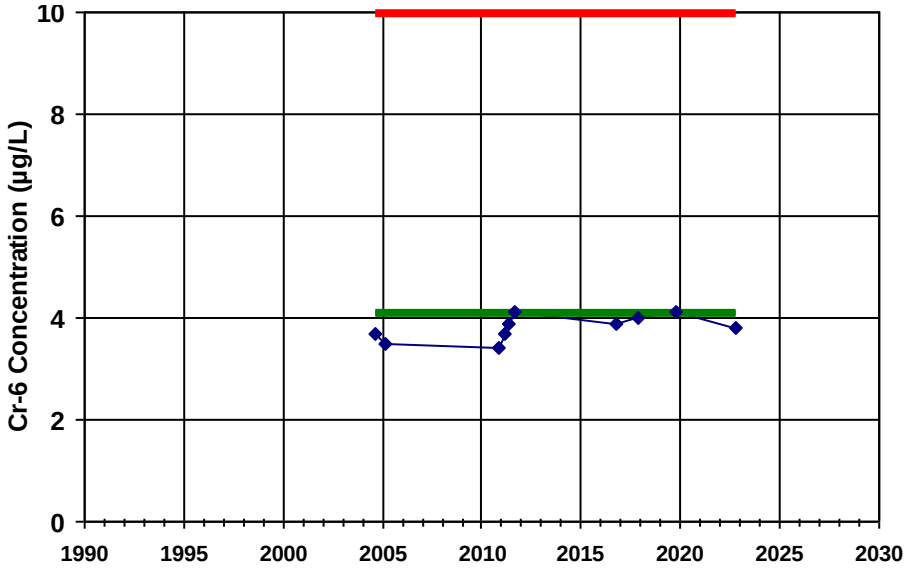
RMSID: 4810008-030
Zone: Basal Tehama Data Source: GAMA
MO: 21 MT: 25.2 Well Depth: 1635



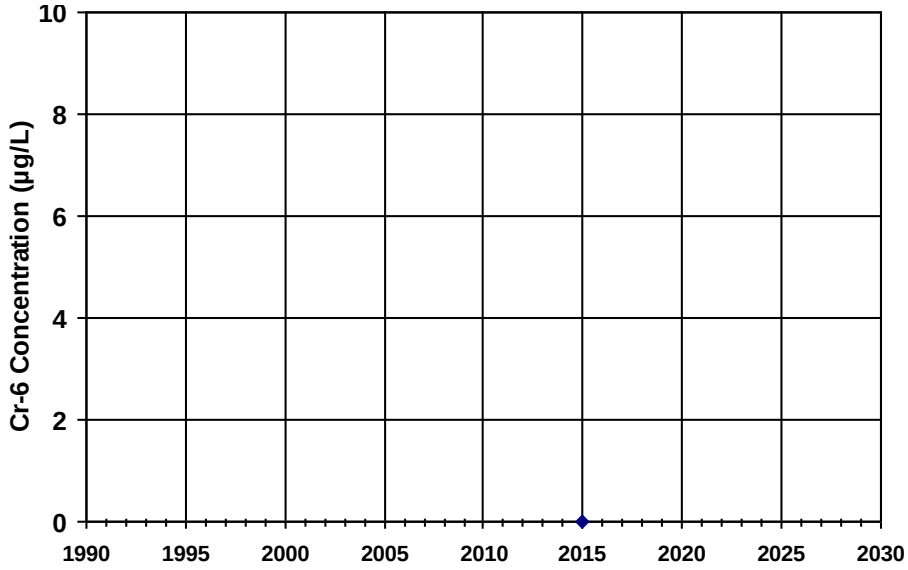
Non-detects are plotted as 0

{R_WQ_Cr6plots}

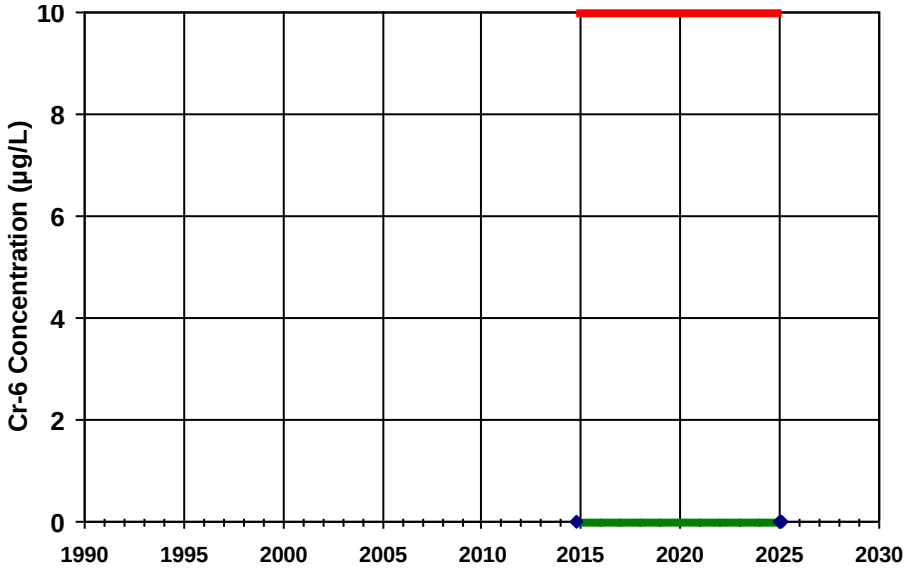
RMSID: 4810013-001
Zone: Basal Tehama Data Source: GAMA
MO: 4.1 MT: 10 Well Depth: 1371



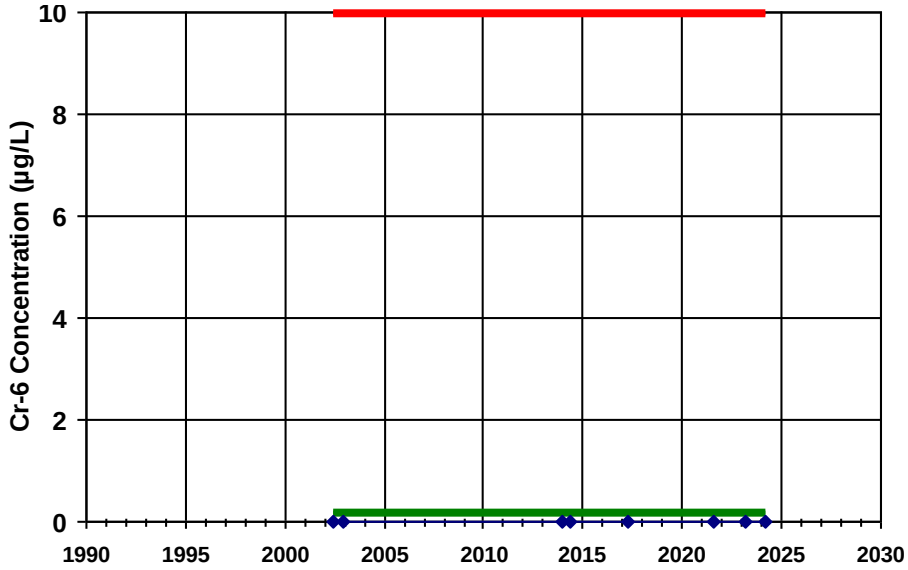
RMSID: 3400122-001
Zone: Unknown Data Source: DDW
MO: 0 MT: 10 Well Depth: N/A



RMSID: 3400192-001
Zone: Unknown Data Source: GAMA
MO: 0 MT: 10 Well Depth: N/A



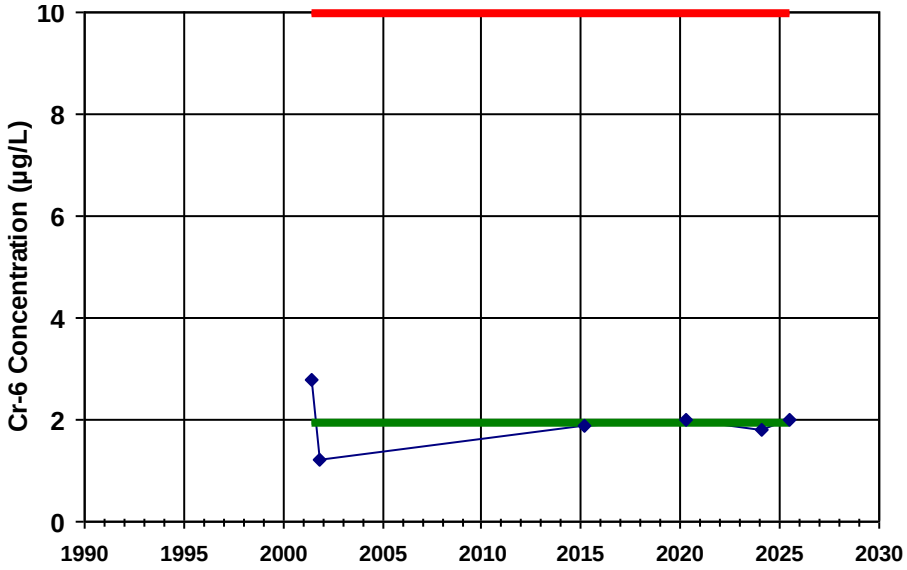
RMSID: 3410047-001
Zone: Unknown Data Source: GAMA
MO: 0.2 MT: 10 Well Depth: N/A



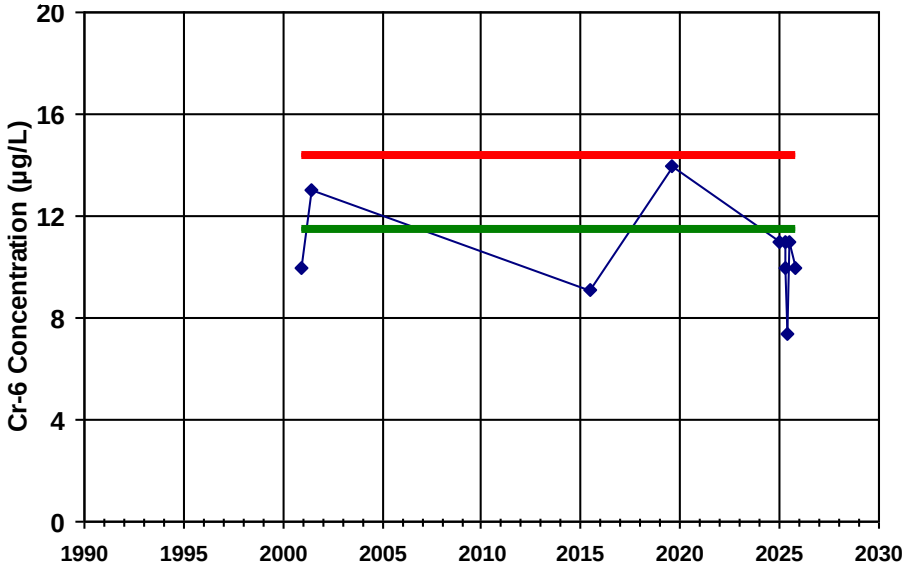
Non-detects are plotted as 0

{R_WQ_Cr6plots}

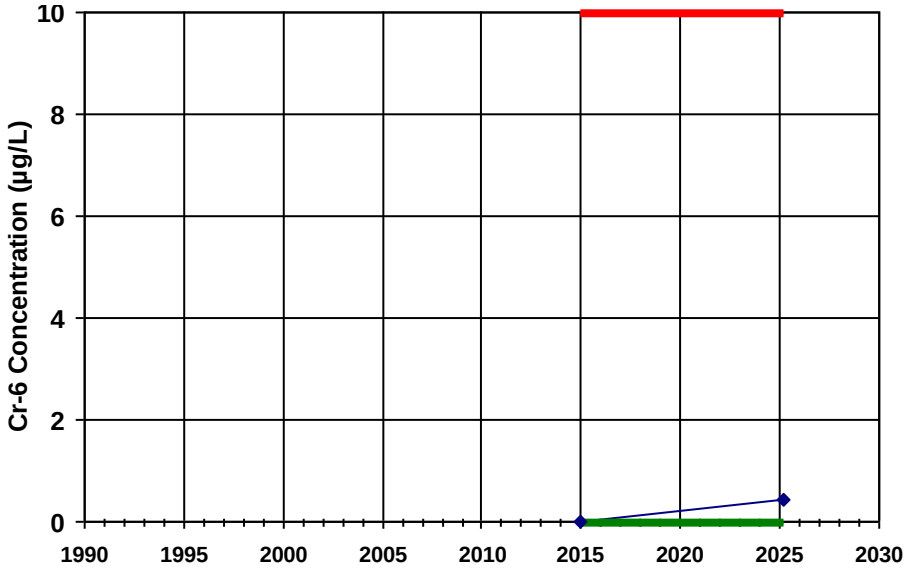
RMSID: 4810011-001
Zone: Unknown
Data Source: SID
MO: 2
MT: 10
Well Depth: N/A



RMSID: 4810020-001
Zone: Unknown
Data Source: GAMA
MO: 11.5
MT: 14.4
Well Depth: 60



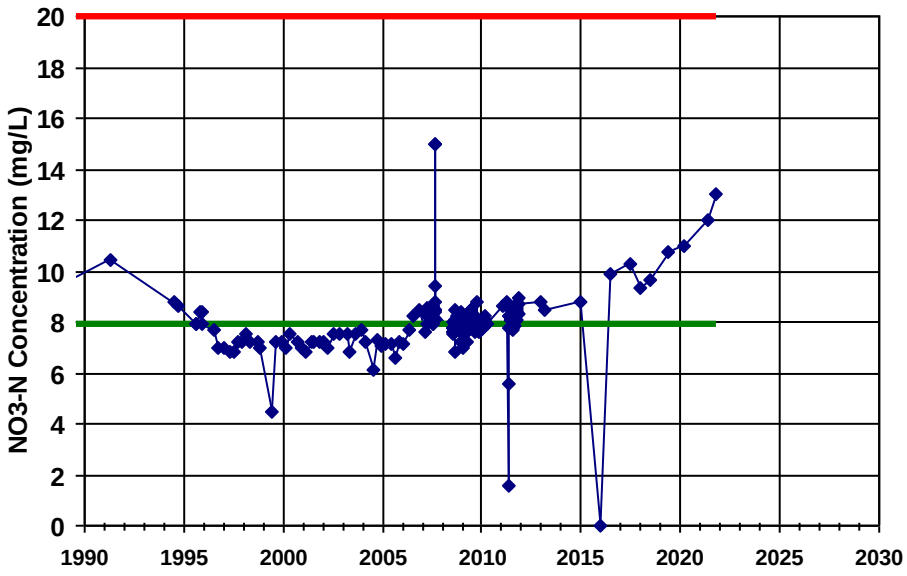
RMSID: 4810801-002
Zone: Unknown
Data Source: GAMA
MO: 0
MT: 10
Well Depth: N/A



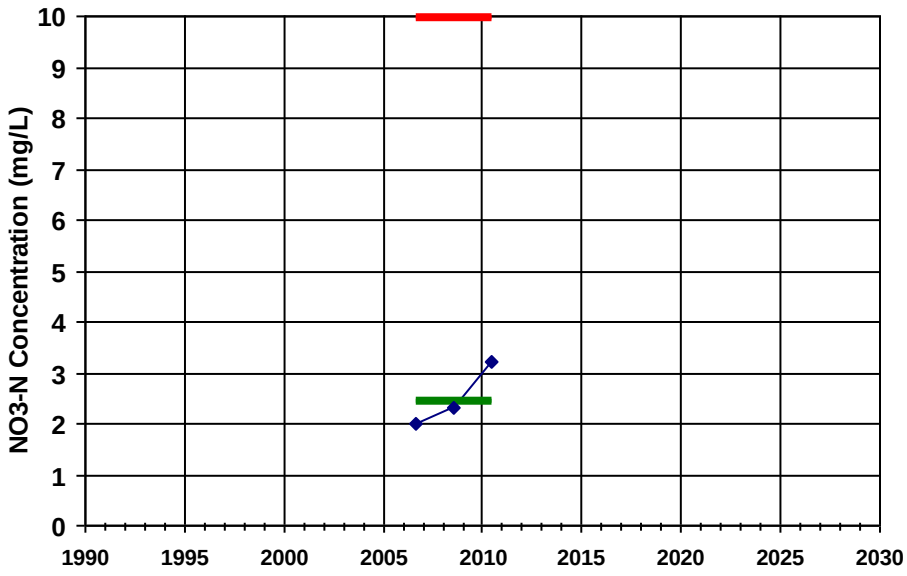
Non-detects are plotted as 0

{R_WQ_Cr6plots}

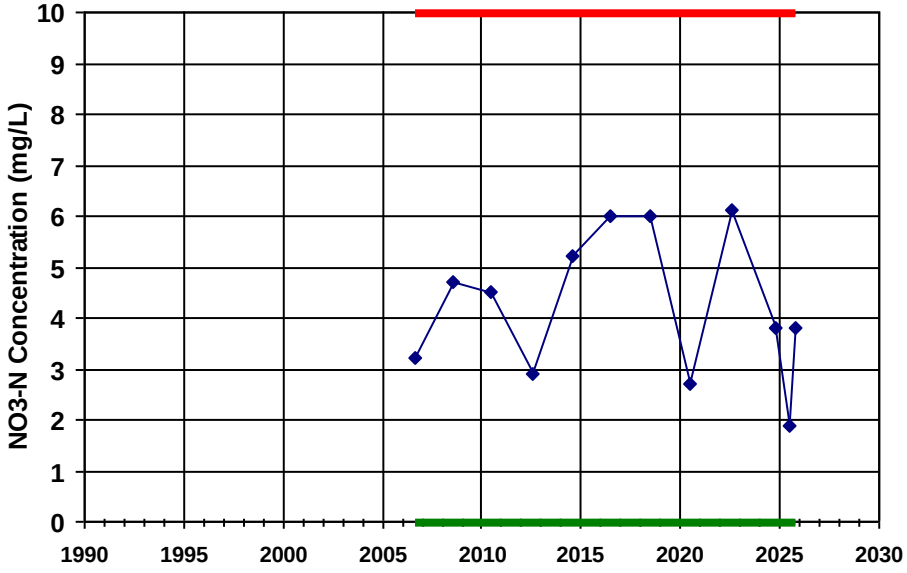
RMSID: 07N01E14J001M
Zone: Alluvial Aquifer/Upper Tehama
Data Source CalWater
MO: 7.9 MT: 20 Well Depth: 600



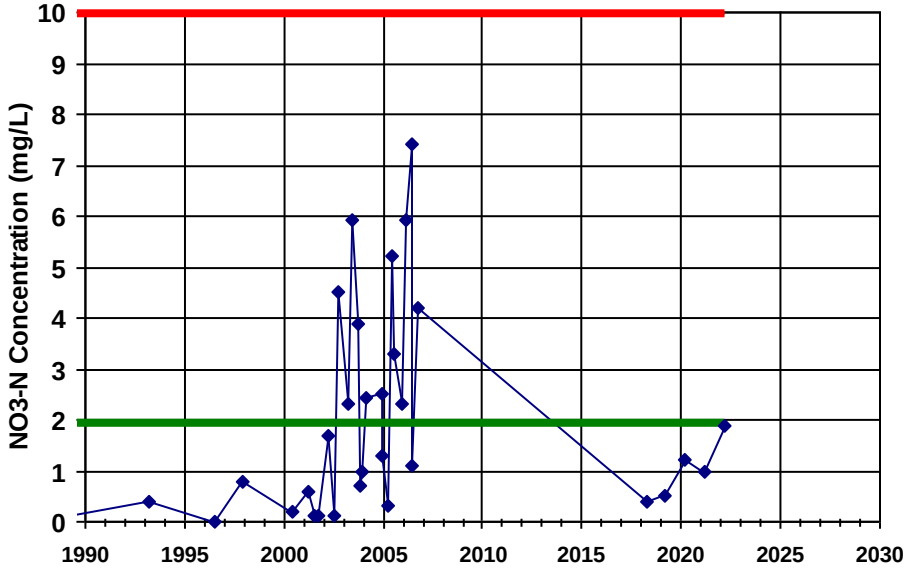
RMSID: 08N01E32N001M
Zone: Alluvial Aquifer/Upper Tehama
Data Source SID
MO: 2.5 MT: 10 Well Depth: 600



RMSID: 08N01E35K001M
Zone: Alluvial Aquifer/Upper Tehama
Data Source SID
MO: 0 MT: 10 Well Depth: 815



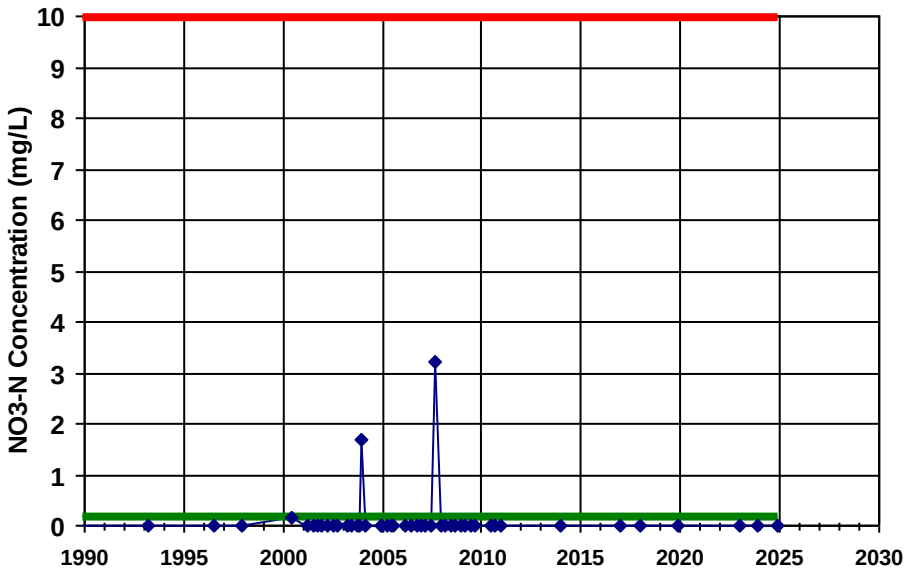
RMSID: 4810004-003
Zone: Alluvial Aquifer/Upper Tehama
Data Source GAMA
MO: 2 MT: 10 Well Depth: 800



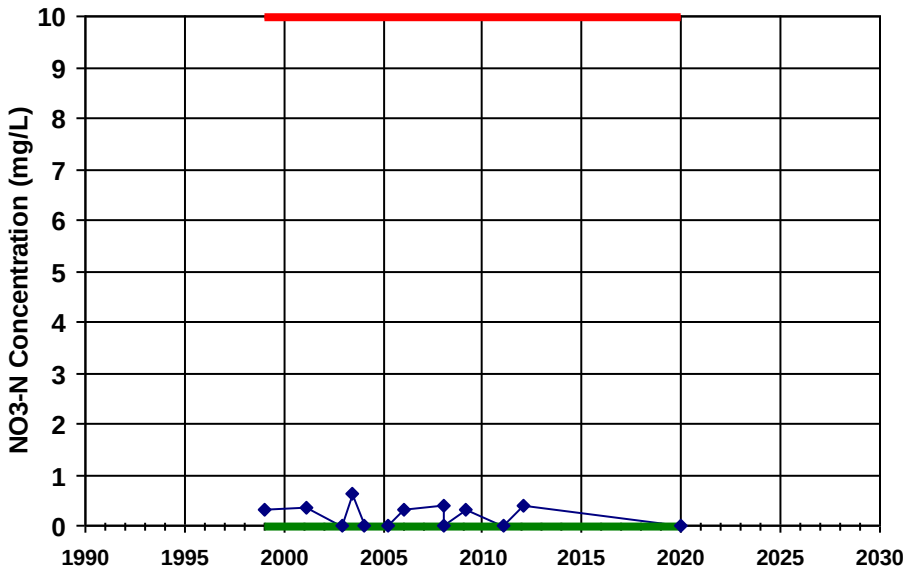
Non-detects are plotted as 0

{R_WQ_NO3plots}

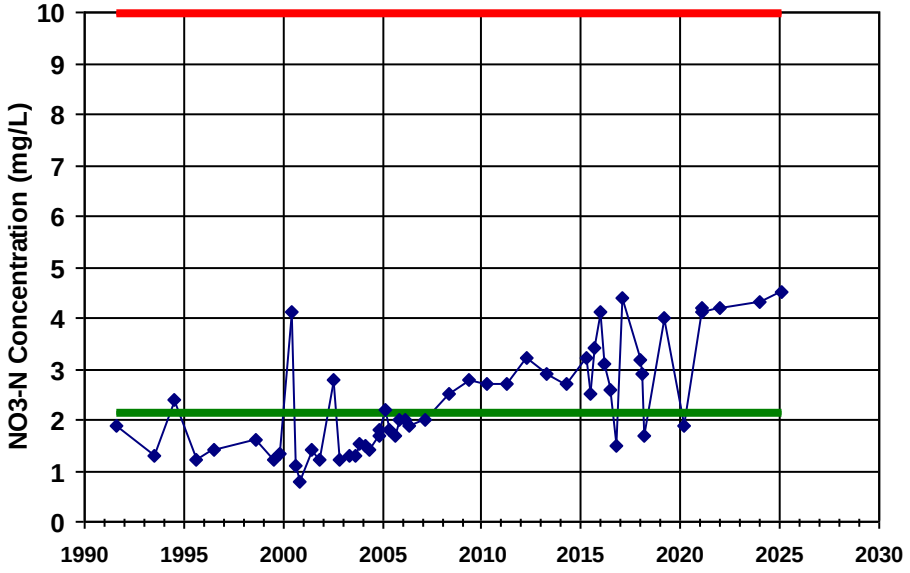
RMSID: 4810004-004
Zone: Alluvial Aquifer/Upper Tehama Data Source GAMA
MO: 0.2 MT: 10 Well Depth: 520



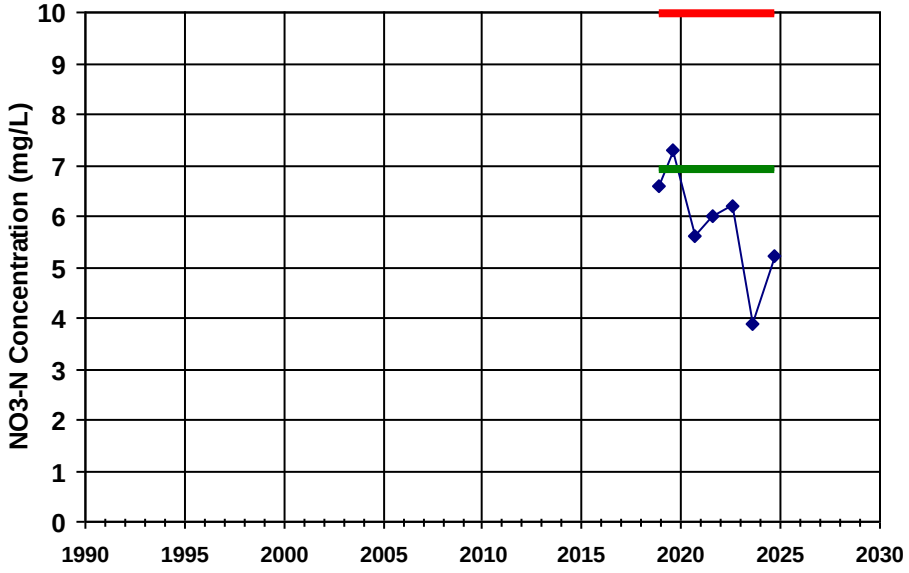
RMSID: 4810008-025
Zone: Alluvial Aquifer/Upper Tehama Data Source GAMA
MO: 0 MT: 10 Well Depth: 582



RMSID: 4810009-003
Zone: Alluvial Aquifer/Upper Tehama Data Source GAMA
MO: 2.2 MT: 10 Well Depth: 1430



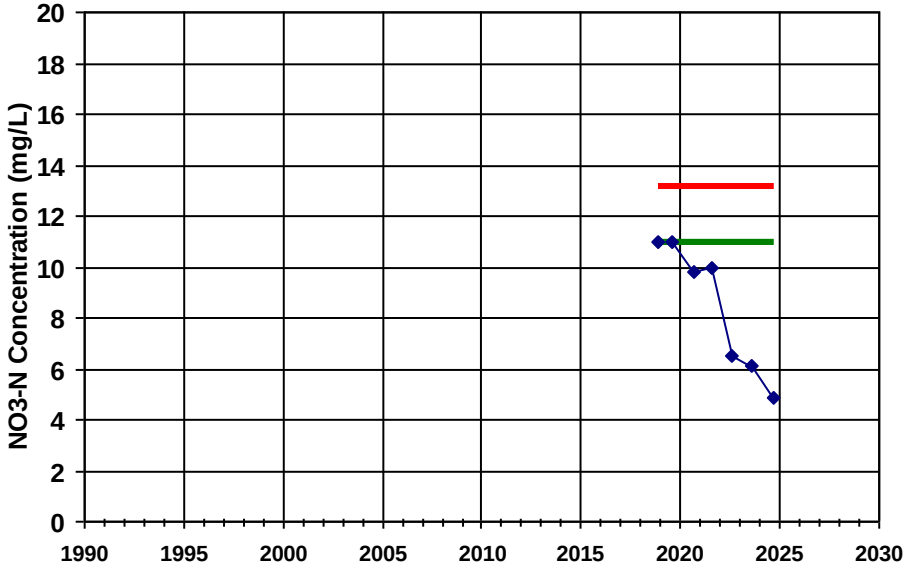
RMSID: 61493
Zone: Alluvial Aquifer/Upper Tehama Data Source GAMA
MO: 7 MT: 10 Well Depth: 120



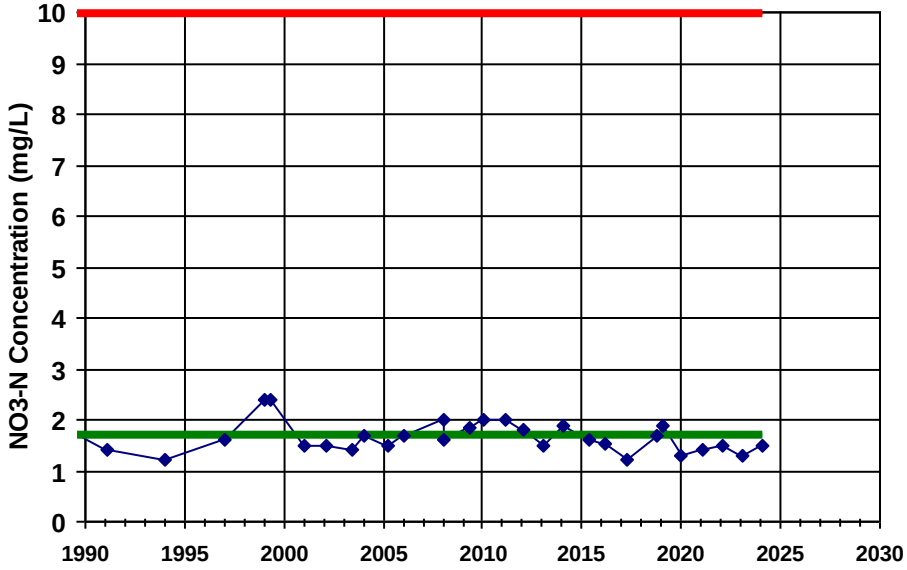
Non-detects are plotted as 0

{R_WQ_NO3plots}

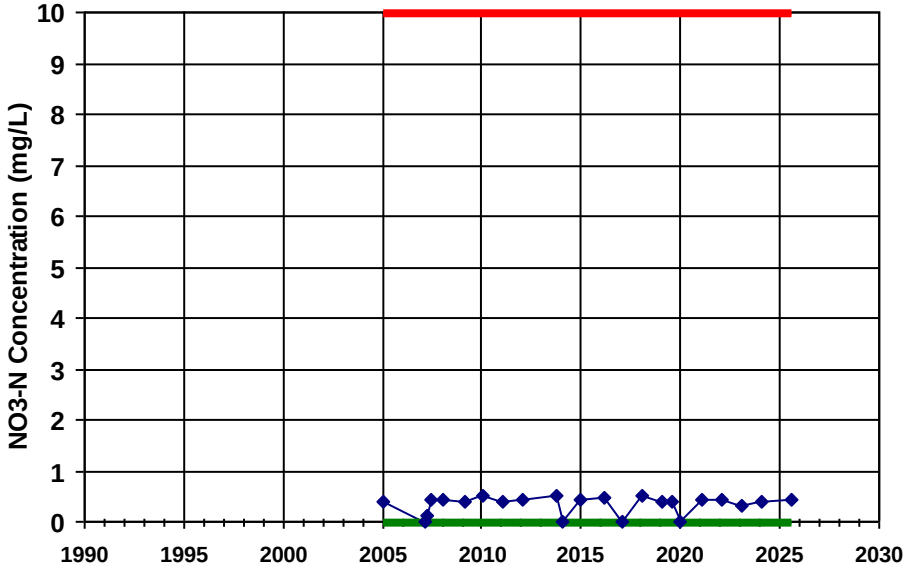
RMSID: 61494
Zone: Alluvial Aquifer/Upper Tehama Data Source GAMA
MO: 11 MT: 13.2 Well Depth: 165



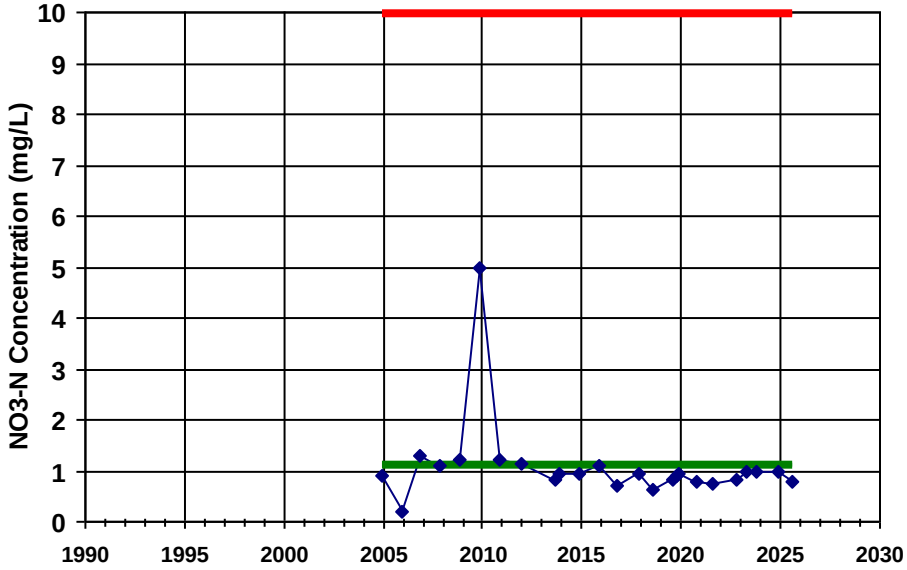
RMSID: 4810008-007
Zone: Basal Tehama Data Source GAMA
MO: 1.7 MT: 10 Well Depth: 966



RMSID: 4810008-030
Zone: Basal Tehama Data Source GAMA
MO: 0 MT: 10 Well Depth: 1635



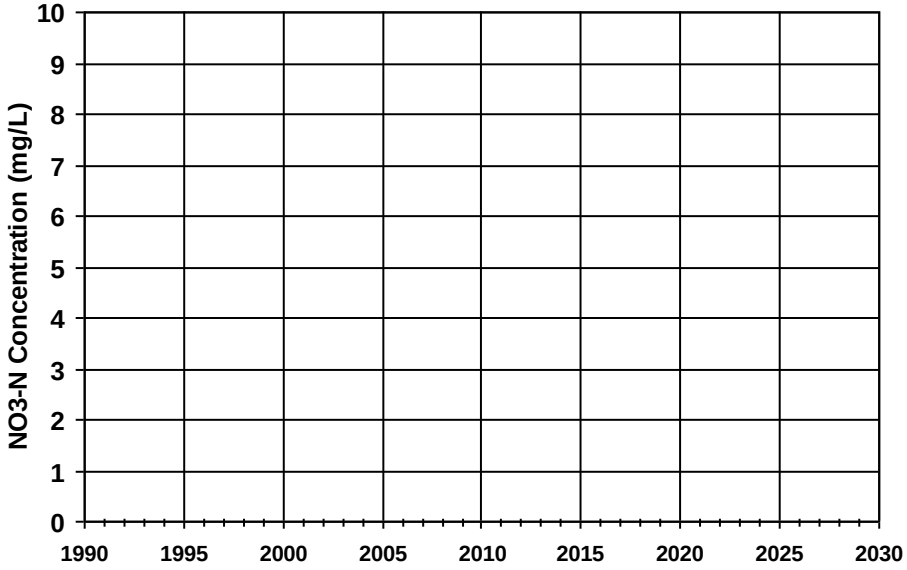
RMSID: 4810013-001
Zone: Basal Tehama Data Source GAMA
MO: 1.1 MT: 10 Well Depth: 1371



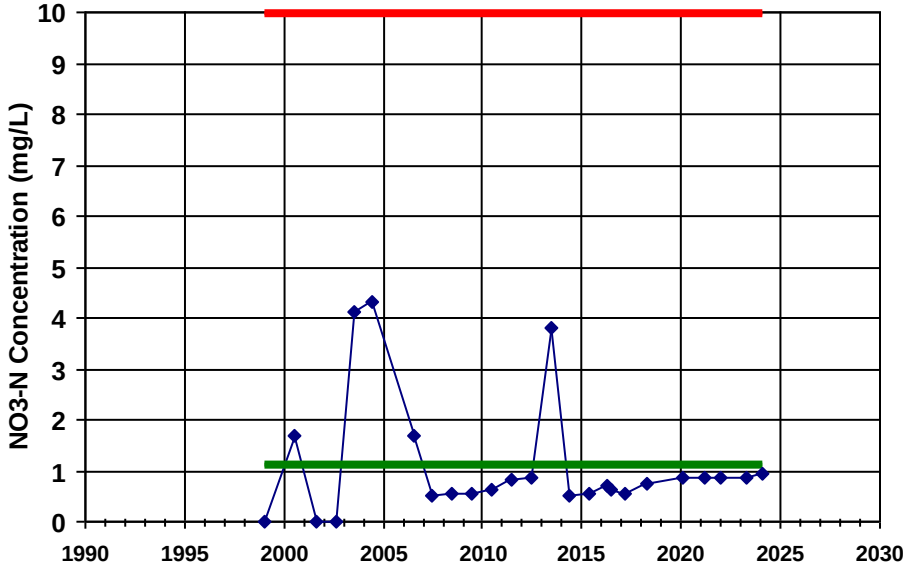
Non-detects are plotted as 0

{R_WQ_NO3plots}

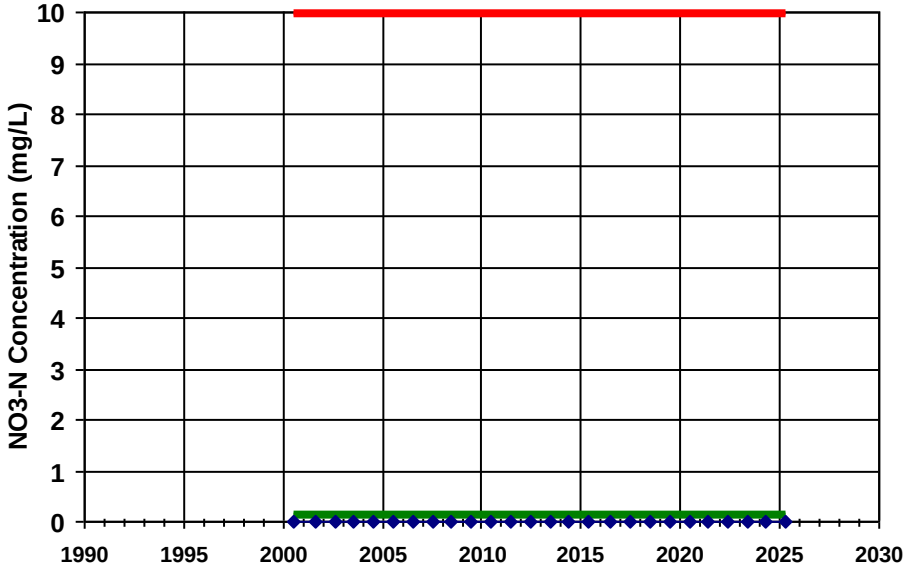
RMSID: 07N01E08N002M
Zone: Unknown Data Source DWR
MO: 2.7 MT: 10 Well Depth: 141



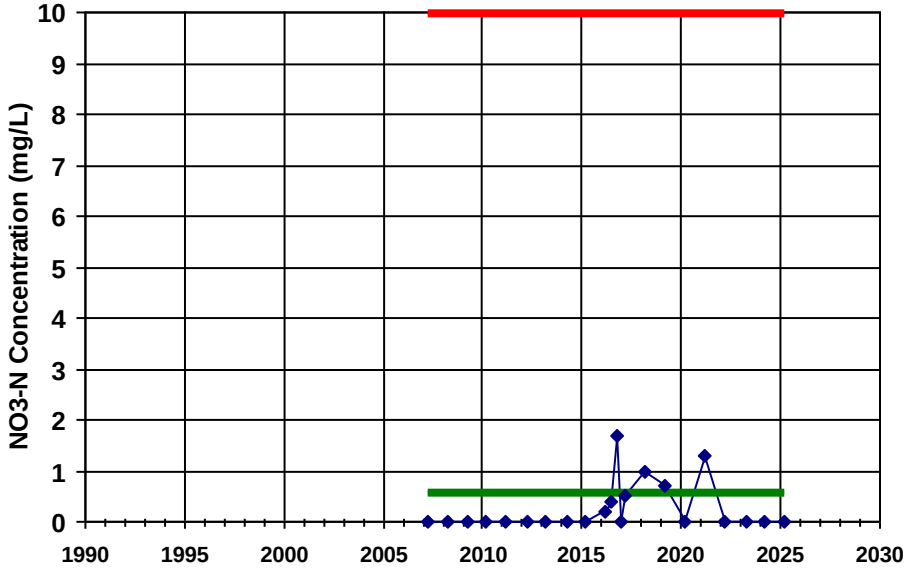
RMSID: 3400122-001
Zone: Unknown Data Source GAMA
MO: 1.1 MT: 10 Well Depth: N/A



RMSID: 3400192-001
Zone: Unknown Data Source GAMA
MO: 0.1 MT: 10 Well Depth: N/A



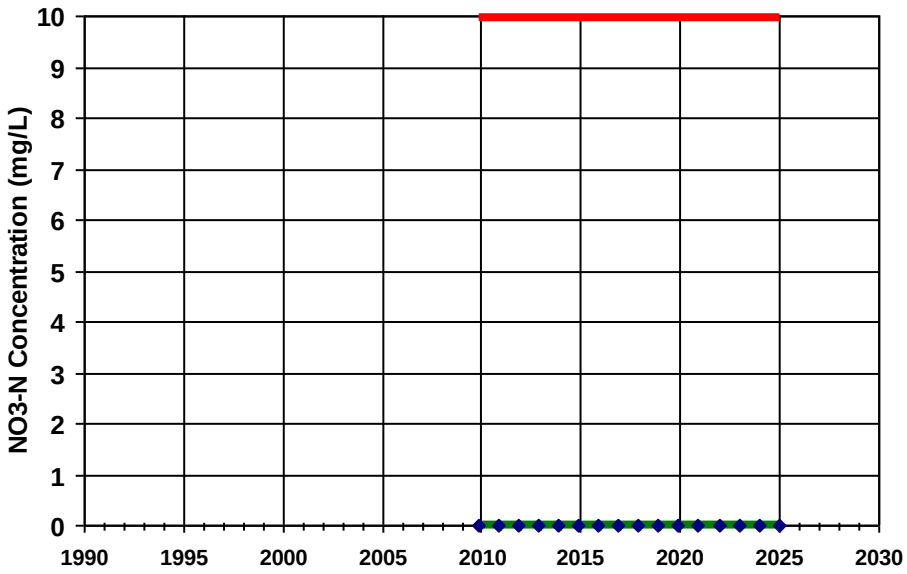
RMSID: 3400420-001
Zone: Unknown Data Source GAMA
MO: 0.6 MT: 10 Well Depth: N/A



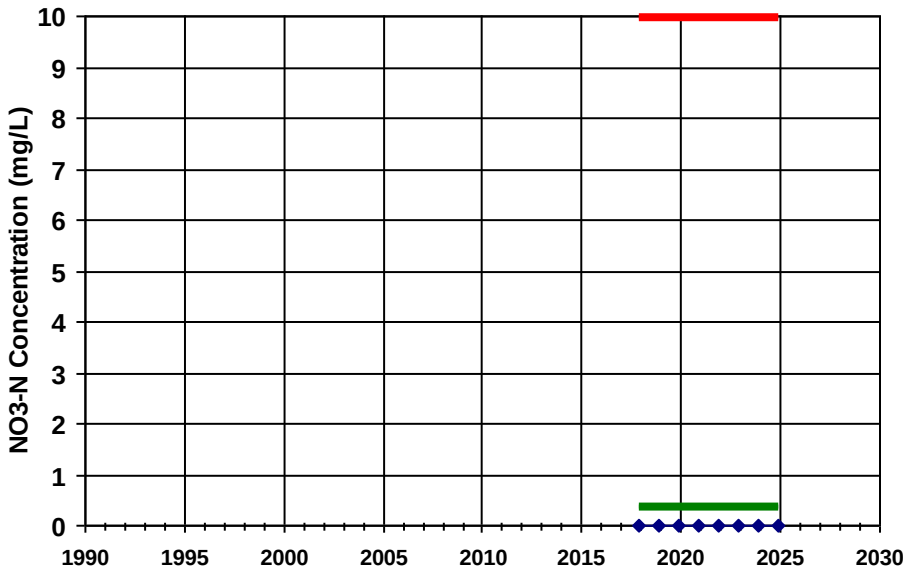
Non-detects are plotted as 0

{R_WQ_NO3plots}

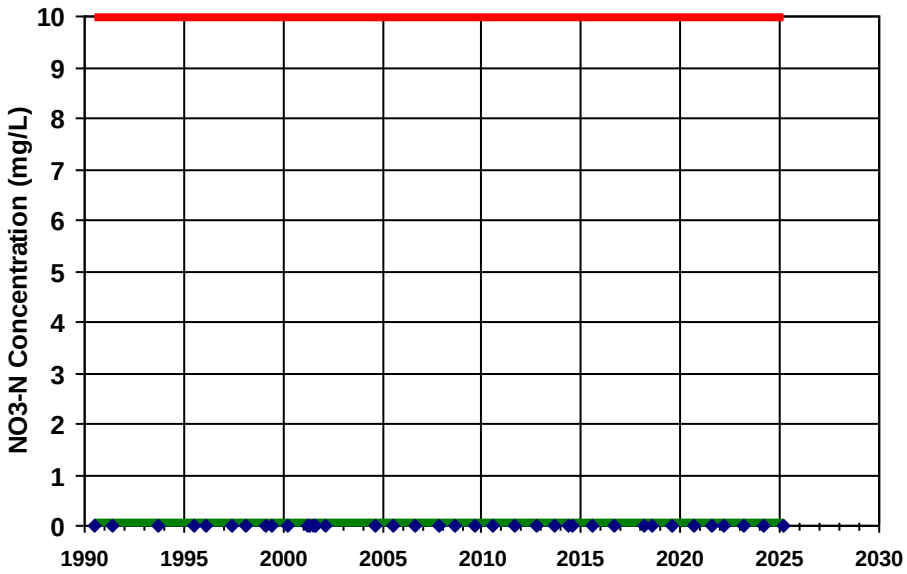
RMSID: 3400444-001
Zone: Unknown Data Source GAMA
MO: 0 MT: 10 Well Depth: N/A



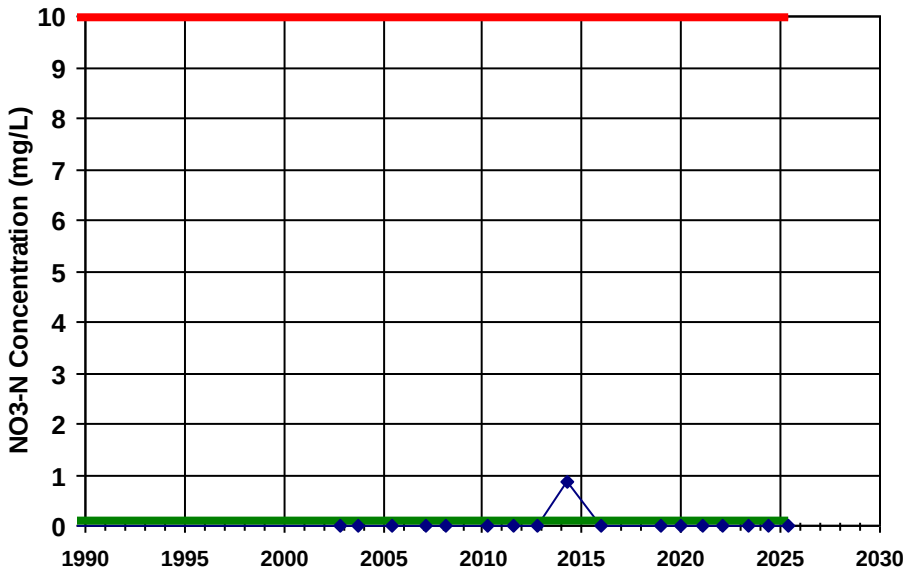
RMSID: 3400455-001
Zone: Unknown Data Source GAMA
MO: 0.4 MT: 10 Well Depth: N/A



RMSID: 3410047-001
Zone: Unknown Data Source GAMA
MO: 0.1 MT: 10 Well Depth: N/A



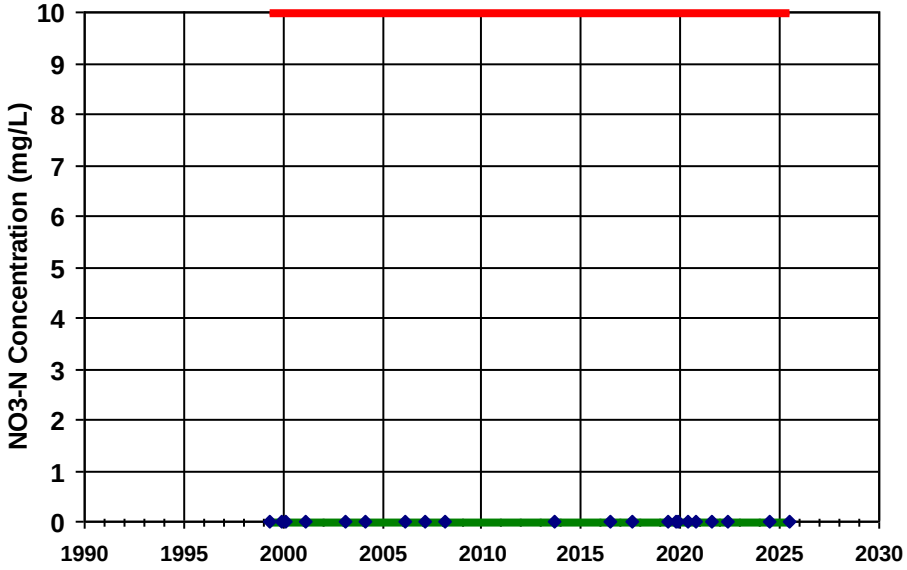
RMSID: 3410302-002
Zone: Unknown Data Source GAMA
MO: 0.1 MT: 10 Well Depth: N/A



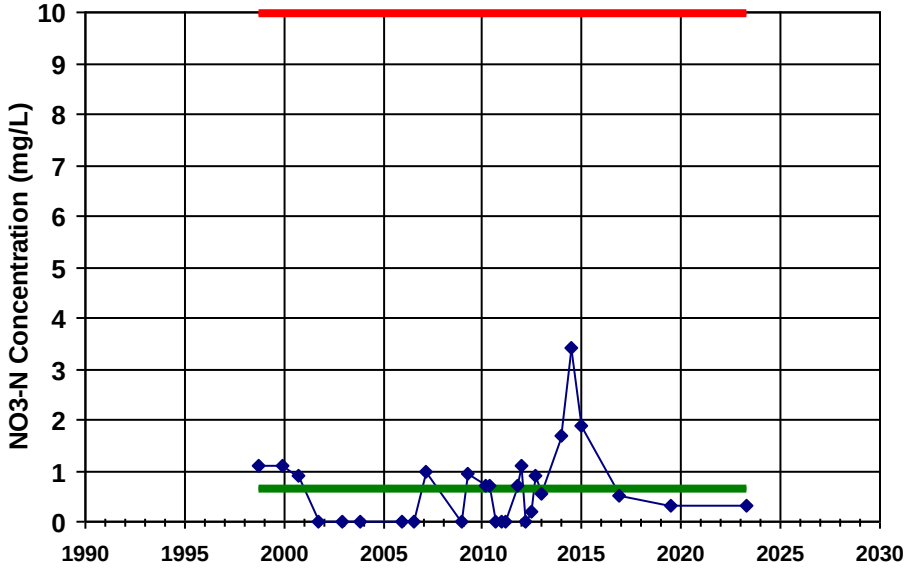
Non-detects are plotted as 0

{R_WQ_NO3plots}

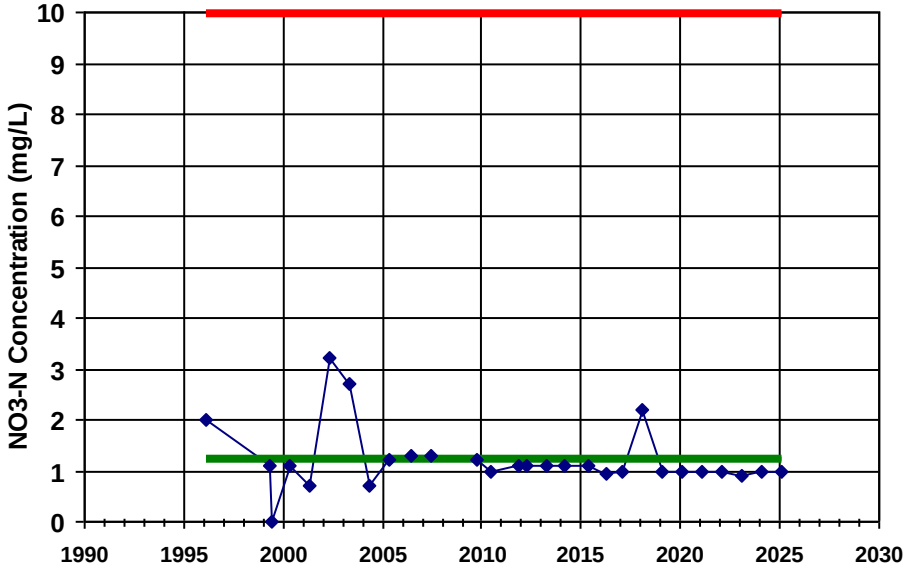
RMSID: 4800612-001
Zone: Unknown Data Source GAMA
MO: 0 MT: 10 Well Depth: N/A



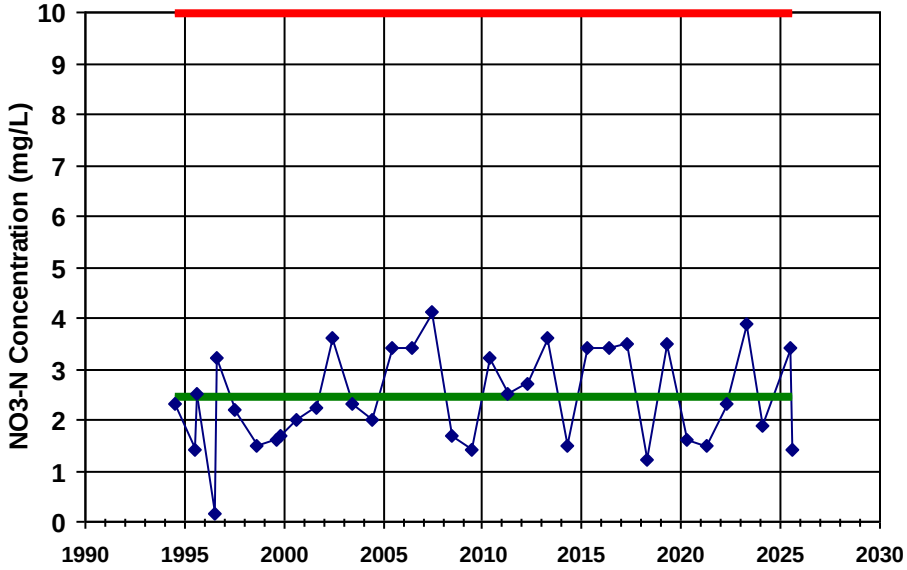
RMSID: 4800709-001
Zone: Unknown Data Source GAMA
MO: 0.7 MT: 10 Well Depth: N/A



RMSID: 4800786-001
Zone: Unknown Data Source GAMA
MO: 1.2 MT: 10 Well Depth: N/A



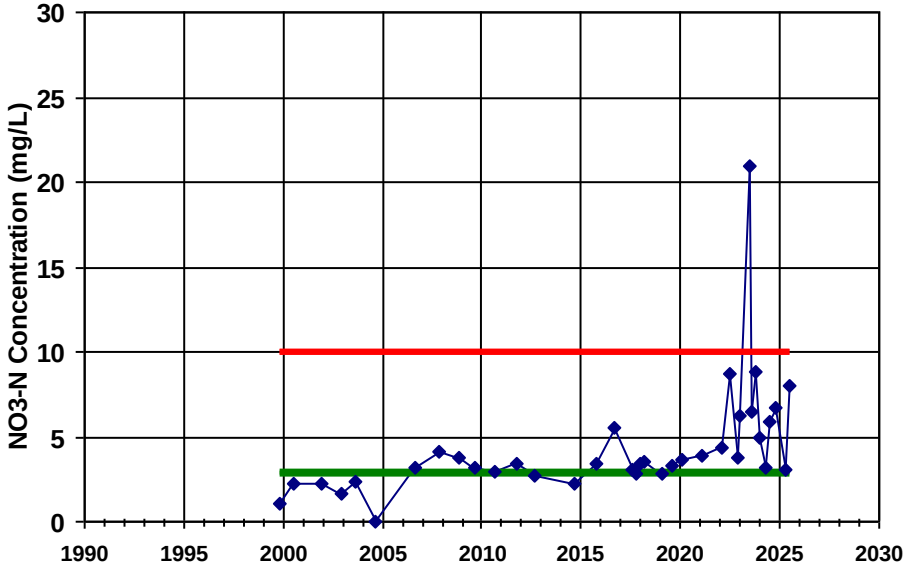
RMSID: 4810011-001
Zone: Unknown Data Source GAMA
MO: 2.5 MT: 10 Well Depth: N/A



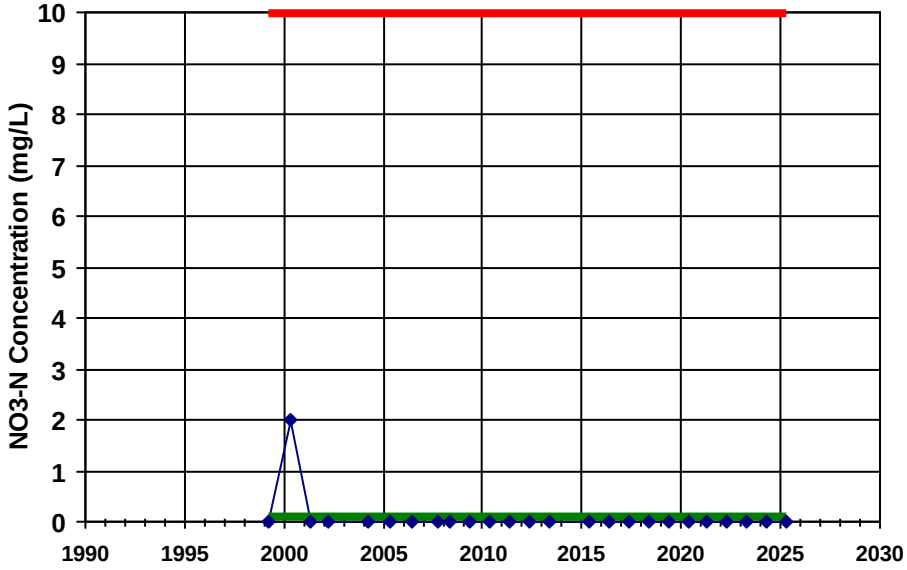
Non-detects are plotted as 0

{R_WQ_NO3plots}

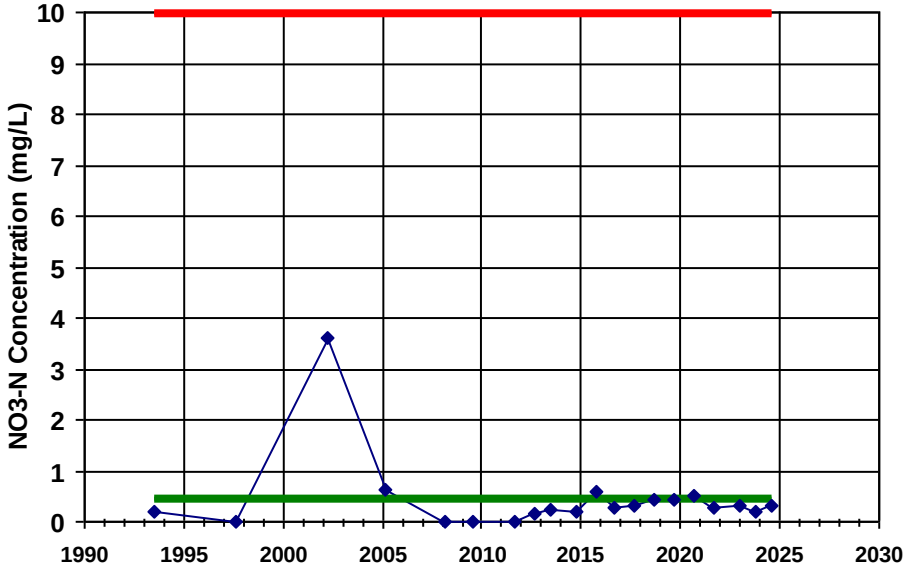
RMSID: 4810020-001
Zone: Unknown Data Source GAMA
MO: 2.9 MT: 10 Well Depth: 60



RMSID: 4810023-001
Zone: Unknown Data Source GAMA
MO: 0.1 MT: 10 Well Depth: N/A



RMSID: 4810801-002
Zone: Unknown Data Source GAMA
MO: 0.5 MT: 10 Well Depth: N/A



Non-detects are plotted as 0

{R_WQ_NO3plots}

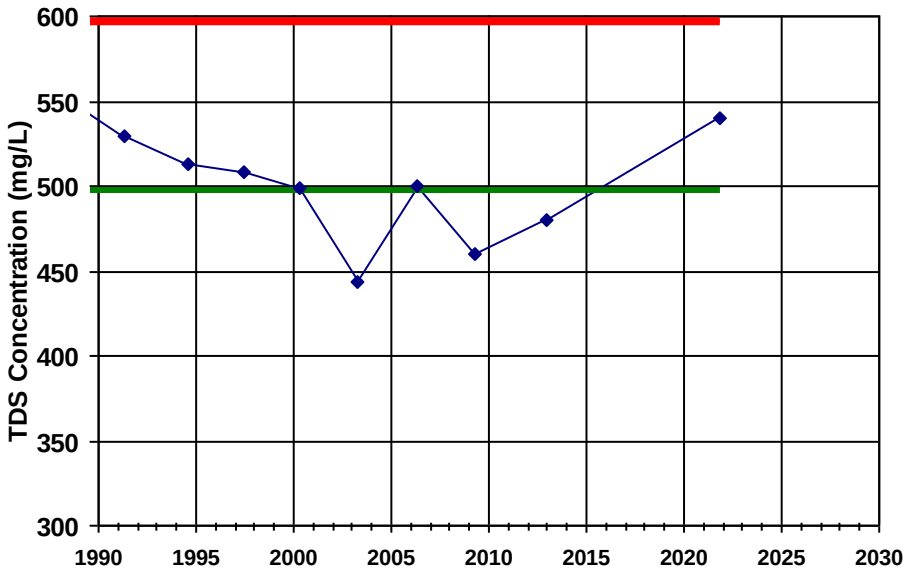
RMSID: 07N01E14J001M

Zone: Alluvial Aquifer/Upper Tehama

MO: 498.2 MT: 597.9

Data Source: CalWater

Well Depth: 600



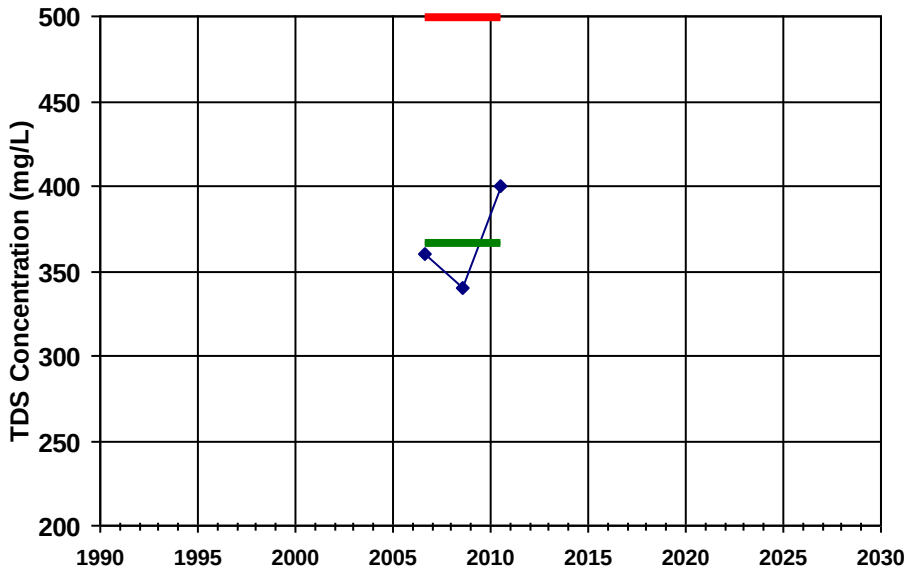
RMSID: 08N01E32N001M

Zone: Alluvial Aquifer/Upper Tehama

MO: 366.7 MT: 500

Data Source: SID

Well Depth: 600



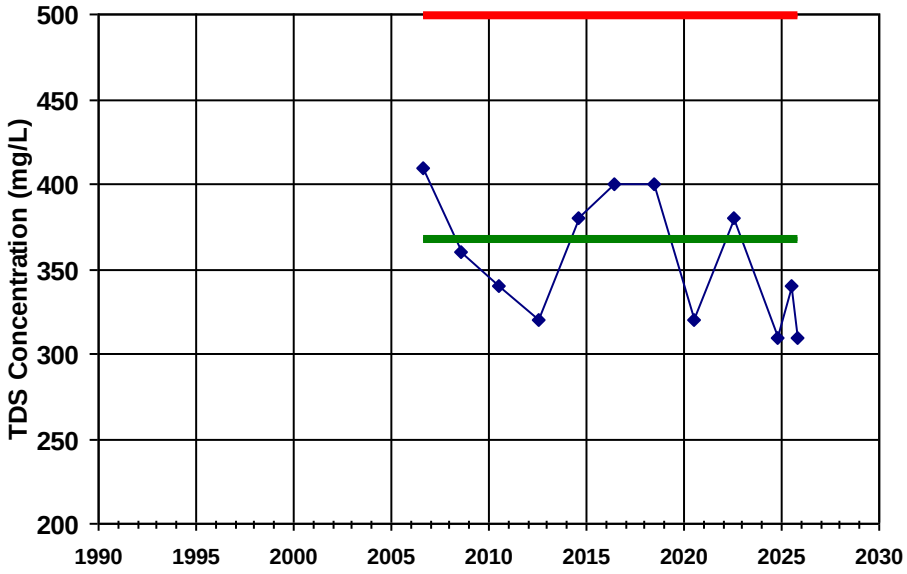
RMSID: 08N01E35K001M

Zone: Alluvial Aquifer/Upper Tehama

MO: 368.3 MT: 500

Data Source: SID

Well Depth: 815



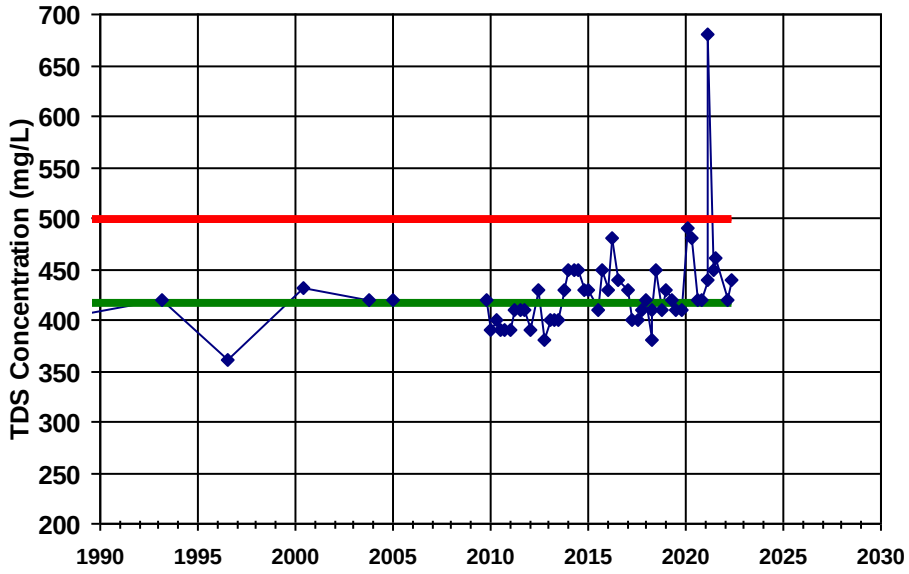
RMSID: 4810004-003

Zone: Alluvial Aquifer/Upper Tehama

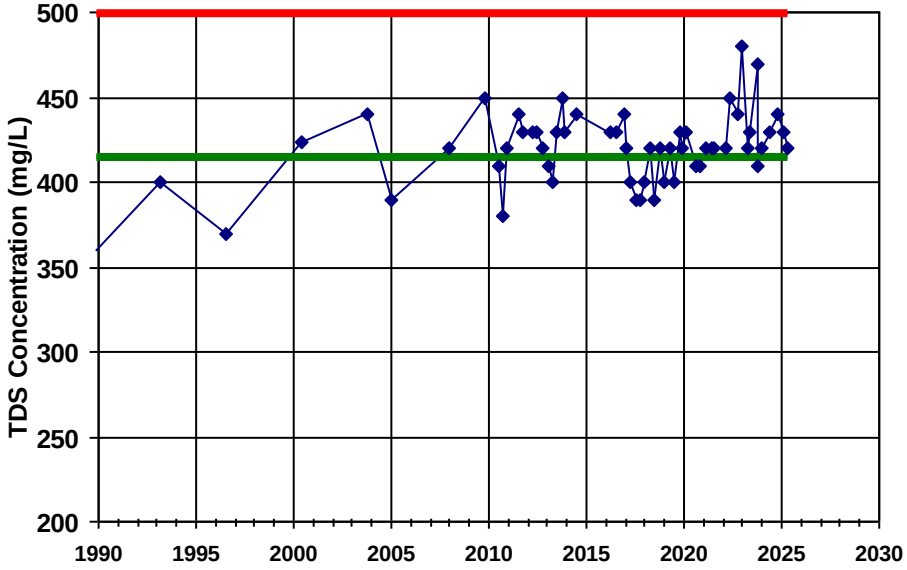
MO: 417 MT: 500

Data Source: GAMA

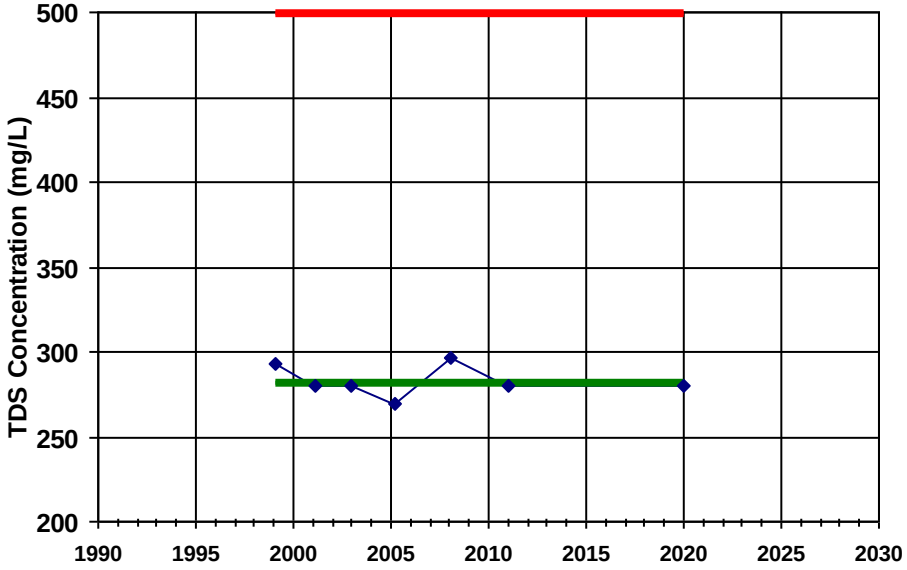
Well Depth: 800



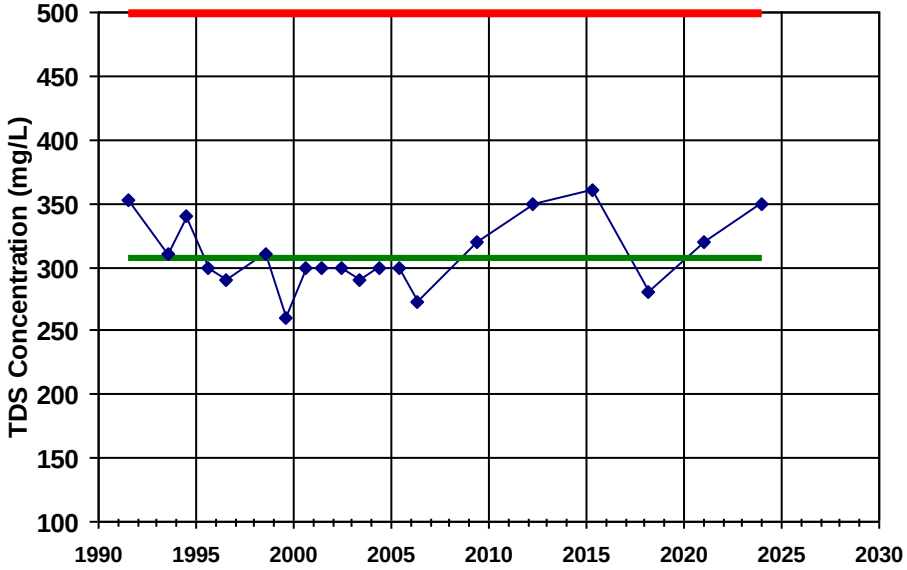
RMSID: 4810004-004
Zone: Alluvial Aquifer/Upper Tehama
MO: 415.5 MT: 500
Data Source: GAMA
Well Depth: 520



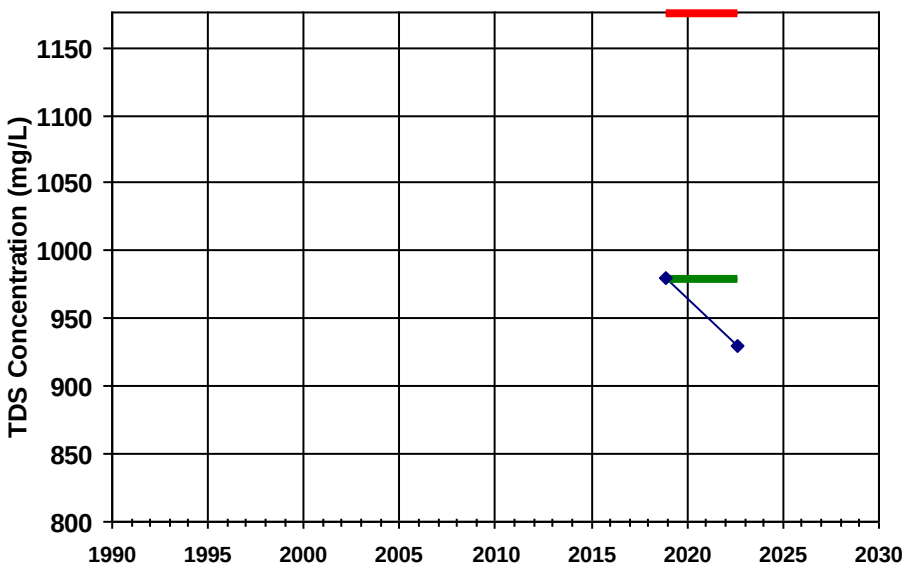
RMSID: 4810008-025
Zone: Alluvial Aquifer/Upper Tehama
MO: 282.7 MT: 500
Data Source: GAMA
Well Depth: 582



RMSID: 4810009-003
Zone: Alluvial Aquifer/Upper Tehama
MO: 307.5 MT: 500
Data Source: GAMA
Well Depth: 1430

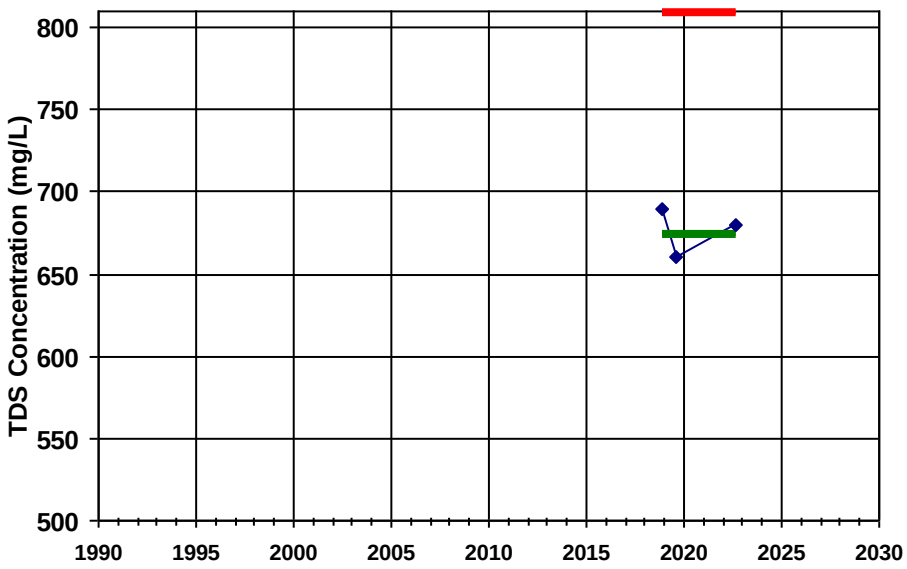


RMSID: 61493
Zone: Alluvial Aquifer/Upper Tehama
MO: 980 MT: 1176
Data Source: GAMA
Well Depth: 120

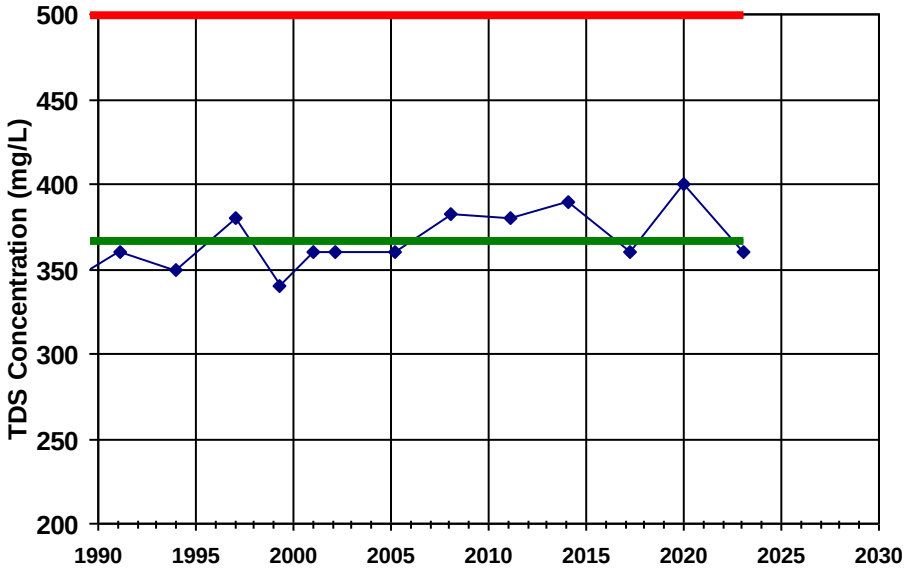


{R_WQ_TDSplots}

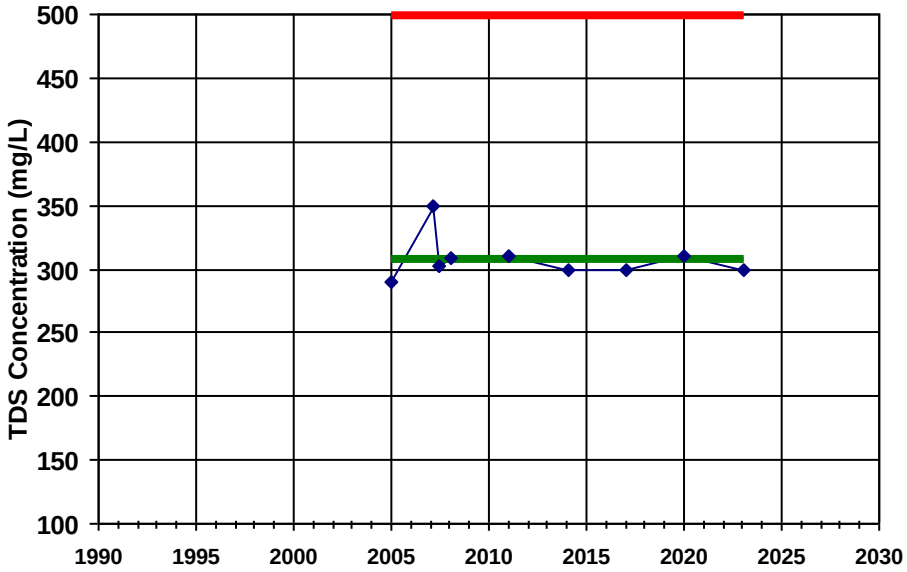
RMSID: 61494
Zone: Alluvial Aquifer/Upper Tehama
MO: 675 MT: 810
Data Source: GAMA
Well Depth: 165



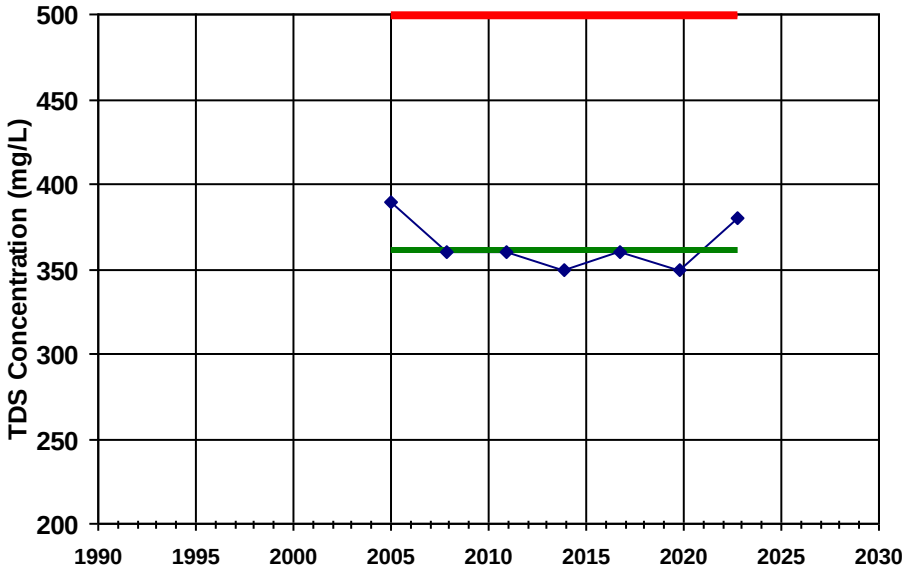
RMSID: 4810008-007
Zone: Basal Tehama
MO: 367.2 MT: 500
Data Source: GAMA
Well Depth: 966



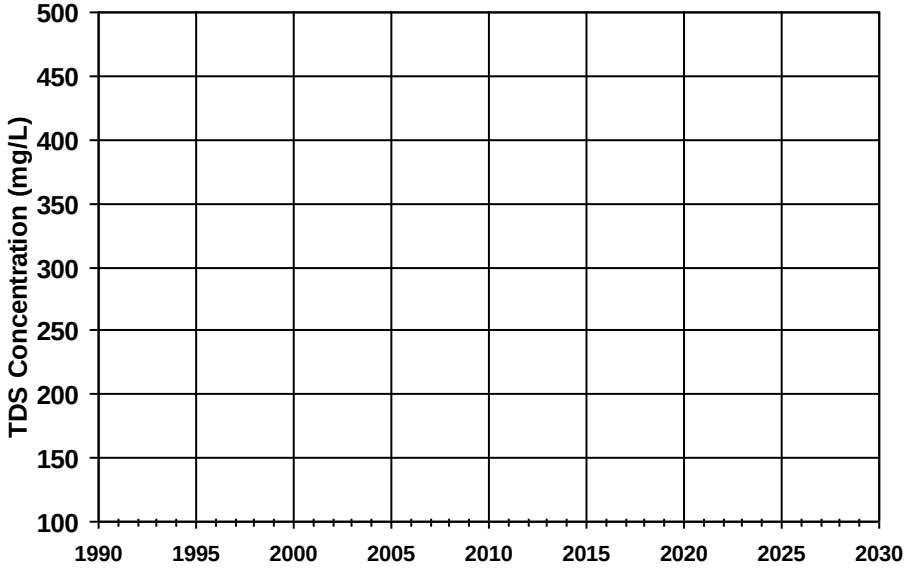
RMSID: 4810008-030
Zone: Basal Tehama
MO: 308.8 MT: 500
Data Source: GAMA
Well Depth: 1635



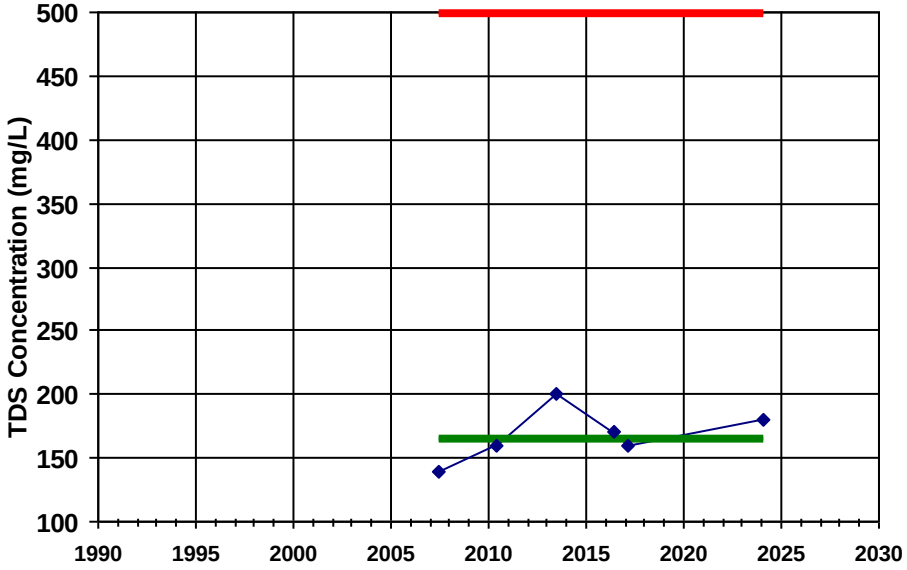
RMSID: 4810013-001
Zone: Basal Tehama
MO: 361.7 MT: 500
Data Source: GAMA
Well Depth: 1371



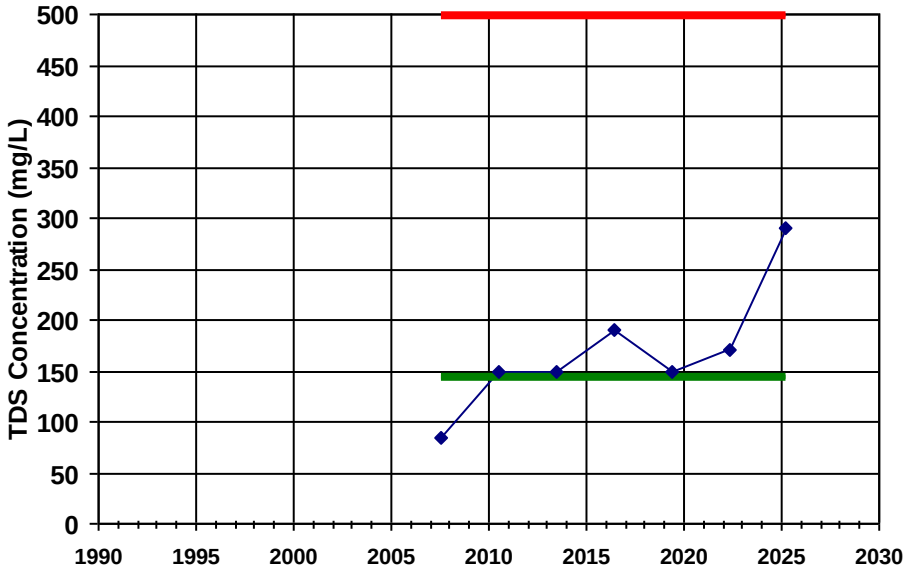
RMSID: 07N01E08N002M
Zone: Unknown
MO: 247.5 MT: 500
Data Source: DWR
Well Depth: 141



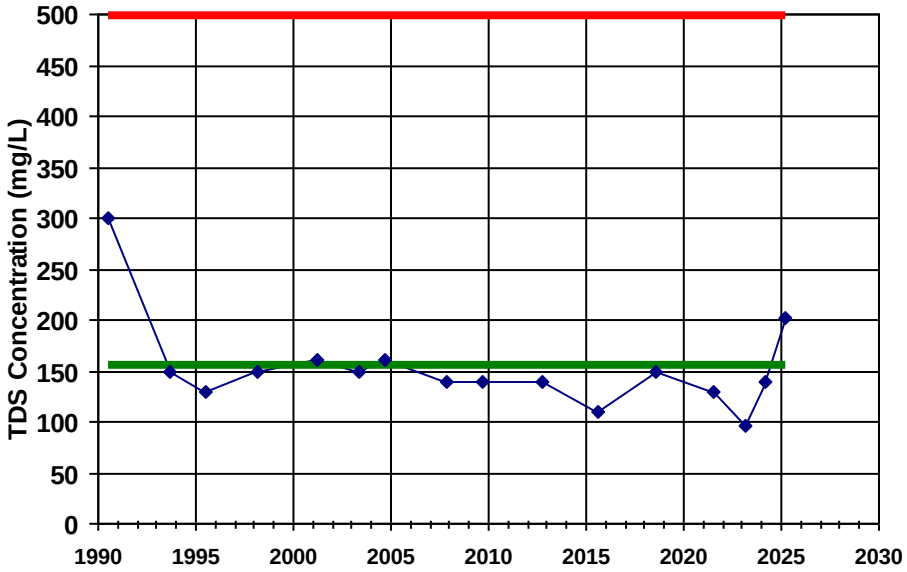
RMSID: 3400122-001
Zone: Unknown
MO: 166 MT: 500
Data Source: GAMA
Well Depth: N/A



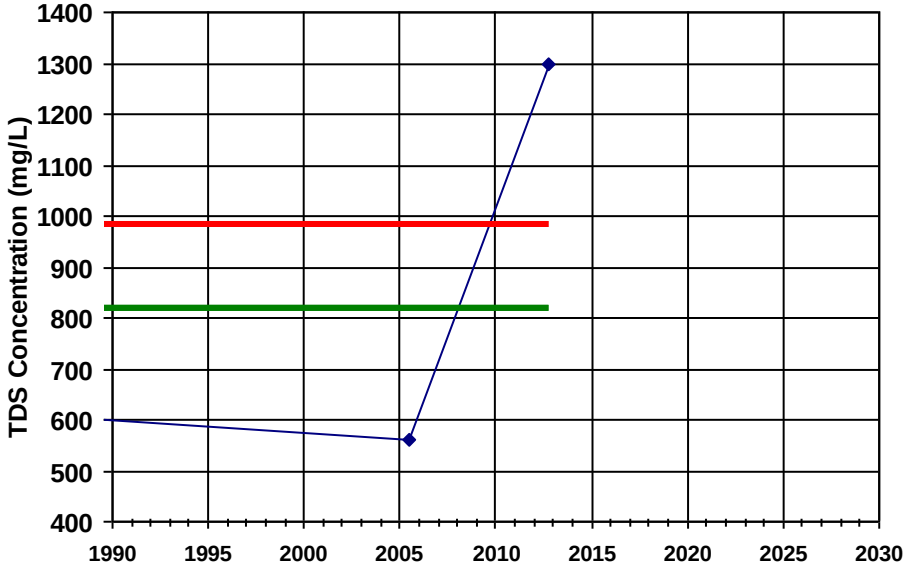
RMSID: 3400192-001
Zone: Unknown
MO: 145 MT: 500
Data Source: GAMA
Well Depth: N/A



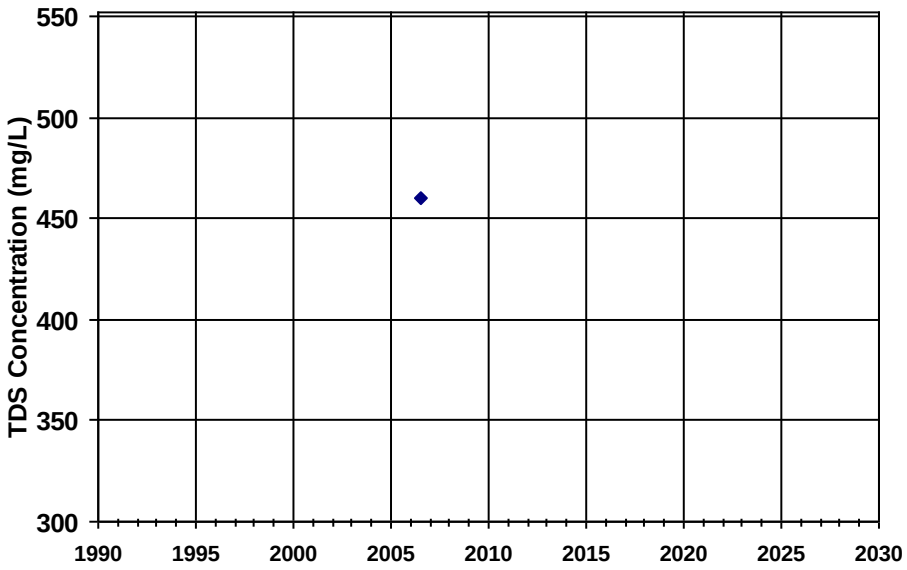
RMSID: 3410047-001
Zone: Unknown
MO: 156.7 MT: 500
Data Source: GAMA
Well Depth: N/A



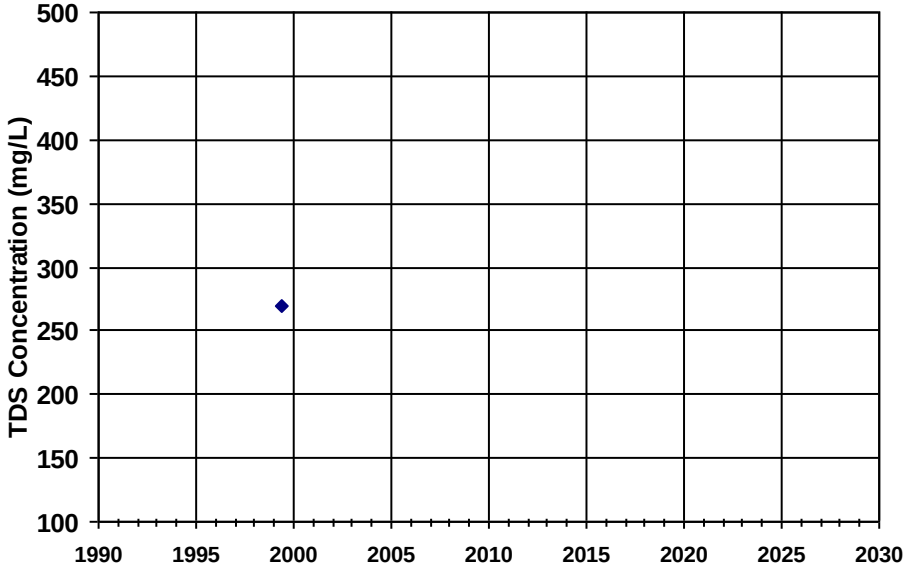
RMSID: 3410302-002
Zone: Unknown
MO: 820.7 MT: 985
Data Source: DHS
Well Depth: N/A



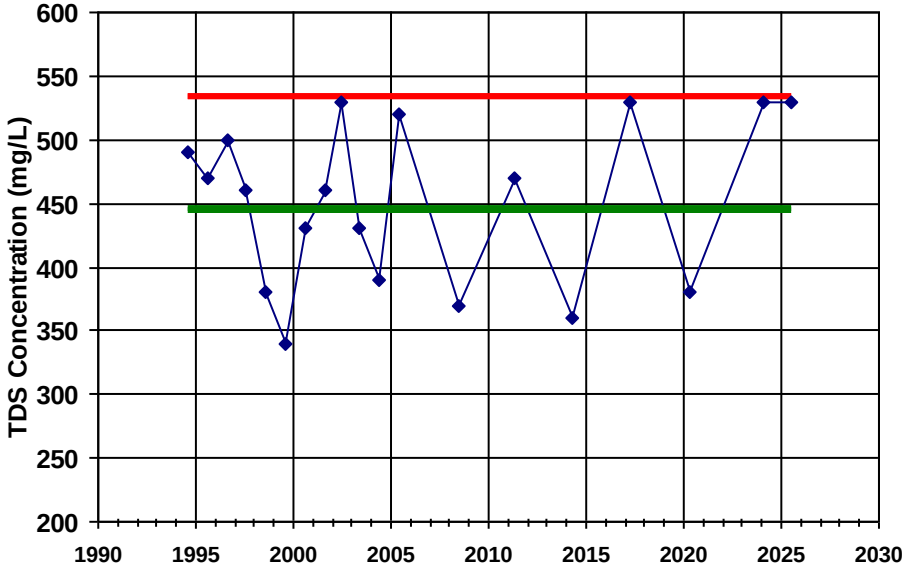
RMSID: 4800709-001
Zone: Unknown
MO: 460 MT: 552
Data Source: DDW
Well Depth: N/A



RMSID: 4800786-001
Zone: Unknown
MO: 270 MT: 500
Data Source: DDW
Well Depth: N/A

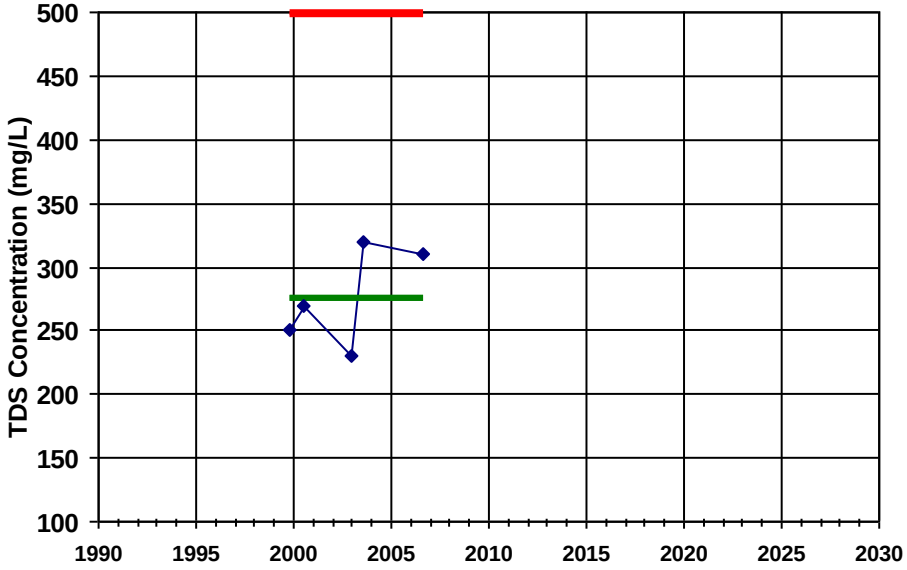


RMSID: 4810011-001
Zone: Unknown
MO: 445.6 MT: 534.8
Data Source: SID
Well Depth: N/A

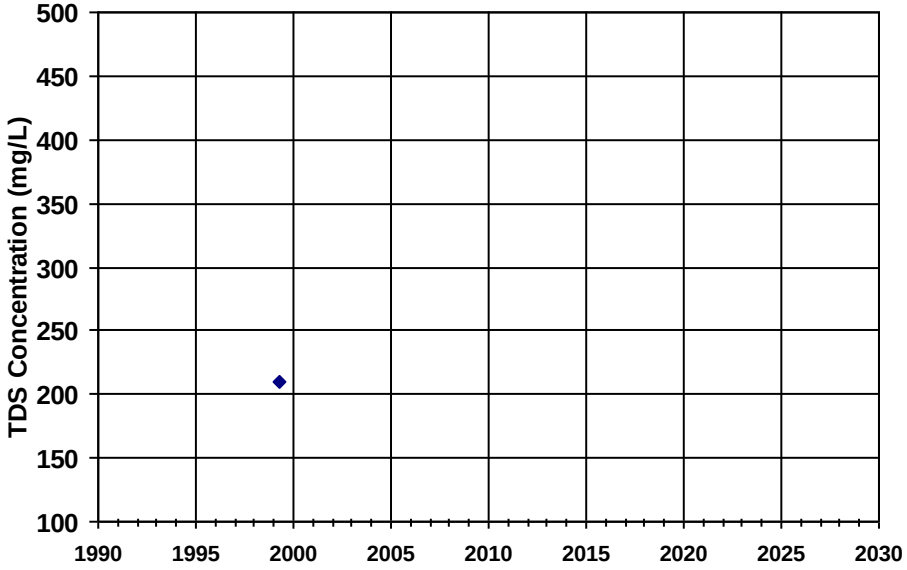


{R_WQ_TDSplots}

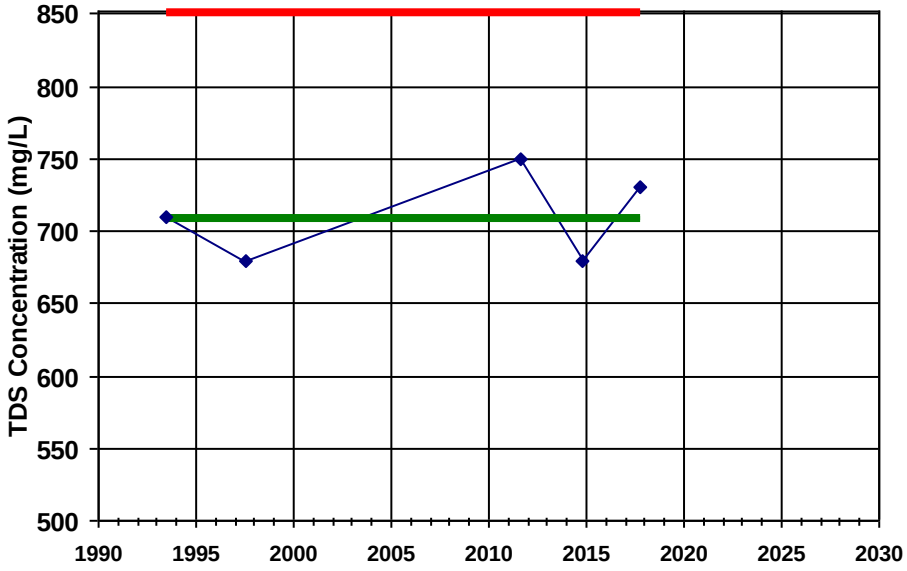
RMSID: 4810020-001
Zone: Unknown
MO: 276 MT: 500
Data Source: DDW
Well Depth: 60



RMSID: 4810023-001
Zone: Unknown
MO: 210 MT: 500
Data Source: DDW
Well Depth: N/A



RMSID: 4810801-002
Zone: Unknown
MO: 710 MT: 852
Data Source: GAMA
Well Depth: N/A



{R_WQ_TDSplots}

Appendix I Historical Summary of Interconnected Surface Water RMS Monitoring Status

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold		2015		2016		2017		2018	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
MW-15-188ft	95.40	158-178	188	Alluvial/Upper Tehama	City of Vacaville	32.1	63.3	22.0	73.4	18.5	76.9	18.0	77.4	19.0	76.4
05N02E25K001M[2]	3.55	70-100	100	Alluvial/Upper Tehama	Solano Subbasin GSA	11.9	-8.4	3.9	-0.4	3.5	0.0	3.7	-0.2	3.7	-0.2
06N01E12M001M	42.55	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	16.9	25.7	16.8	25.8	17.1	25.5	13.4	29.2	16.7	25.9
06N01E17M001M[2]	66.27	70-80, 100-120	120	Alluvial/Upper Tehama	Solano Irrigation District	18.2	48.1	11.4	54.9	11.0	55.3	8.9	57.4	11.6	54.7
06N02E19J001M	26.02	120-140, 160-180	182	Alluvial/Upper Tehama	Solano Subbasin GSA	15.2	10.8	7.3	18.7	6.8	19.2	6.7	19.3	7.7	18.3
07N01W13H001M	108.60	54-158	158	Alluvial/Upper Tehama	Solano Irrigation District	20.6	88.0	21.0	87.6	21.3	87.3	20.7	87.9	20.1	88.5

Notes:

1- Domestic well average depth, minimum depth and well count are based on an area of approximately 9 square miles surrounding the RMS

2- MT is set 5 feet below deepest depth to water over the base period to allow for operational flexibility

3- History of water level measurement is post January 2015, MT is set as the lowest observed depth to water and will be reevaluated during the fiver year update

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold		2019		2020		2021		2022	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
MW-15-188ft	95.40	158-178	188	Alluvial/Upper Tehama	City of Vacaville	32.1	63.3	17.0	78.4	18.5	76.9	19.0	76.4	19.0	76.4
05N02E25K001M[2]	3.55	70-100	100	Alluvial/Upper Tehama	Solano Subbasin GSA	11.9	-8.4	4.3	-0.8	4.5	-1.0	4.3	-0.8		
06N01E12M001M	42.55	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	16.9	25.7	15.7	26.9	17.1	25.5				
06N01E17M001M[2]	66.27	70-80, 100-120	120	Alluvial/Upper Tehama	Solano Irrigation District	18.2	48.1	10.8	55.5	12.0	54.3	12.0	54.3	11.4	54.9
06N02E19J001M	26.02	120-140, 160-180	182	Alluvial/Upper Tehama	Solano Subbasin GSA	15.2	10.8	6.9	19.1	9.0	17.0	10.1	15.9	11.5	14.5
07N01W13H001M	108.60	54-158	158	Alluvial/Upper Tehama	Solano Irrigation District	20.6	88.0	12.3	96.3						

Notes:

1- Domestic well average depth, minimum depth and well count are based on an area of approximately 9 square miles surrounding th

2- MT is set 5 feet below deepest depth to water over the base period to allow for operational flexibility

3- History of water level measurement is post January 2015, MT is set as the lowest observed depth to water and will be reevaluated

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold		2023		2024		2025	
						Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)	Depth (ft)	Elev (ft msl)
MW-15-188ft	95.40	158-178	188	Alluvial/Upper Tehama	City of Vacaville	32.1	63.3	18.0	77.4	19.0	76.4	18.5	76.9
05N02E25K001M[2]	3.55	70-100	100	Alluvial/Upper Tehama	Solano Subbasin GSA	11.9	-8.4						
06N01E12M001M	42.55	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	16.9	25.7	31.8	10.8	20.8	21.7	22.1	20.5
06N01E17M001M[2]	66.27	70-80, 100-120	120	Alluvial/Upper Tehama	Solano Irrigation District	18.2	48.1	11.5	54.8	11.4	54.9	10.8	55.5
06N02E19J001M	26.02	120-140, 160-180	182	Alluvial/Upper Tehama	Solano Subbasin GSA	15.2	10.8	9.6	16.4	7.3	18.8	8.7	17.3
07N01W13H001M	108.60	54-158	158	Alluvial/Upper Tehama	Solano Irrigation District	20.6	88.0						

Notes:

1- Domestic well average depth, minimum depth and well count are based on an area of approximately 9 square miles surrounding th

2- MT is set 5 feet below deepest depth to water over the base period to allow for operational flexibility

3- History of water level measurement is post January 2015, MT is set as the lowest observed depth to water and will be reevaluated

RMS ID	RPE	Screen Interval	Well Depth	Aquifer Designation	GSA Location	Minimum Threshold		Comment
						Depth (ft)	Elev (ft msl)	
MW-15-188ft	95.40	158-178	188	Alluvial/Upper Tehama	City of Vacaville	32.1	63.3	
05N02E25K001M[2]	3.55	70-100	100	Alluvial/Upper Tehama	Solano Subbasin GSA	11.9	-8.4	Ongoing efforts to re-recruit
06N01E12M001M	42.55	--	109	Alluvial/Upper Tehama	Solano Subbasin GSA	16.9	25.7	Successfully re-recruited, monitoring resuming Spring 2024
06N01E17M001M[2]	66.27	70-80, 100-120	120	Alluvial/Upper Tehama	Solano Irrigation District	18.2	48.1	
06N02E19J001M	26.02	120-140, 160-180	182	Alluvial/Upper Tehama	Solano Subbasin GSA	15.2	10.8	
07N01W13H001M	108.60	54-158	158	Alluvial/Upper Tehama	Solano Irrigation District	20.6	88.0	Ongoing efforts to re-recruit

Notes:

1- Domestic well average depth, minimum depth and well count are based on an area of approximately 9 square miles surrounding th

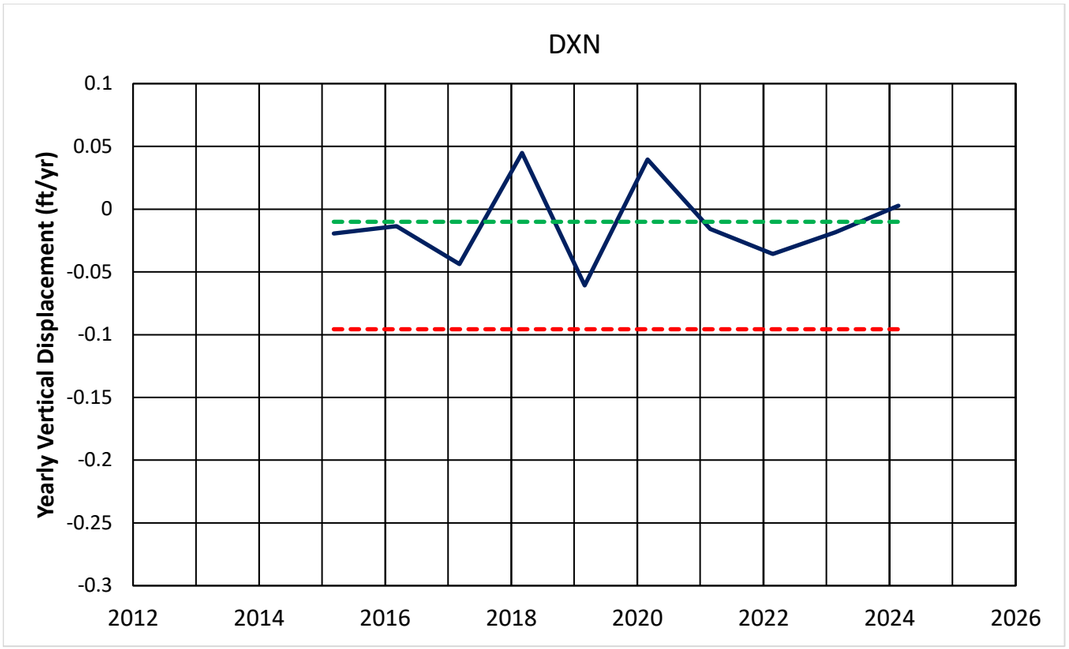
2- MT is set 5 feet below deepest depth to water over the base period to allow for operational flexibility

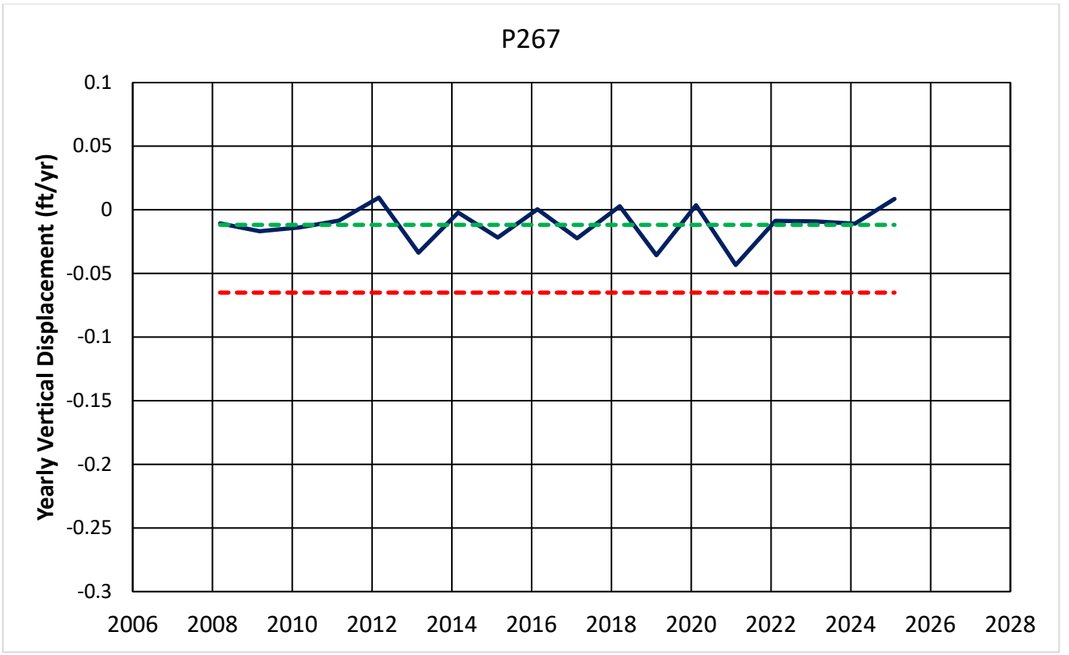
3- History of water level measurement is post January 2015, MT is set as the lowest observed depth to water and will be reevaluated

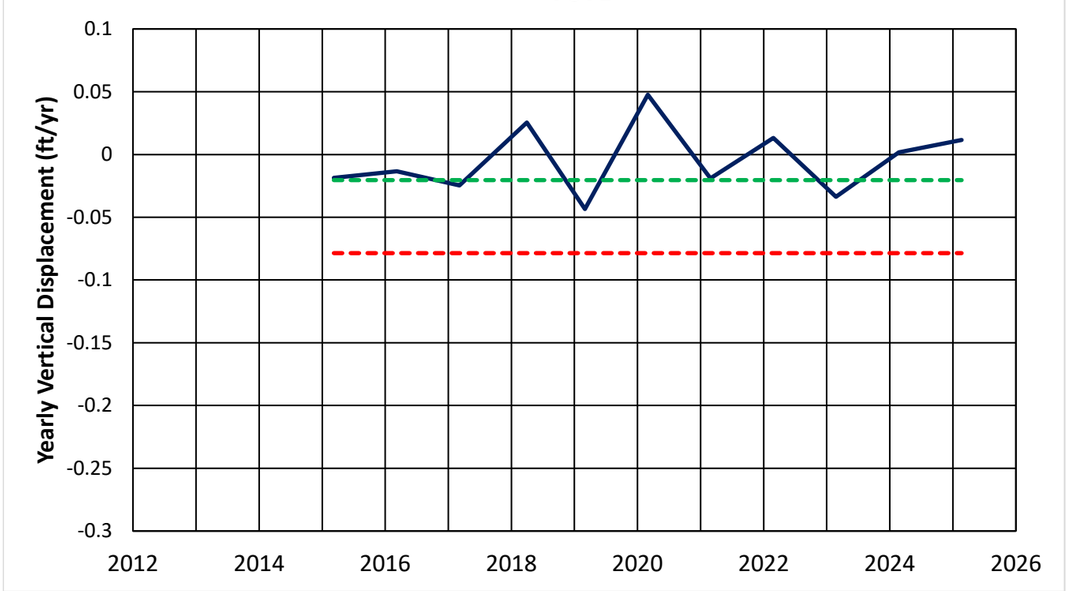
Appendix J1 Historical Summary of Land Subsidence RMS Monitoring Status

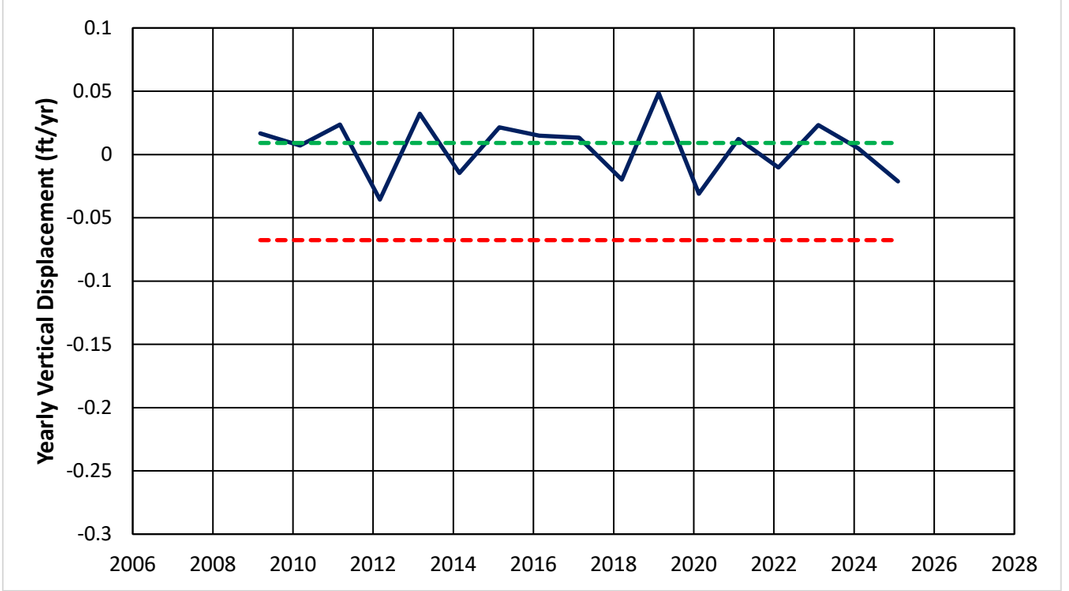
Station ID	MT Average Seasonal Fluctuation (ft/yr)	Annual Vertical Displacement (ft/yr) March to March									
		2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
DIXN	-0.0957	-0.0233	-0.0285	0.0365	-0.0596	0.0408	-0.0769	-0.1122	-0.0355	0.0027	-0.0029
VCVL	-0.0786	-0.0106	-0.0186	0.0287	-0.0537	0.0474	-0.0170	0.0107	0.0105	0.0018	0.0117
P266	-0.0677	-0.0894	-0.0974	-0.0770	-0.1330	-0.0990	-0.1199	-0.0069	-0.0186	0.0049	-0.0212
P267	-0.0651	0.0004	-0.0152	-0.0078	-0.0357	0.0076	-0.0457	-0.0187	-0.0070	-0.0108	0.0087

Appendix J2 Land Subsidence RMS Plots









Legend: Yearly Subsidence — Minimum Threshold — Measurable Objective