

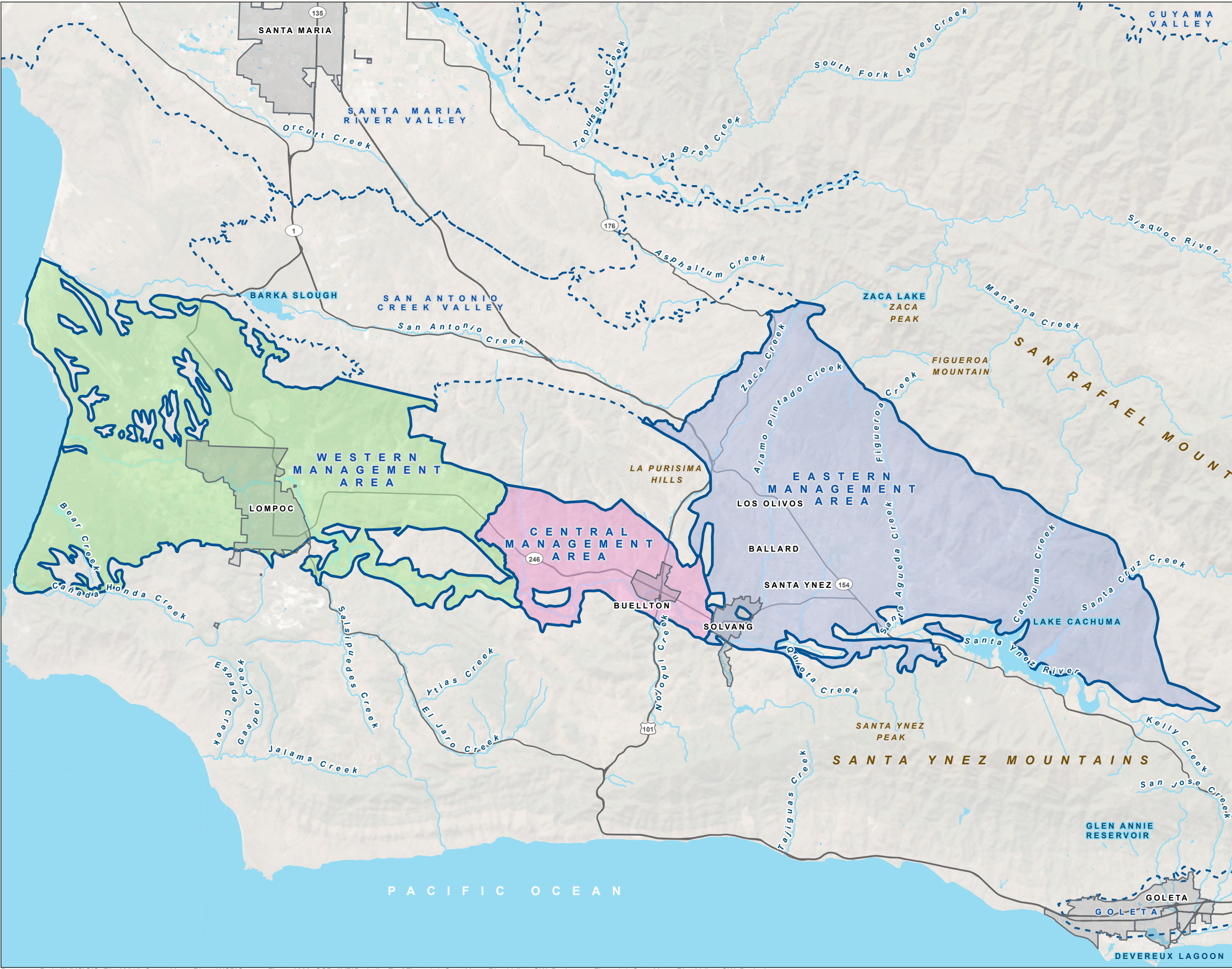


FIGURE 1-1
Santa Ynez River Valley
Groundwater Basin
Santa Ynez River Valley
Groundwater Basin –
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation

- LEGEND**
- Bulletin 118 Santa Ynez River Valley Groundwater Basin
 - Santa Ynez River Valley Subbasins**
 - Central Management Area
 - Eastern Management Area
 - Western Management Area
 - All Other Features**
 - Other Bulletin 118 Groundwater Basin Boundary
 - City Boundary
 - Major Road
 - Watercourse
 - Waterbody

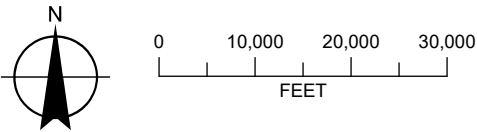
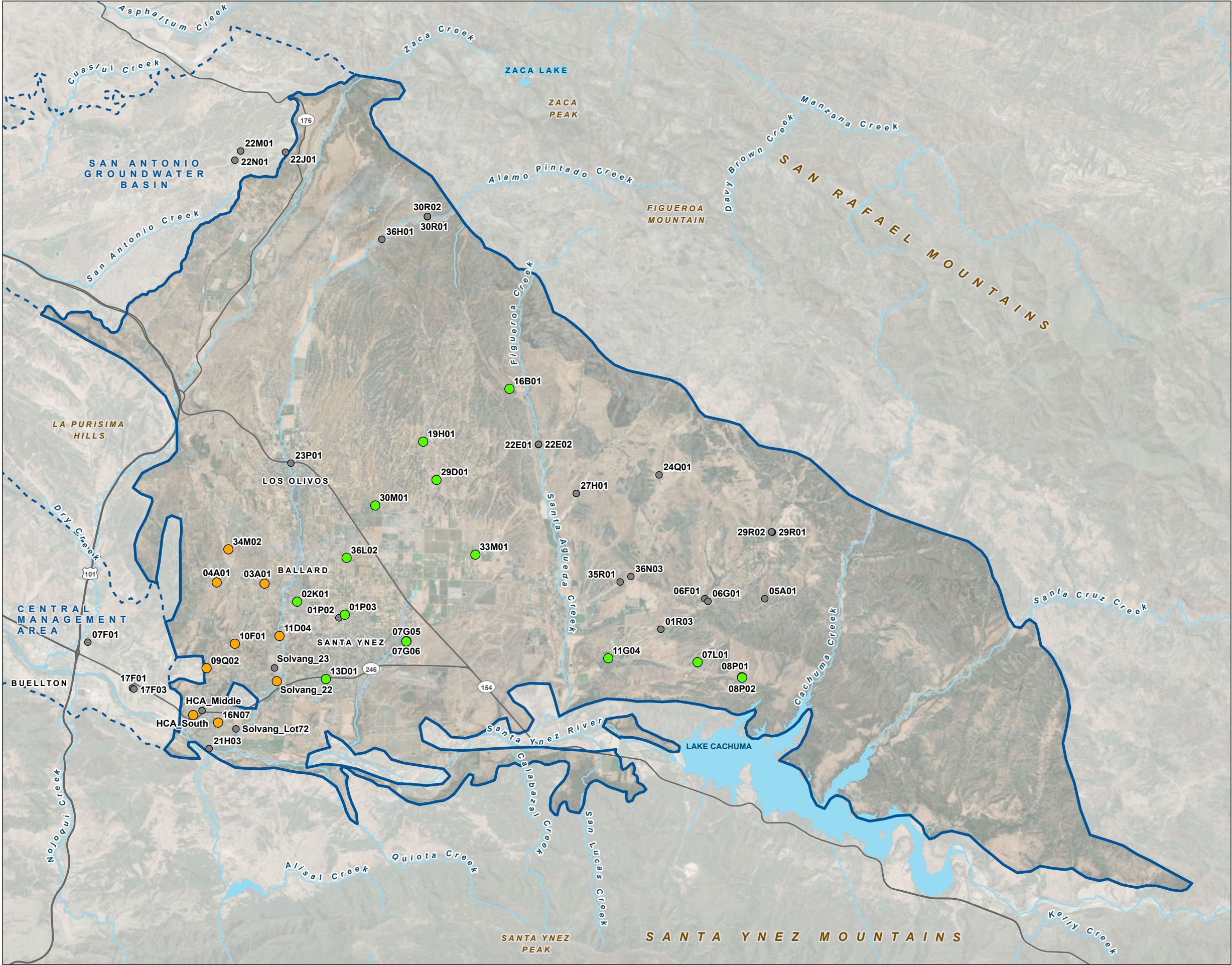


Figure 3-1
Groundwater Level Monitoring Network
Santa Ynez River Valley
Groundwater Basin –
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation



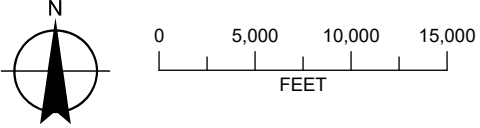
LEGEND

Representative Well (by screened aquifer)

- Careaga Sand
- Paso Robles Formation
- Monitored by Santa Barbara County Water Agency

All Other Features

- Eastern Management Area Bulletin 118 Boundary
- Other Bulletin 118 Groundwater Basin Boundary
- Major Road
- Watercourse
- Waterbody



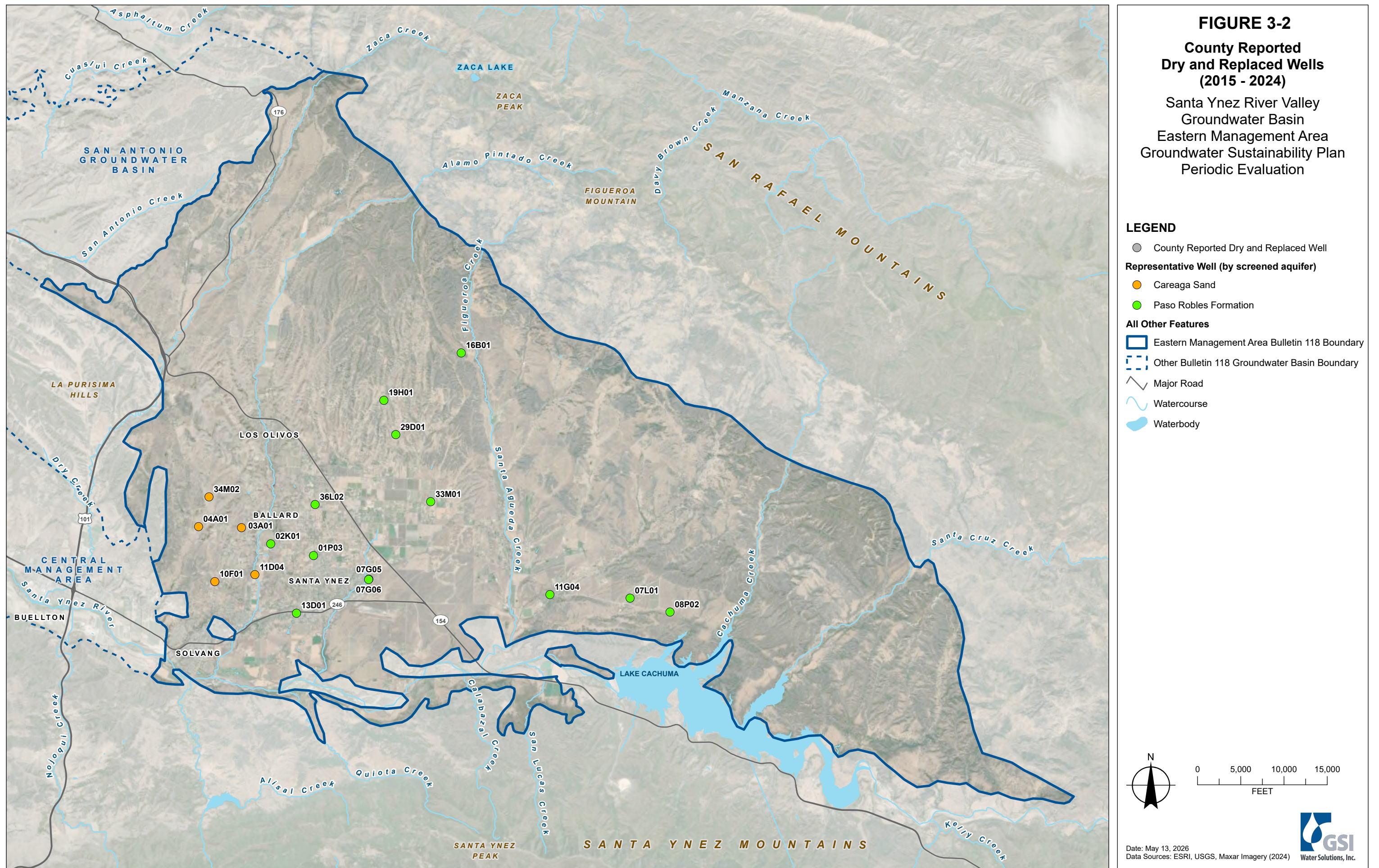


FIGURE 3-3

Paso Robles Formation
Groundwater Elevation Contours,
Spring 2024

Santa Ynez River Valley
Groundwater Basin
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation

LEGEND

Paso Formation Groundwater
Elevation, Spring 2024

Major

Minor

Santa Ynez River Area

Representative Well (by screened aquifer)

Paso Robles Formation
Water Level Elevaton (feet NAVD 88)

Monitored by Santa Barbara County
Water Agency

All Other Features

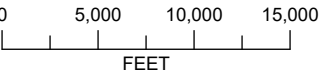
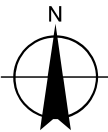
Eastern Management Area Bulletin 118
Boundary

Other Bulletin 118 Groundwater Basin
Boundary

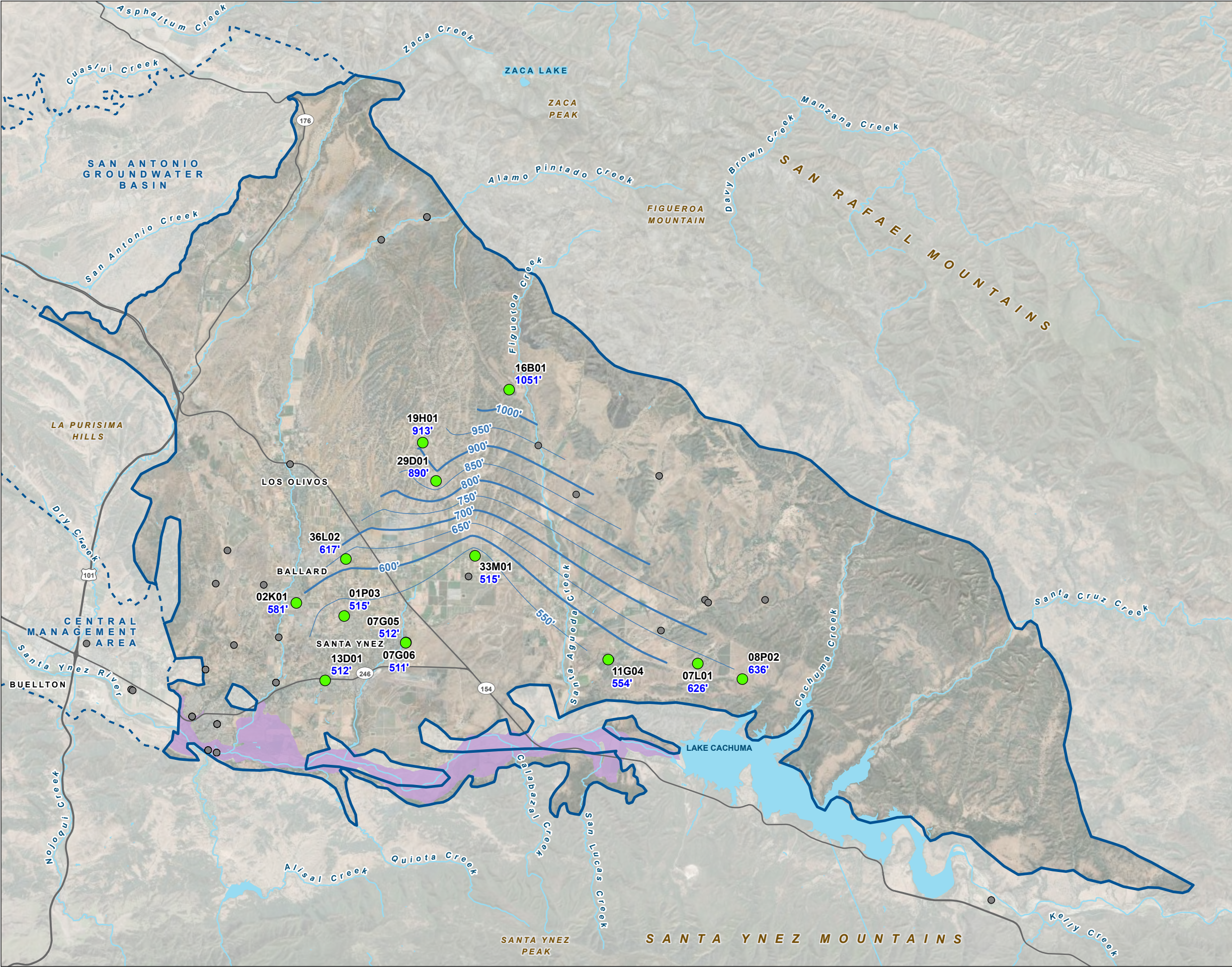
Major Road

Watercourse

Waterbody



Date: February 23, 2026
Data Sources: ESRI, USGS, Maxar Imagery (2020)



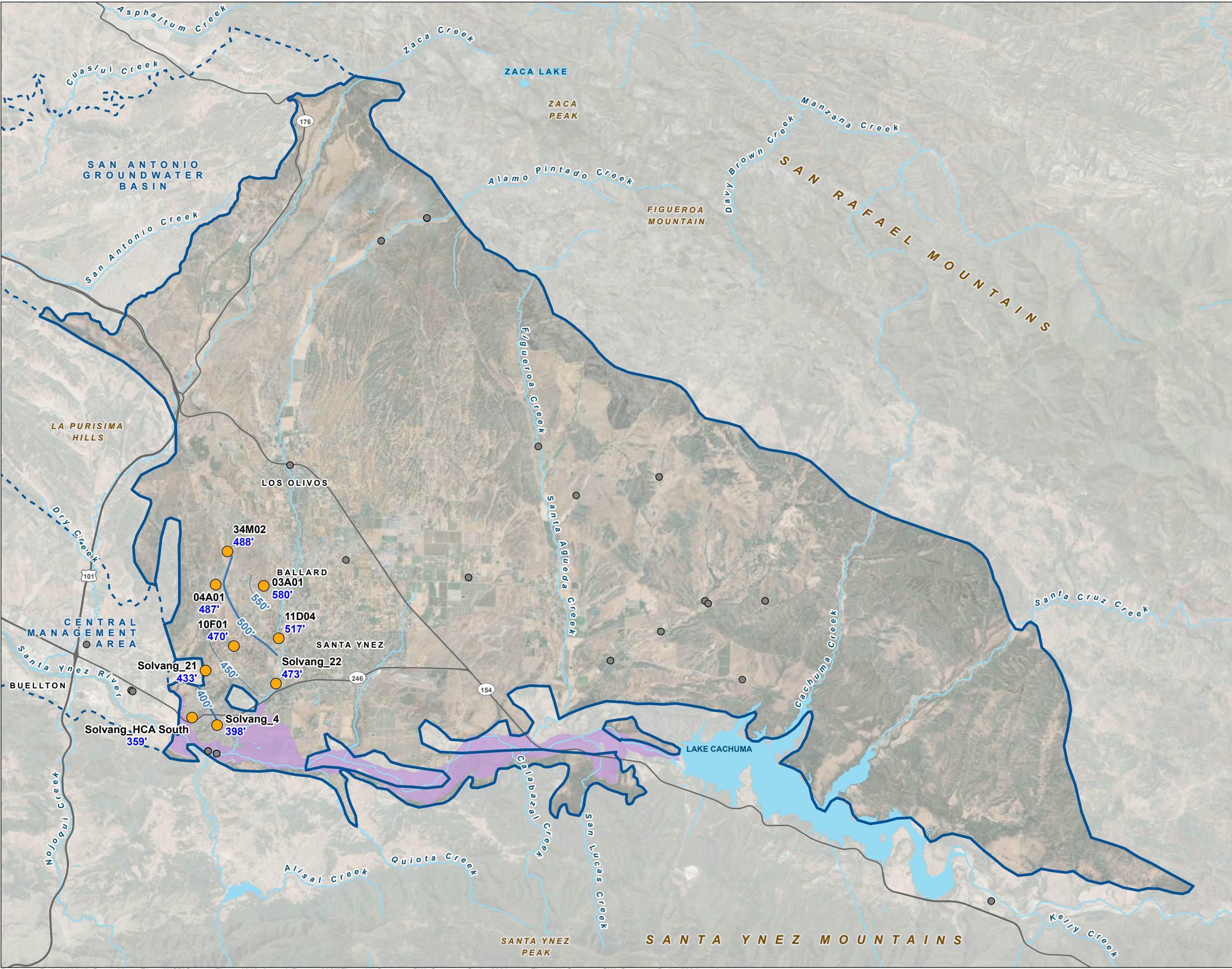


FIGURE 3-4
Careaga Sand
Groundwater Elevation Contours,
Spring 2024

Santa Ynez River Valley
Groundwater Basin
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation

LEGEND

Careaga Sand Groundwater Elevation, Spring 2024

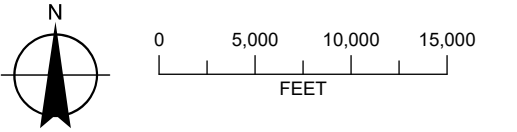
- Major
- Minor
- Santa Ynez River Area

Representative Well (by screened aquifer)

- Careaga Sand
Water Level Elevaton (feet NAVD 88)
- Monitored by Santa Barbara County Water Agency

All Other Features

- Eastern Management Area Bulletin 118 Boundary
- Other Bulletin 118 Groundwater Basin Boundary
- Major Road
- Watercourse
- Waterbody



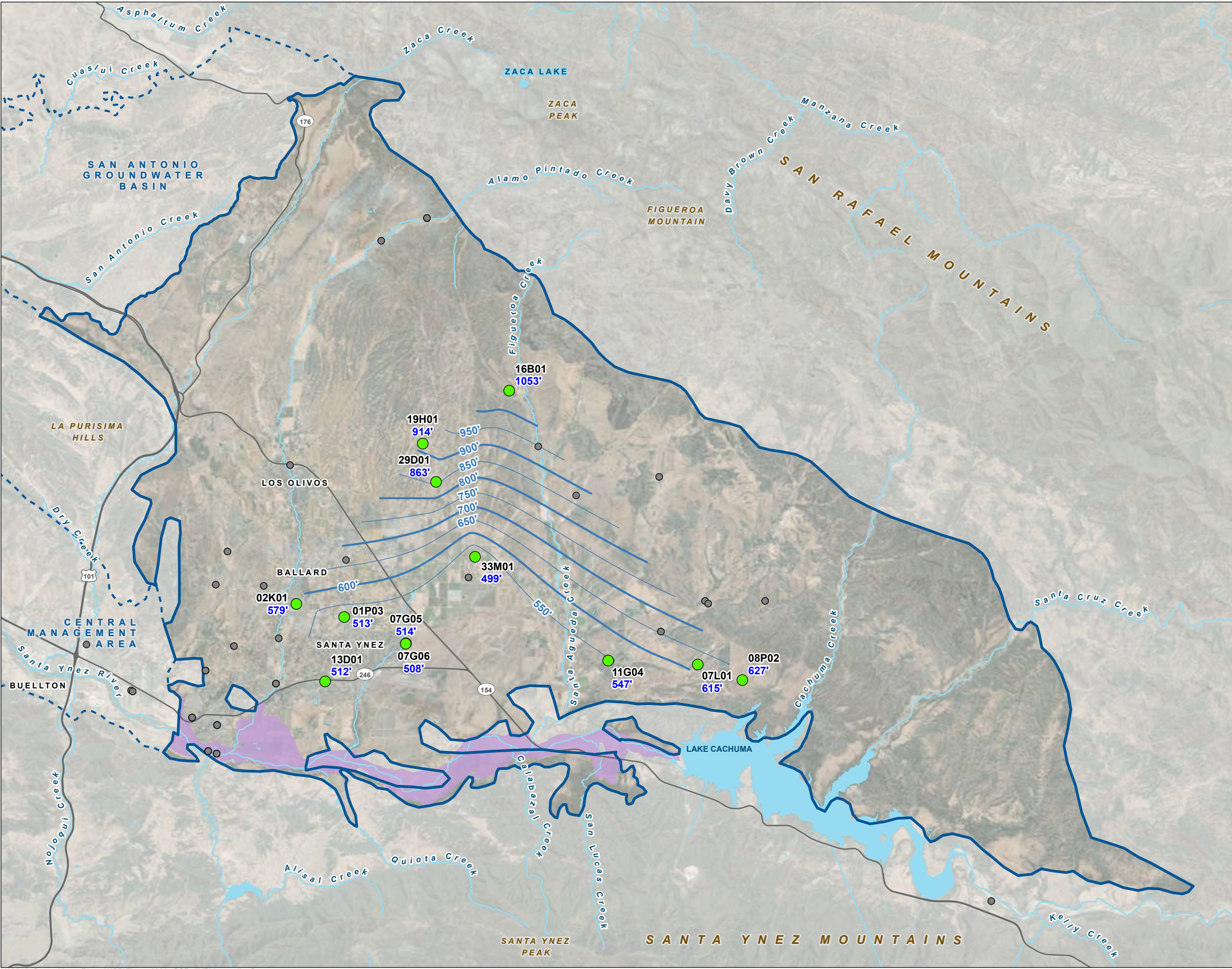


FIGURE 3-5
Paso Robles Formation
Groundwater Elevation Contours,
Fall 2024

Santa Ynez River Valley
Groundwater Basin
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation

LEGEND

Paso Formation Groundwater Elevation, Fall 2024

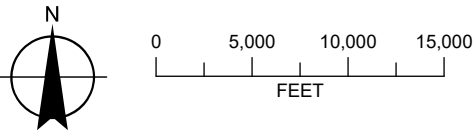
- Major
- Minor
- Santa Ynez River Area

Representative Well (by screened aquifer)

- Paso Formation Well
Water Level Elevaton (feet NAVD 88)
- Monitored by Santa Barbara County Water Agency

All Other Features

- Eastern Management Area Bulletin 118 Boundary
- Other Bulletin 118 Groundwater Basin Boundary
- Major Road
- Watercourse
- Waterbody



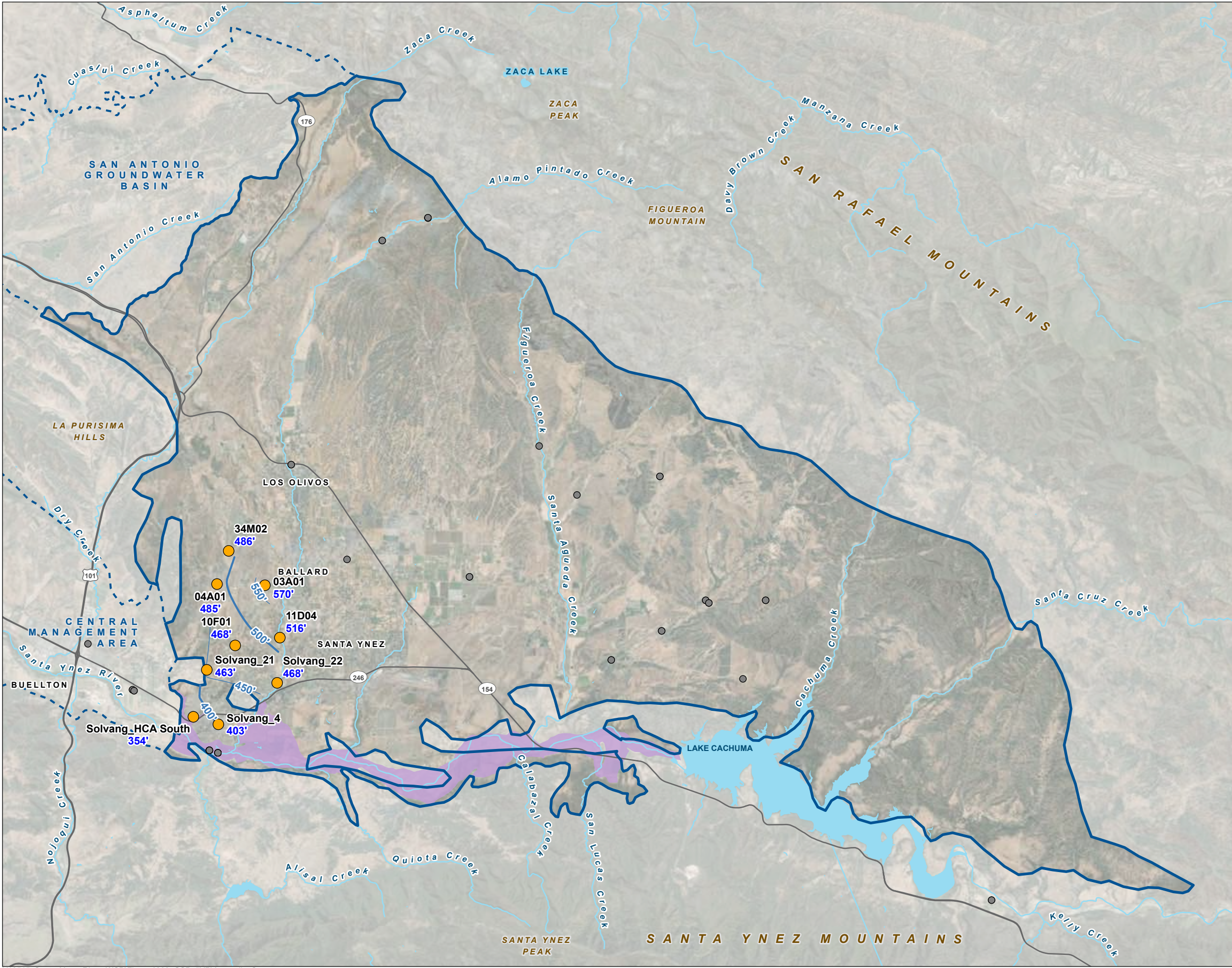


FIGURE 3-6
Careaga Sand
Groundwater Elevation Contours,
Fall 2024

Santa Ynez River Valley
Groundwater Basin
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation

LEGEND

Careaga Sand Groundwater Elevation, Fall 2024

Major
Minor

Santa Ynez River Area

Representative Well (by screened aquifer)

Careaga Sand
Water Level Elevaton (feet NAVD 88)

Monitored by Santa Barbara County Water Agency

All Other Features

Eastern Management Area Bulletin 118 Boundary

Other Bulletin 118 Groundwater Basin Boundary

Major Road

Watercourse

Waterbody

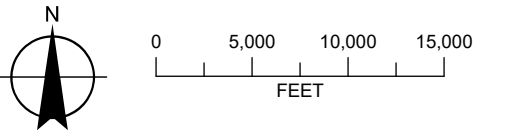
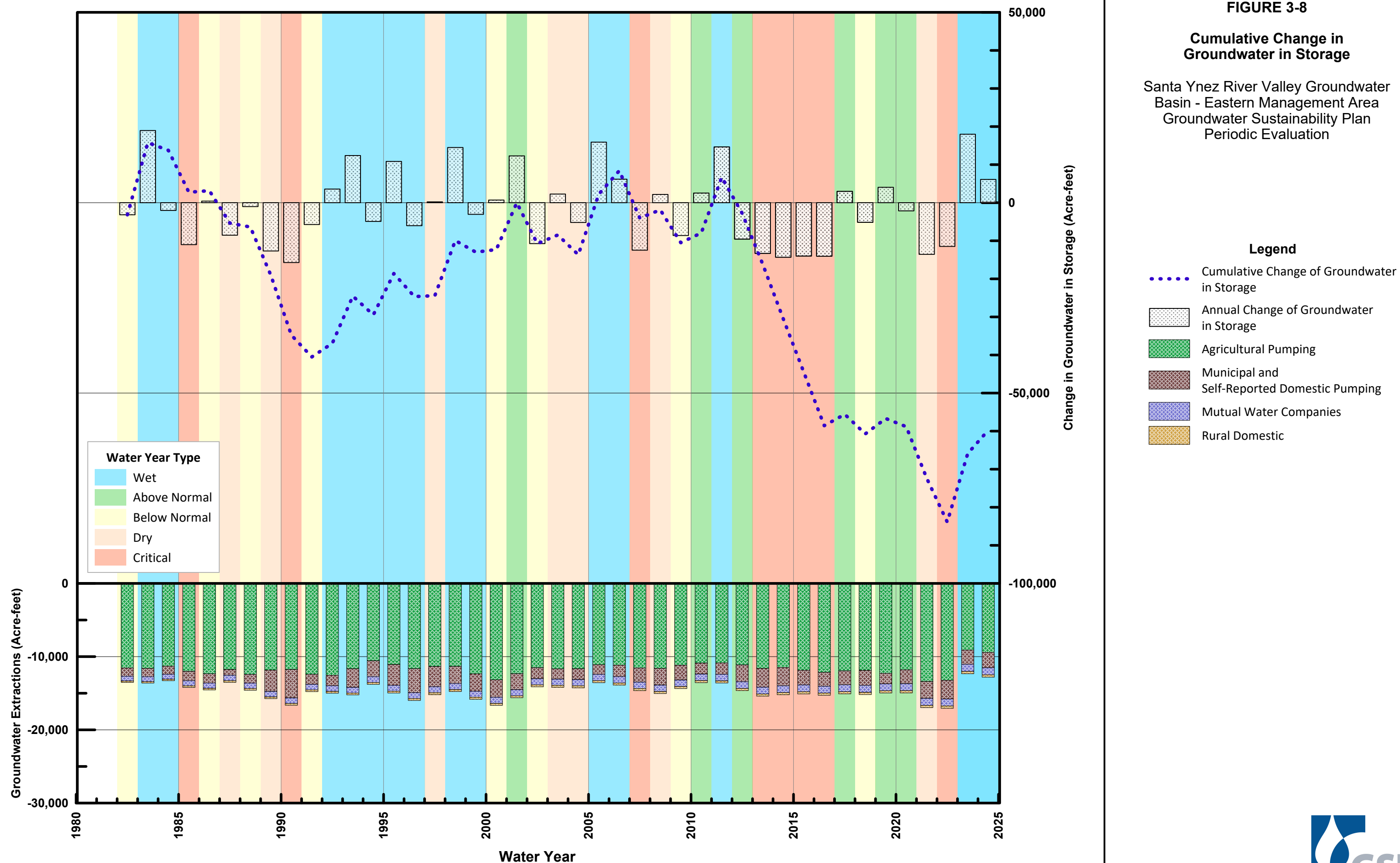


FIGURE 3-8

**Cumulative Change in
Groundwater in Storage**

Santa Ynez River Valley Groundwater
Basin - Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation



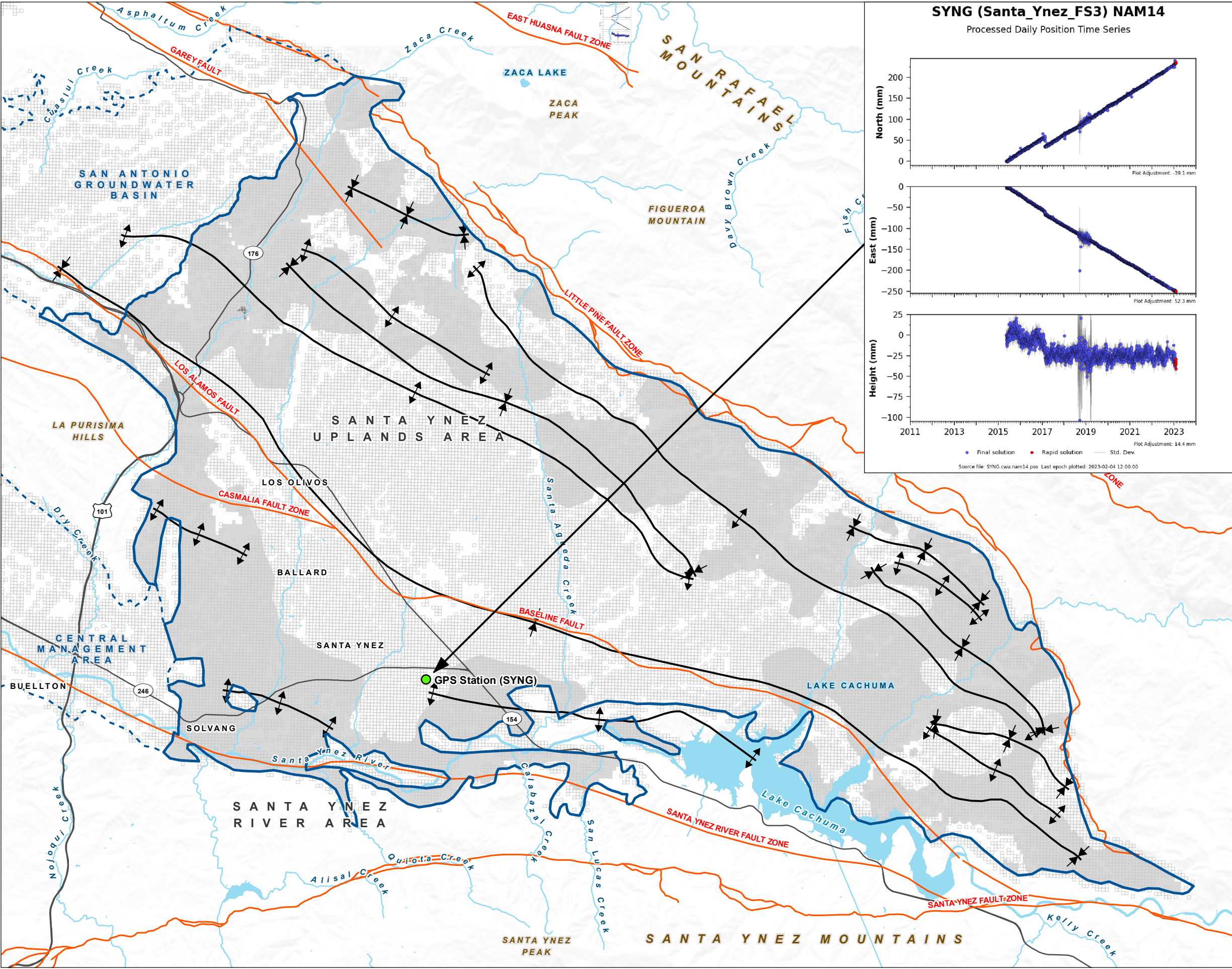


Figure 3-9
Land Subsidence (2015 to 2024)
Santa Ynez River Valley
Groundwater Basin –
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation

LEGEND

□ Vertical Displacement Point Data Location
Q4 2024

● GPS Station SYNG

**Interpolated InSAR Raster of Cumulative
Displacement, 6/13/2015 - 10/1/2024**

Vertical Displacement (InSAR)

0.0 to 0.09
0.1 to 0.11 (max)

Geologic Structures

— Fault

Fold Axes

↕ Anticline

↕ Syncline

All Other Features

□ Eastern Management Area Bulletin 118
Boundary

□ Other Bulletin 118 Groundwater Basin
Boundary

— Major Road

— Watercourse

— Waterbody

NOTES

InSAR accuracy for the period shown is 0.1 feet.
InSAR results less than this value are not considered
to be evidence of actual subsidence

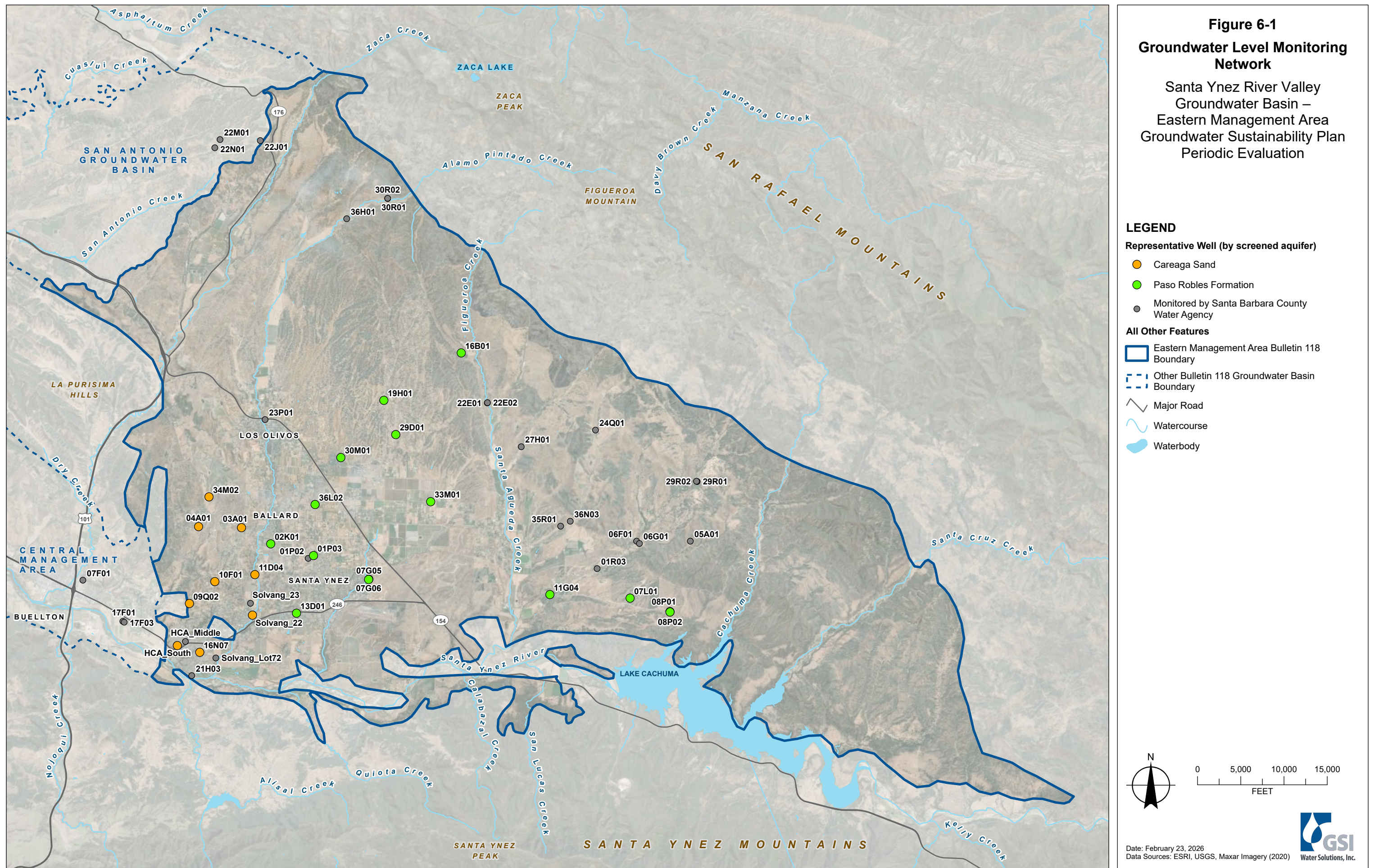
Areas outside of the InSAR point data grid do not
have raw data.



0 5,000 10,000 15,000
Feet



Date: March 4, 2024
Data Sources: ESRI, USGS, Maxar 2019



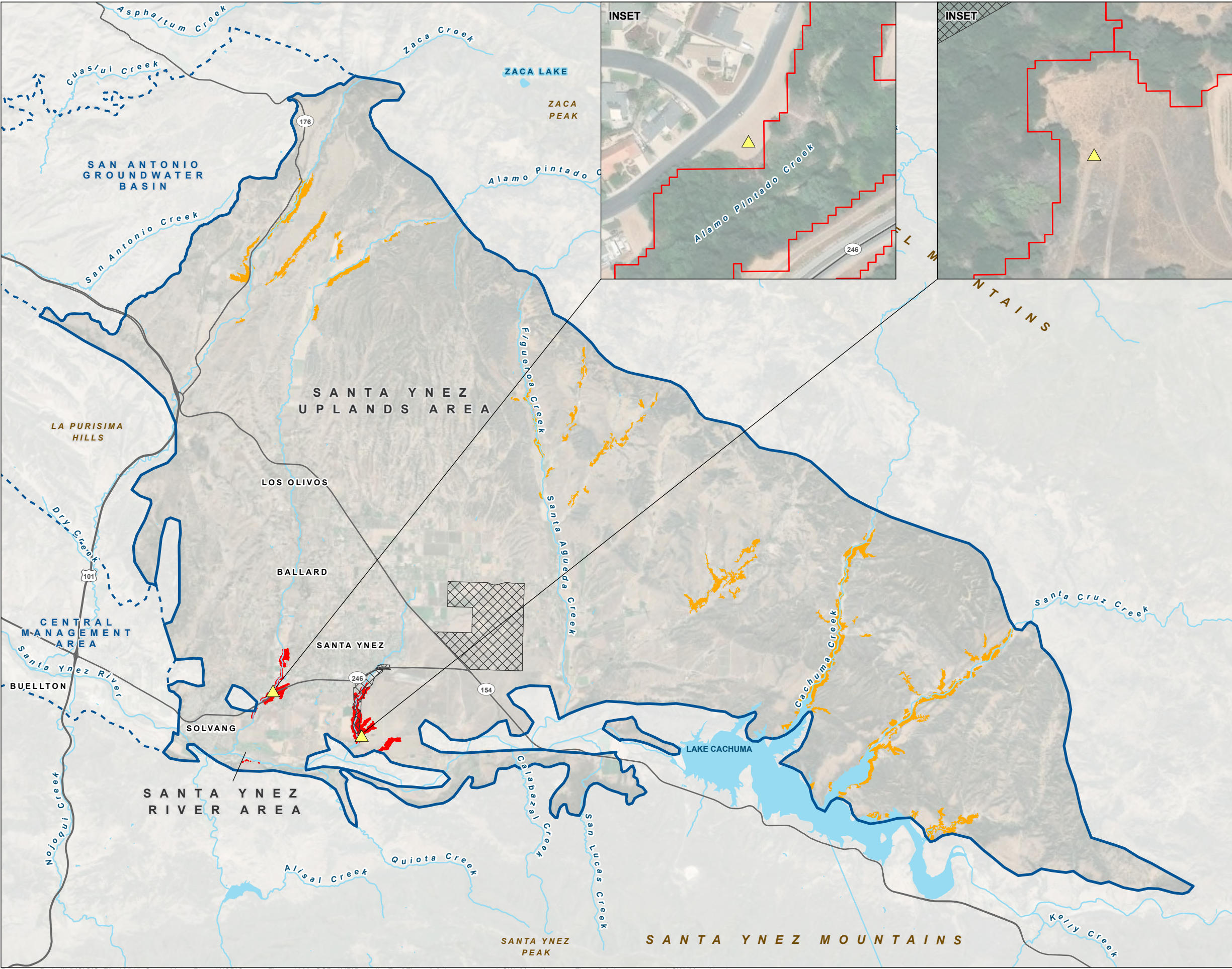
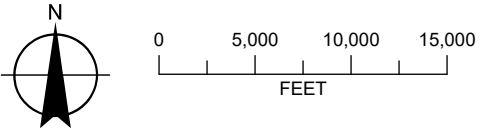


FIGURE 6-2
Interconnected Surface Water
Monitoring Network
Santa Ynez River Valley
Groundwater Basin –
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation

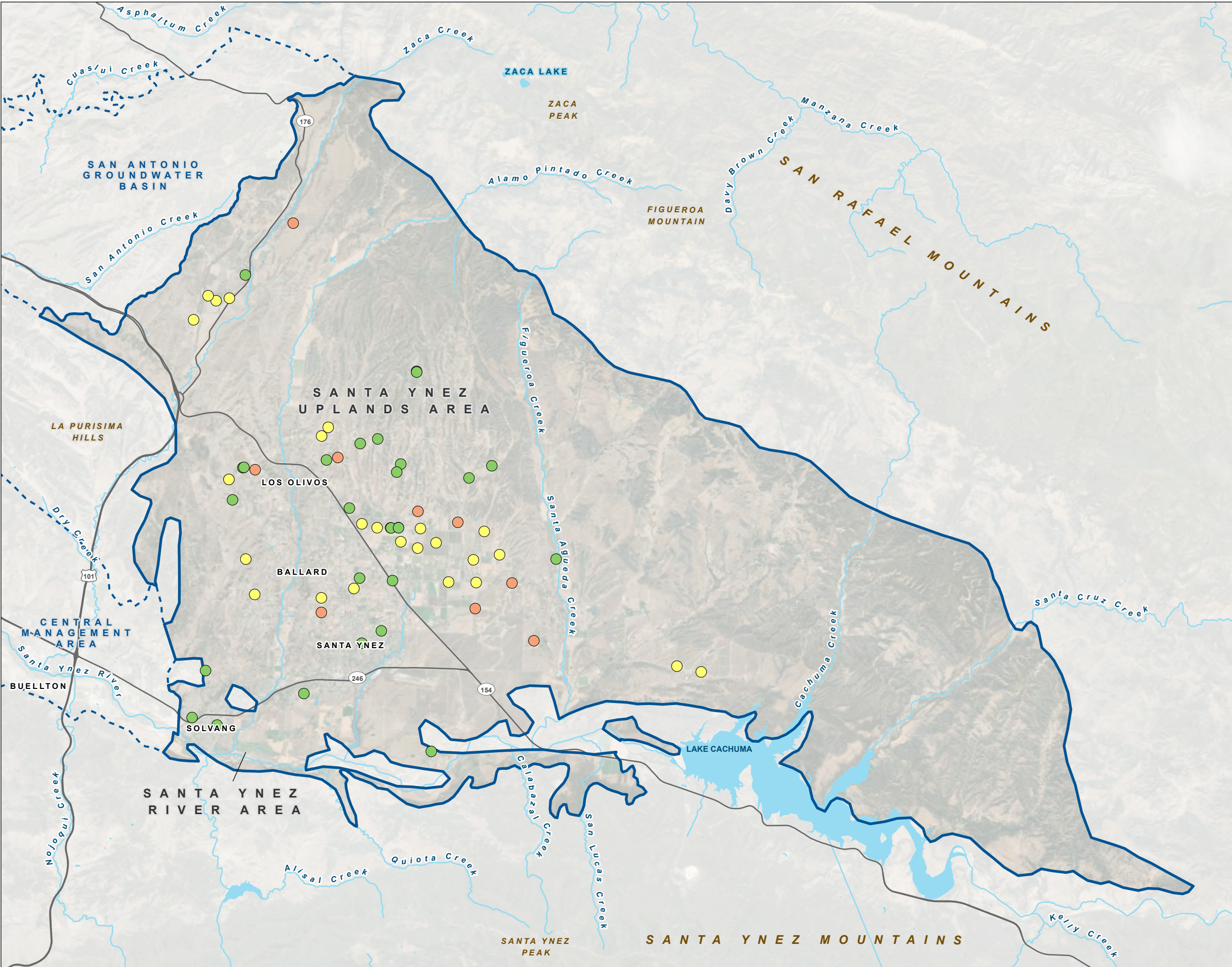
- LEGEND**
- Piezometer Location
 - Natural Communities Commonly Associated with Groundwater (NCCAG)**
 - Category A – Potential GDE Associated with a Principal Aquifer (184 acres²)
 - Category B – Potential GDE Unlikely to be Affected by Groundwater Management Activities (1,546 acres²)
 - All Other Features**
 - Eastern Management Area Bulletin 118 Boundary
 - Other Bulletin 118 Groundwater Basin Boundary
 - Chumash Reservation Boundary
 - Major Road
 - Watercourse
 - Waterbody



Date: July 14, 2026
Data Sources: ESRI, USGS, Maxar 2025



FIGURE 6-3
Groundwater Quality
Monitoring Network
Santa Ynez River Valley
Groundwater Basin –
Eastern Management Area
Groundwater Sustainability Plan
Periodic Evaluation



LEGEND

Well Type

- Agricultural
- Domestic
- Municipal

All Other Features

- Eastern Management Area Bulletin 118 Boundary
- Other Bulletin 118 Groundwater Basin Boundary
- Major Road
- Watercourse
- Waterbody

