



Our headwaters, Matilija Creek

Ventura River Watershed Management Plan

Goal (1 of 7)

Sufficient Local Water Supplies

“Sufficient local water supplies to allow continued independence from imported water and reliably support ecosystem and human (including urban and agricultural) needs in the watershed now and in the future, through wise water management.”



The Ventura River watershed is **100%** dependent upon **LOCAL** surface water and groundwater supplies.

No imported water is used.

Watershed Overview

-  Ventura River Watershed
-  U.S. Forest Service
-  Urban Areas



Rainfall

Variable geographically

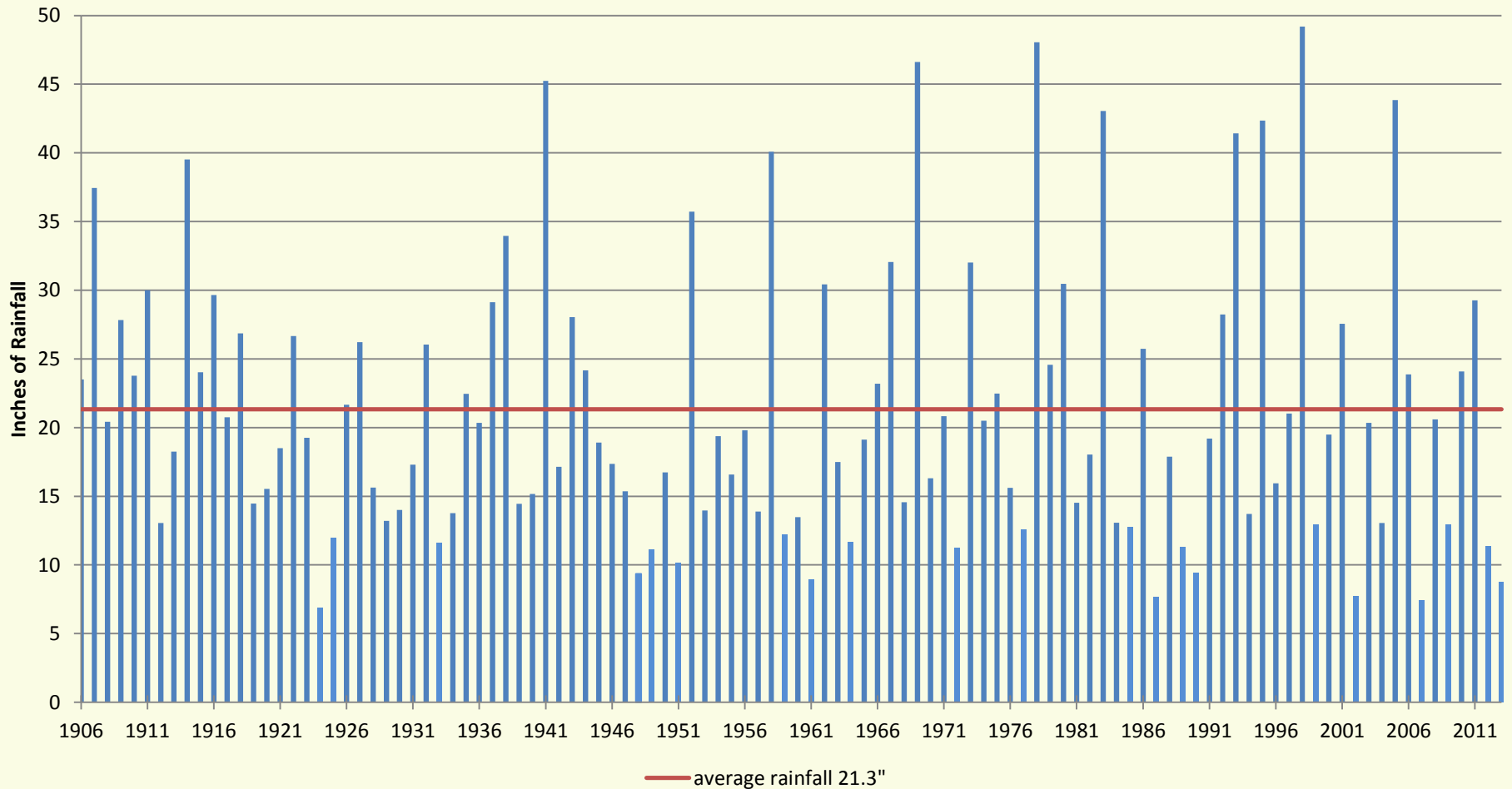
Variable seasonally

Variable from year to year

Rainfall

Since 1906, 67% of the years have had less than average rain.

Historical Rainfall, Downtown Ojai



Surface Water



Lake Casitas

Robles Diversion/Canal
– diverts Ventura River
water to the lake

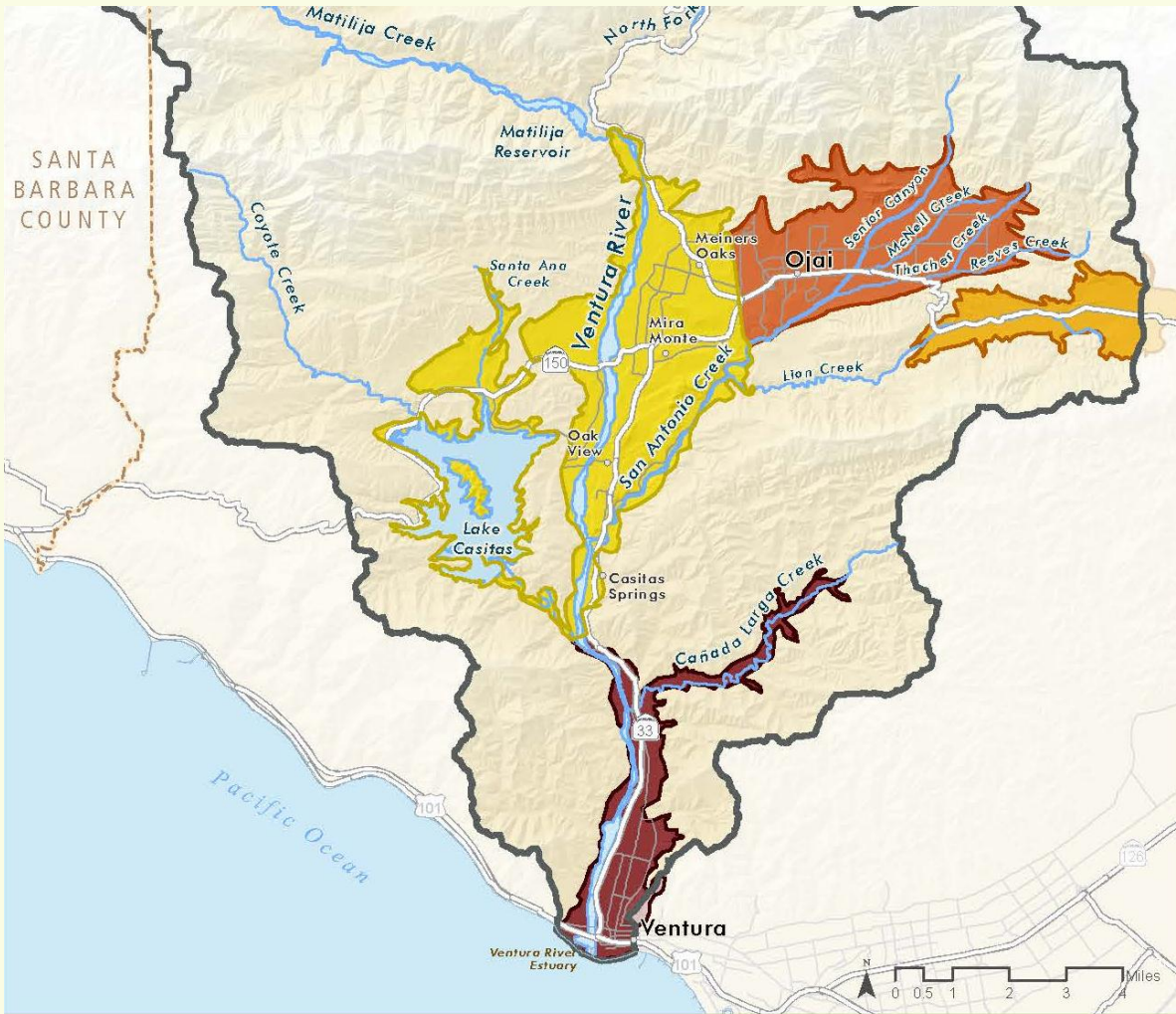


Surface Water



**Ventura River diversions
& wells near Foster Park**

Groundwater



Groundwater Basins

Ventura River Watershed

Groundwater Basin	Acres	Sq. Mi.	Depth to Water (ft.)		Max. Capacity	Avg. Well Yield	Active Wells
			Shallow	Deep			
Upper Ojai	3,800	5.9	40-200	400-600	5,681 AF	50 gmp	95
Ojai Valley	6,830	10.7	0-80	600-900	85,000 AF	383 gmp	149
Upper Ventura River	7,410	11.6	0-5	200-300	35,118 AF	600 gmp	160
Lower Ventura River	5,300	8.3	60	100-1,000	264,000 AF	20 gmp	16



Data Source: Groundwater Basins
 Ventura County Watershed
 Protection District
 Map Created by GreenInfo Network
 using Esri software
 April 2013 www.greeninfo.org

Groundwater Basins

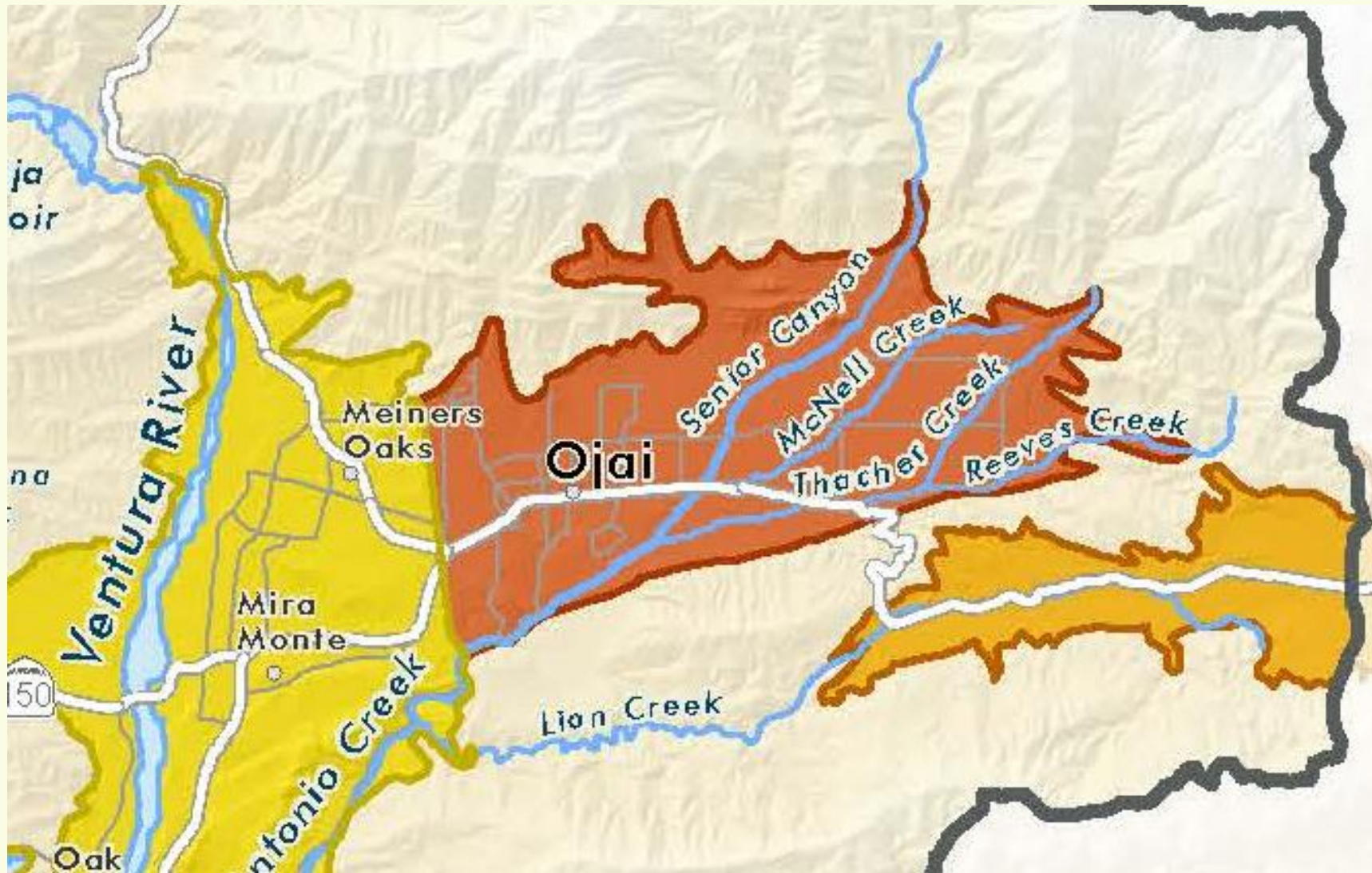
Mostly alluvial valley fill = porous.

Refill quickly with rain.

Shallow along the river.

Groundwater Basins

Ojai Valley Basin



Groundwater Basins

Ojai Valley Basin

Only basin where (almost) all extractions are monitored & managed thanks to Ojai Basin Groundwater Management Agency.

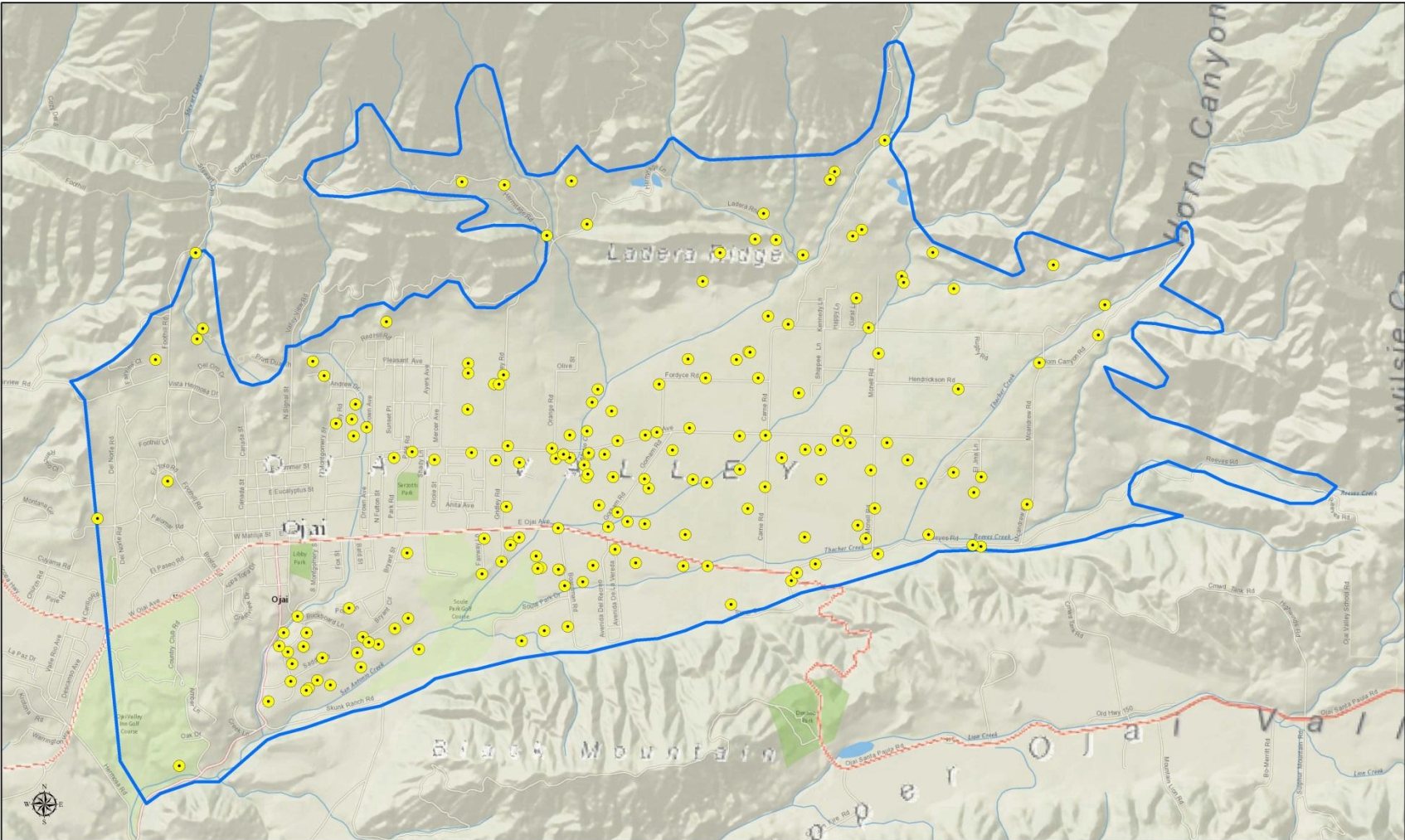
Important urban & ag water supply source.

Like a bowl.

Feeds San Antonio Creek.

Groundwater Basins

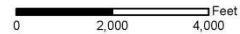
Ojai Valley Basin



Legend

- Ojai Valley Groundwater Basin
- Active Wells

**Active Water Wells in the
Ojai Valley Groundwater Basin**
(Well status as of October 10, 2012)



DISCLAIMER: The information contained herein was created by the Ventura County Watershed Protection District, Water & Environmental Resources Division for its own use. The VCWPD assumes no liability for damages incurred directly or indirectly as a result of errors, omissions or discrepancies.

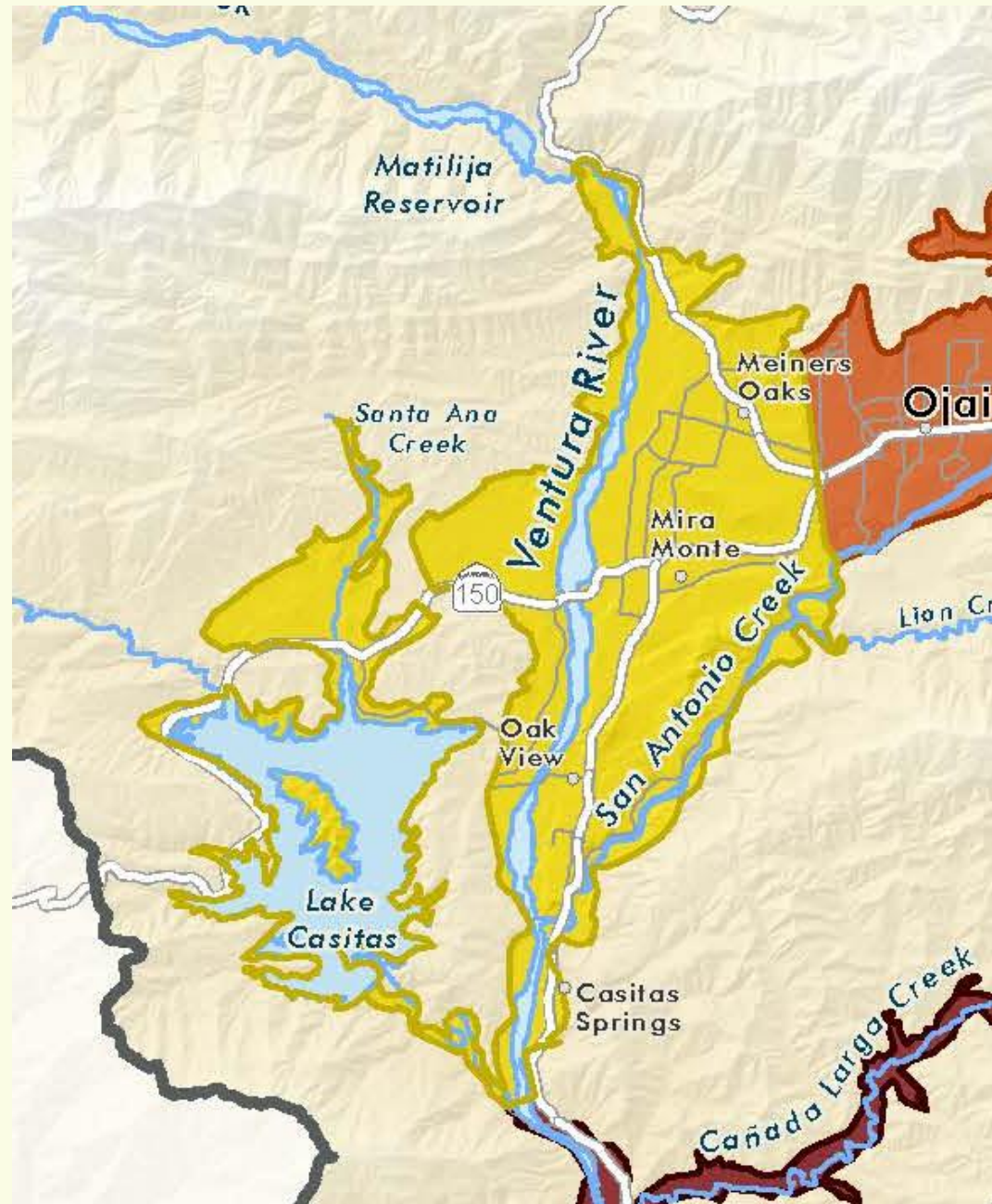
Groundwater Basins

Upper Ventura River Basin

Directly connected to Ventura River (eastern part).

Empties & refills quickly.

More like a slide than a bowl (along the river).



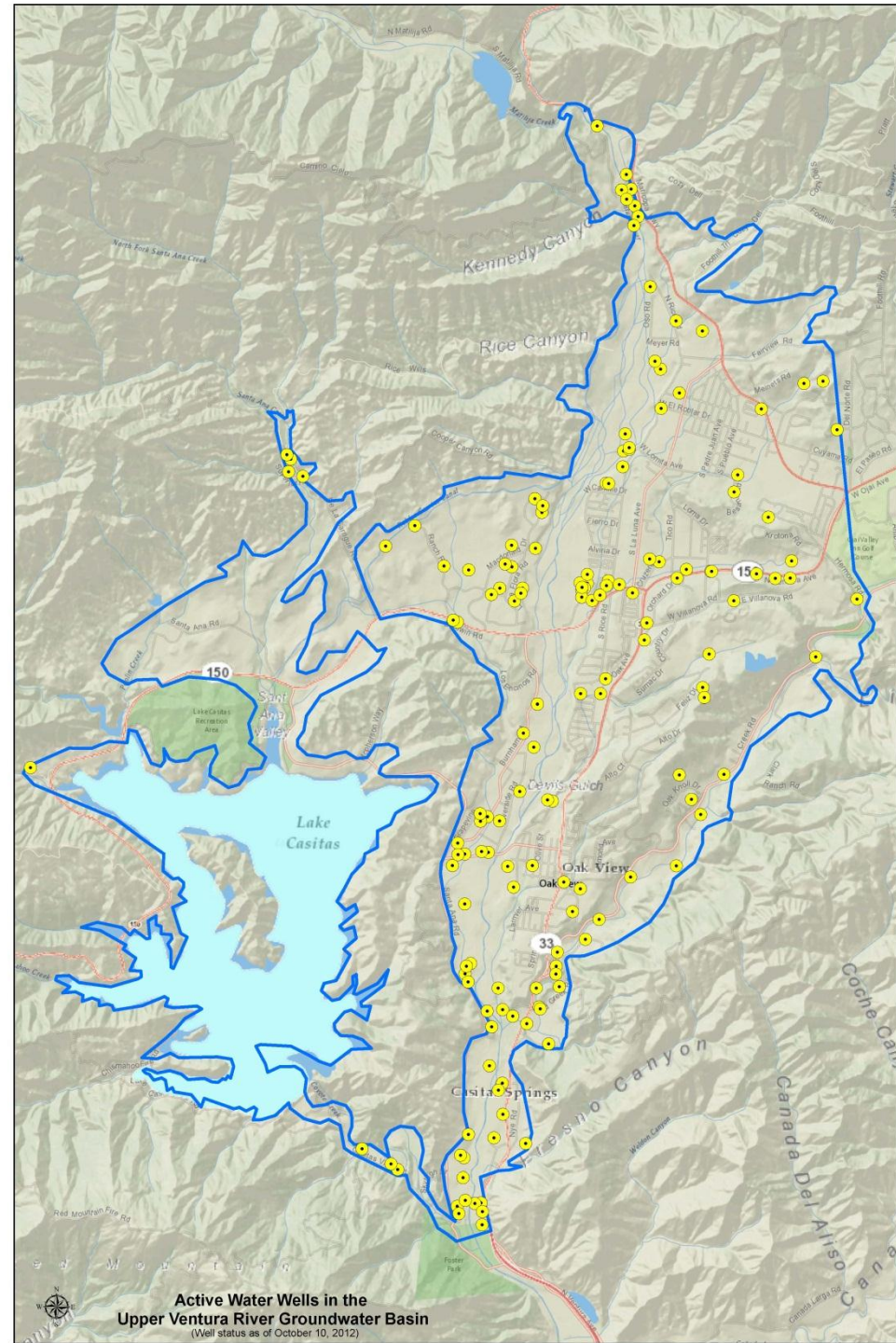
Groundwater Basins

Upper Ventura River Basin

River Basin

Important urban & ag water supply source.

Extractions unmonitored (except municipal) & unmanaged.



Groundwater Basins

Lower Ventura River Basin

Connected to estuary.

Upper alluvial part connects to Ventura River.

Potential for sea water intrusion.

Other water quality issues.

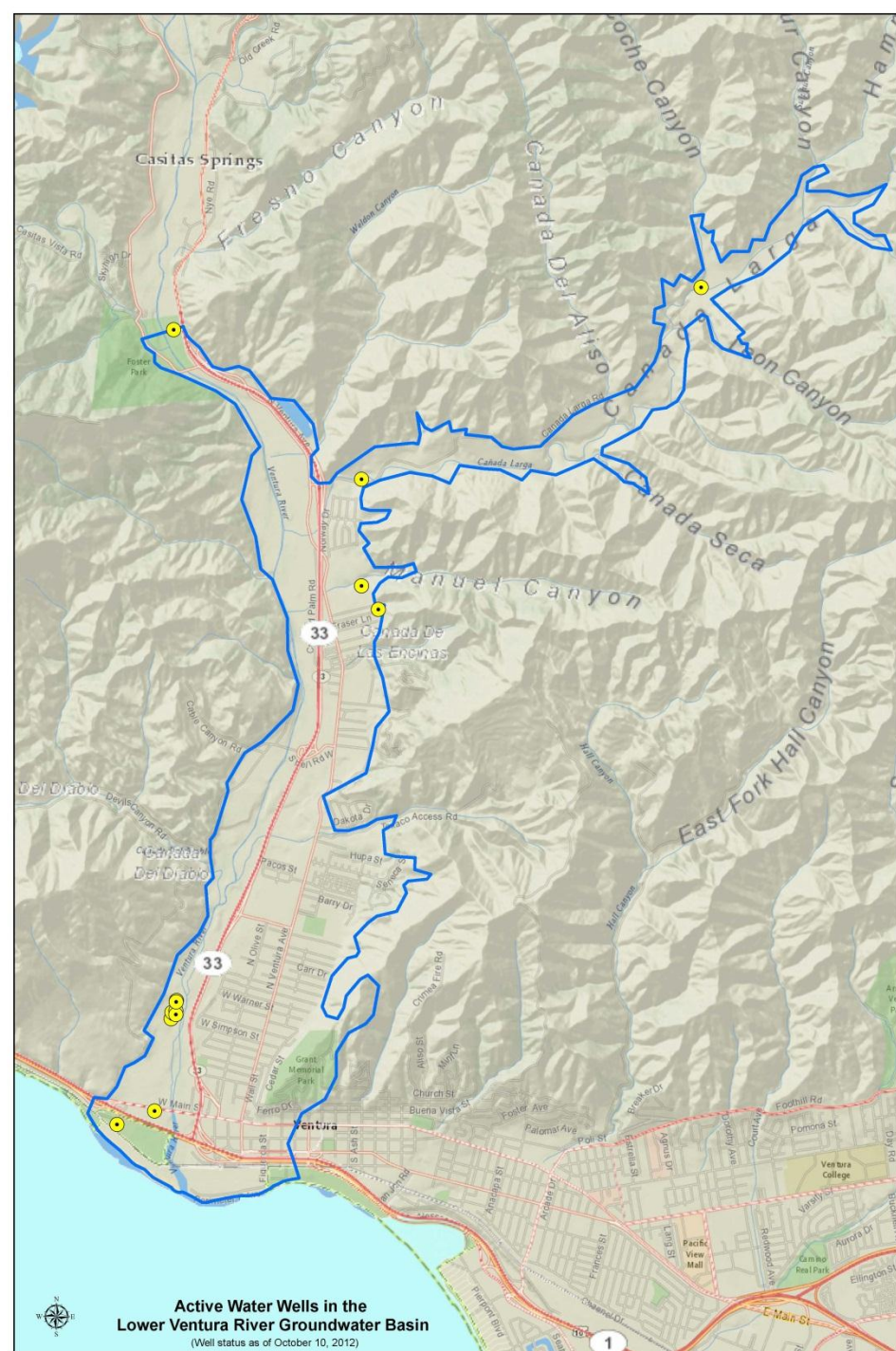


Groundwater Basins

Lower Ventura River Basin

Used mostly by ag.

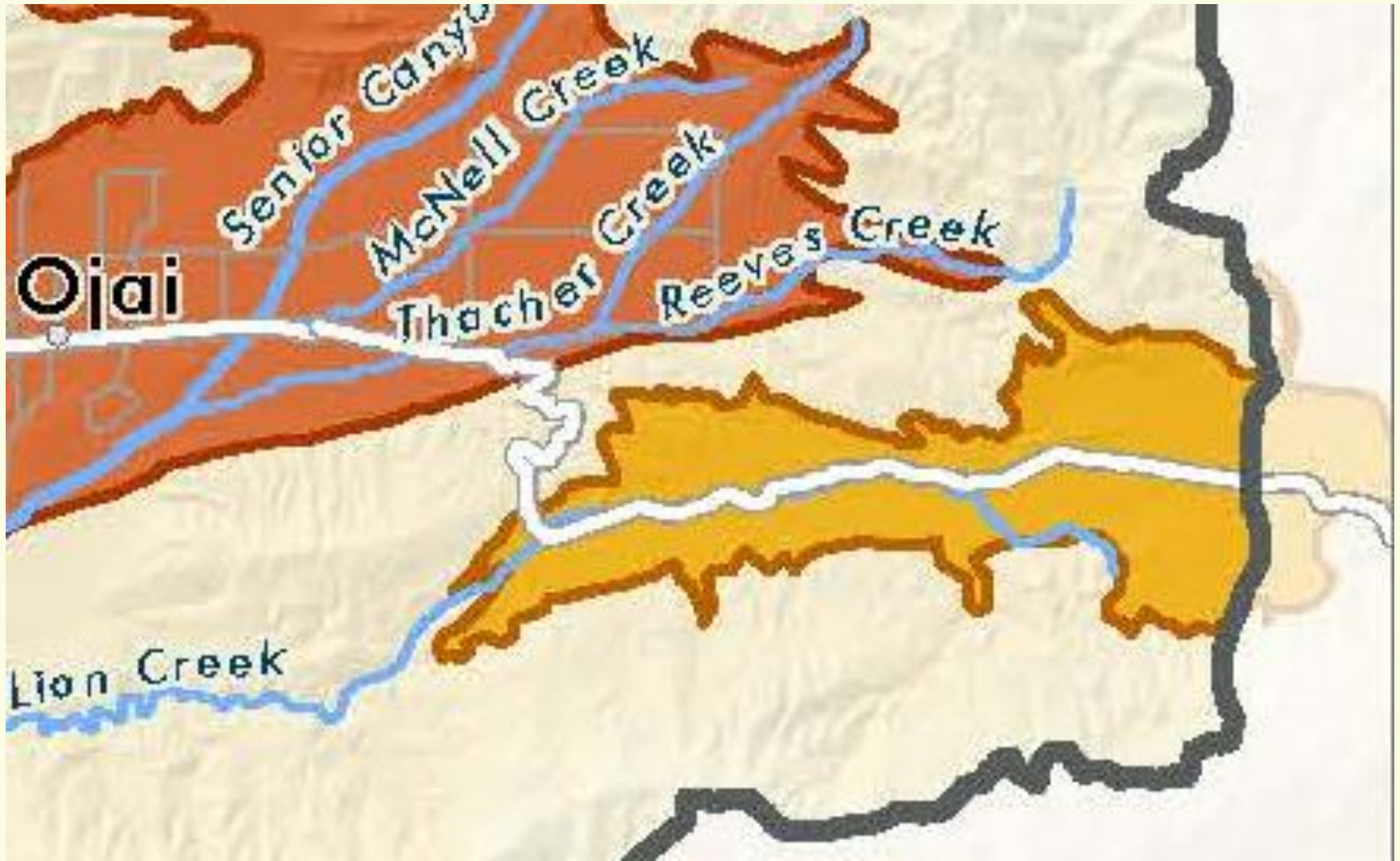
Extractions unmonitored & unmanaged.



Groundwater Basins

Upper Ojai Basin

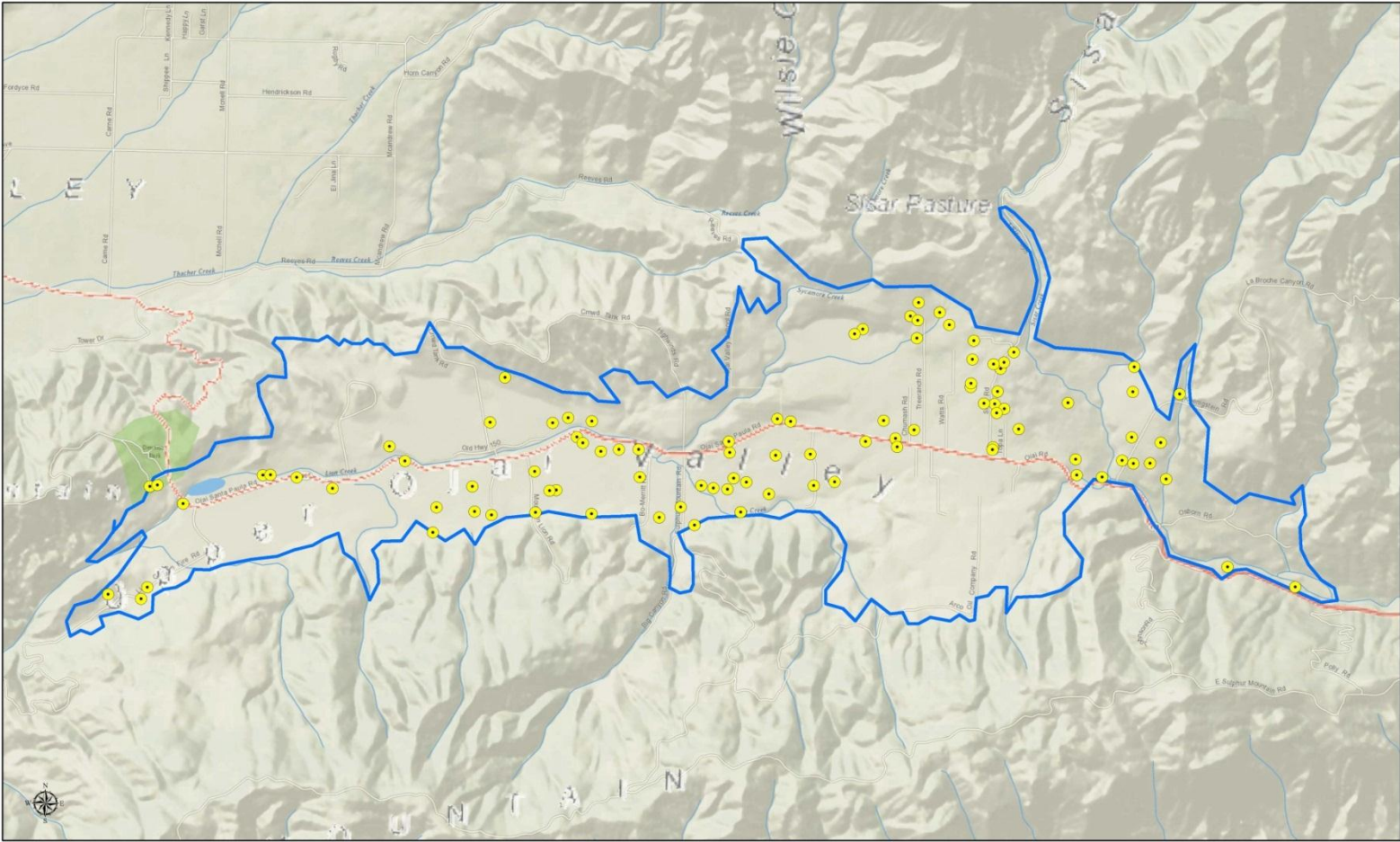
Straddles the divide between watersheds.
Like a bowl.



Groundwater Basins

Upper Ojai Basin

Used by ag and residential.
Extractions unmonitored
& unmanaged.



Legend

- Upper Ojai Groundwater Basin
- Active Wells

Active Water Wells in the Upper Ojai Groundwater Basin

(Well status as of October 10, 2012)

0 2,000 4,000 Feet

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Major Urban Water Suppliers (5)

Casitas Municipal Water District

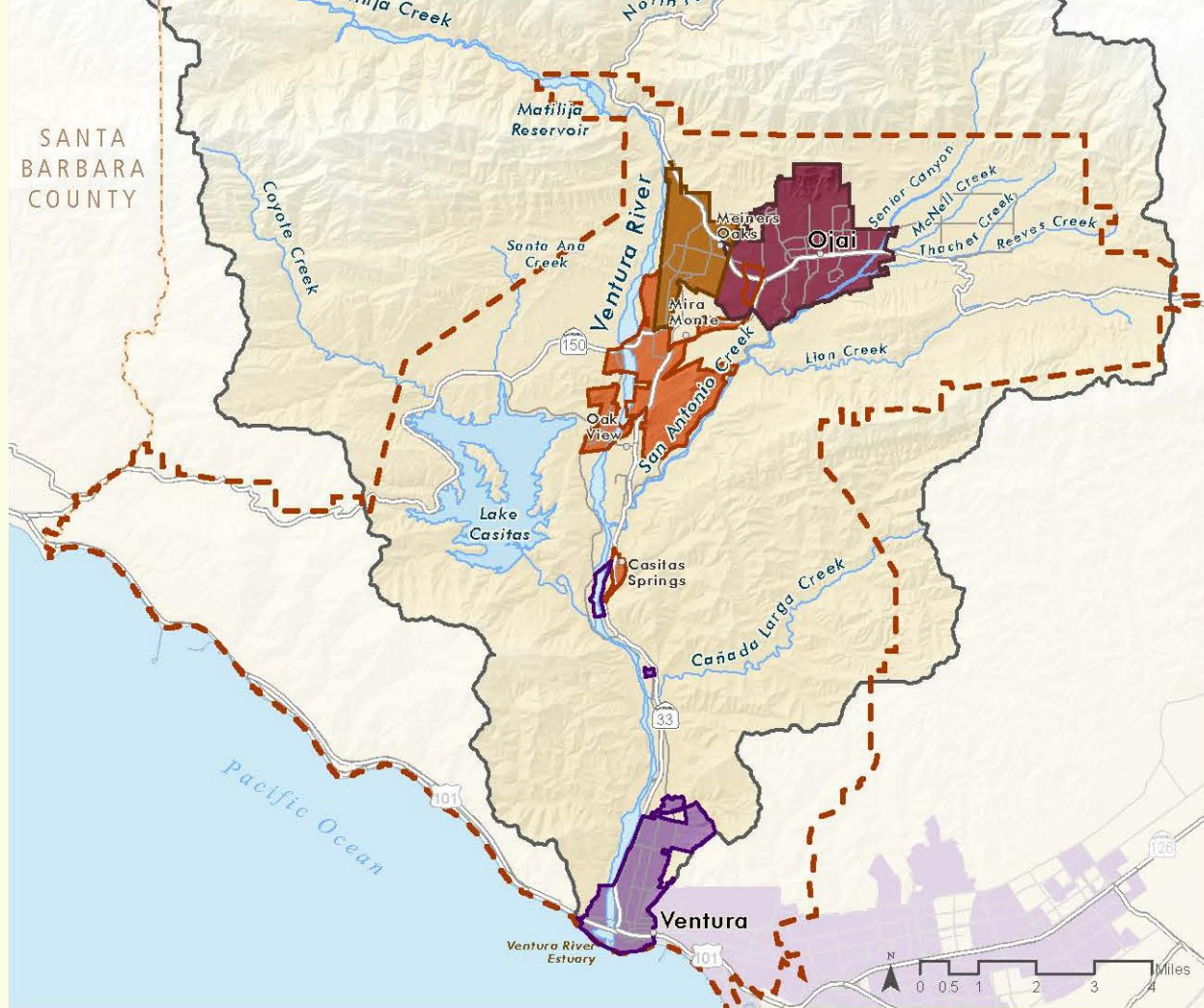
Ventura Water (City of Ventura)

Golden State Water Company

Ventura River County Water District

Meiners Oaks Water District

Main Urban Water Suppliers



Major Urban Water Suppliers

-  Ventura River Watershed
-  Meiners Oaks Water District
-  Casitas Municipal Water District
-  Golden State Water Company
-  Ventura Water
-  Ventura River County Water District



Data Source:
 Urban Water Suppliers:
 Ventura County Watershed Protection District
 Casitas Municipal Water District
 Ventura County LAFCO

Map Created by GreenInfo Network using Esri software
 April 2013 www.greeninfo.org

Mutual Water Companies (11)

Owned in common by shareholders/customers

Casitas Mutual Water Company

Gridley Road Water Group

Hermitage Mutual Water Company

North Fork Springs Mutual Water Company

Old Creek Road Mutual Water Company

Rancho Matilija Mutual Water Company

Rancho del Cielo Mutual Water Company

Senior Canyon Mutual Water Company

Siete Robles Mutual Water Company

Sisar Mutual Water Company

Tico Mutual Water Company

Other Water Companies

Private Water Companies (8)

Public Water Purveyors (county parks/facilities) (3)

Other Water Management Orgs.

Ojai Basin Groundwater Management Agency (OBGMA)

Monitors the quality and quantity of groundwater to protect and maintain the long-term water supply for all the water users in the Basin. Formed by legislation in 1991.

Ojai Water Conservation District

Monitors the recharge of groundwater in the Ojai Valley area. Authorized to monitor the use of groundwater, acquire water rights, store/spread water, and construct dams or other water facilities. Within OBGMA's service area.

