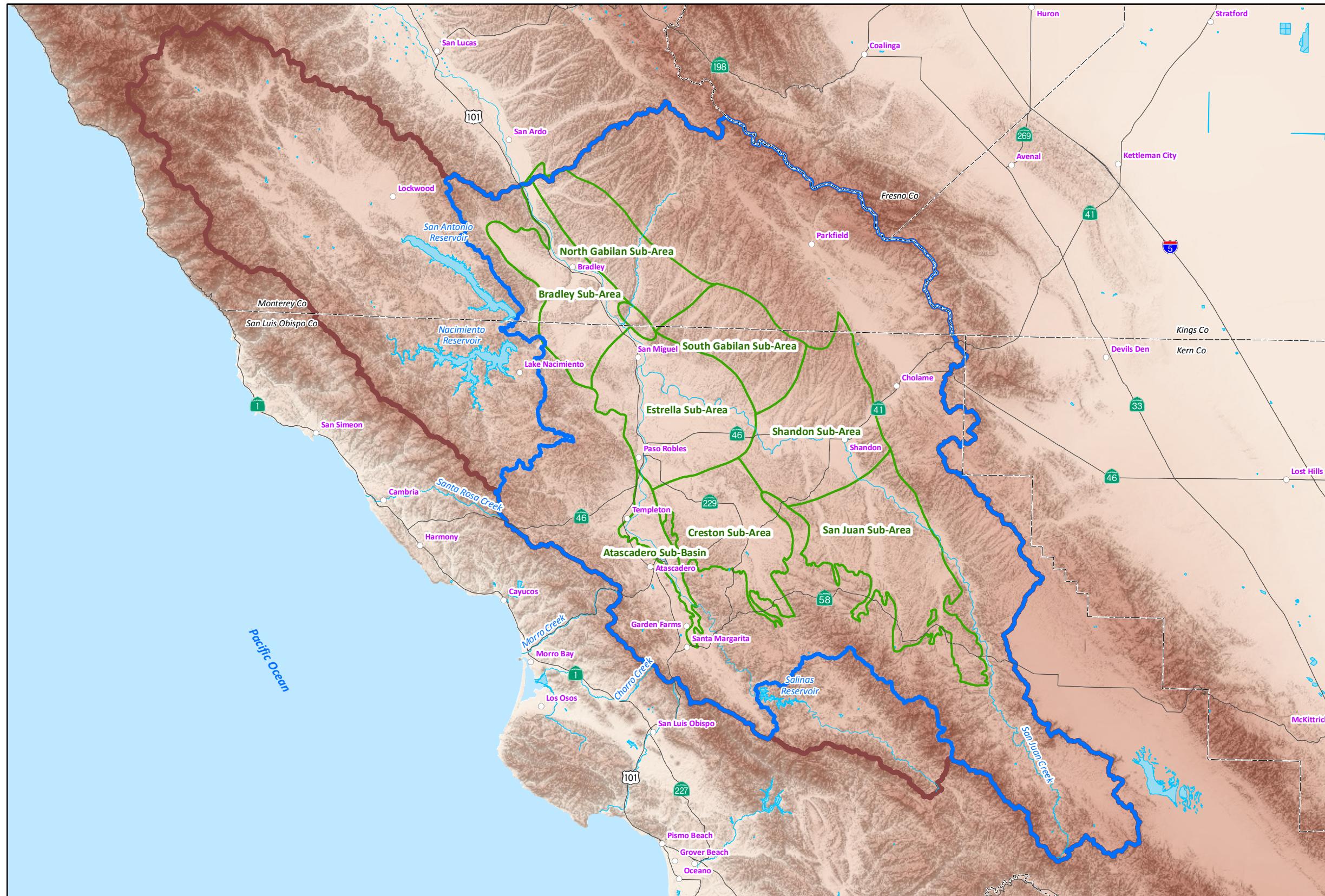


FIGURES

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

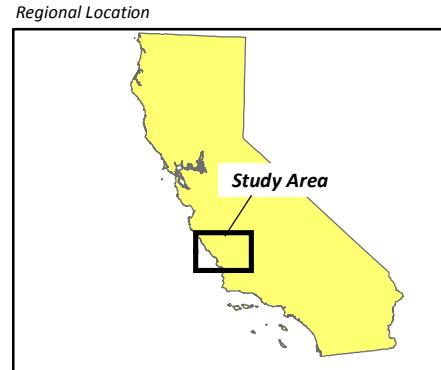
PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

PROJECT LOCATION



EXPLANATION

- Paso Robles Groundwater Basin Boundary with Sub-Areas (Source: Fugro and Cleath, 2002)
- Paso Robles Area Watershed Model Boundary
- Paso Robles Area Watershed Boundary
- County Boundary



19-Dec-14

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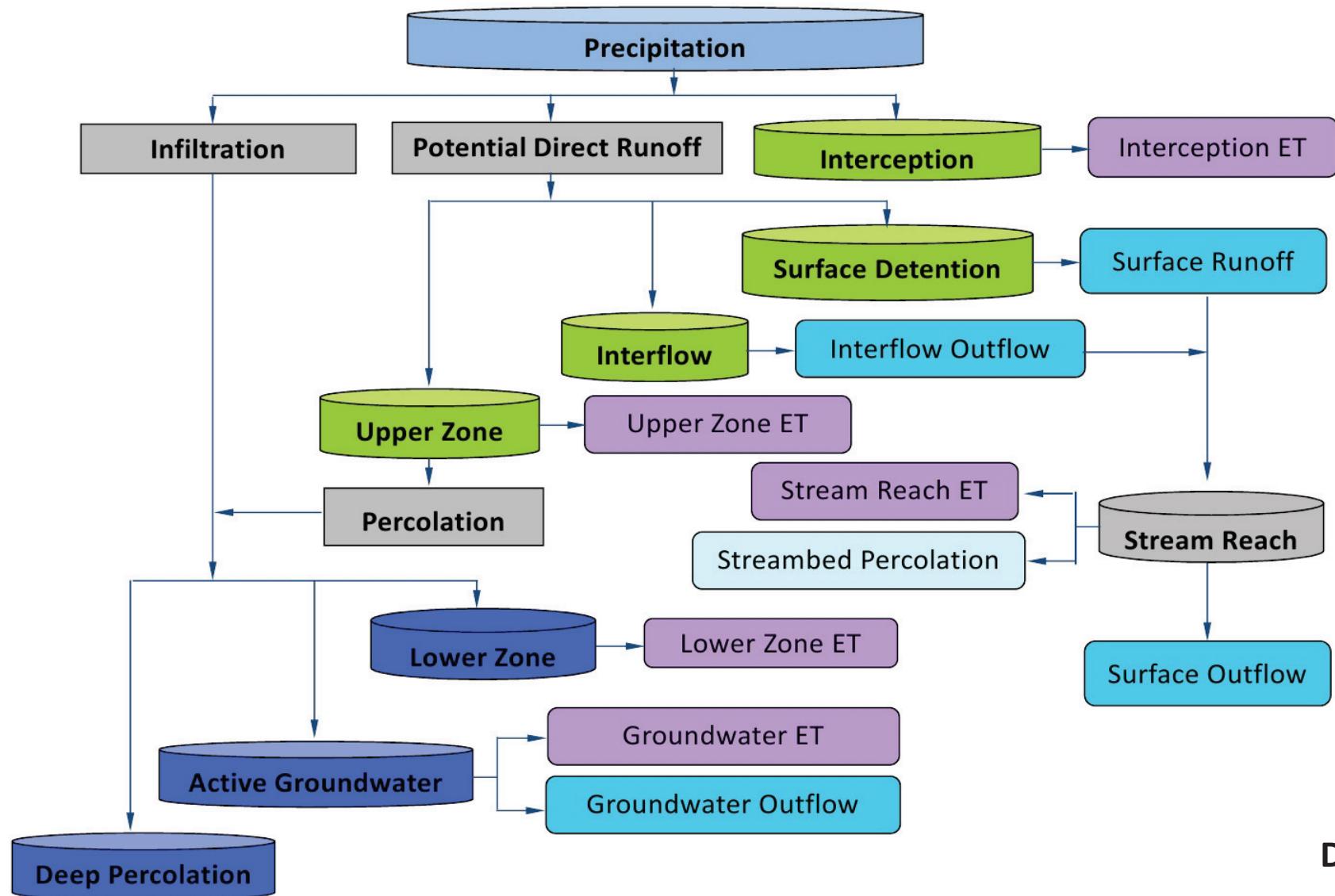
0 5 10 20 Miles
NORTH

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Figure 1



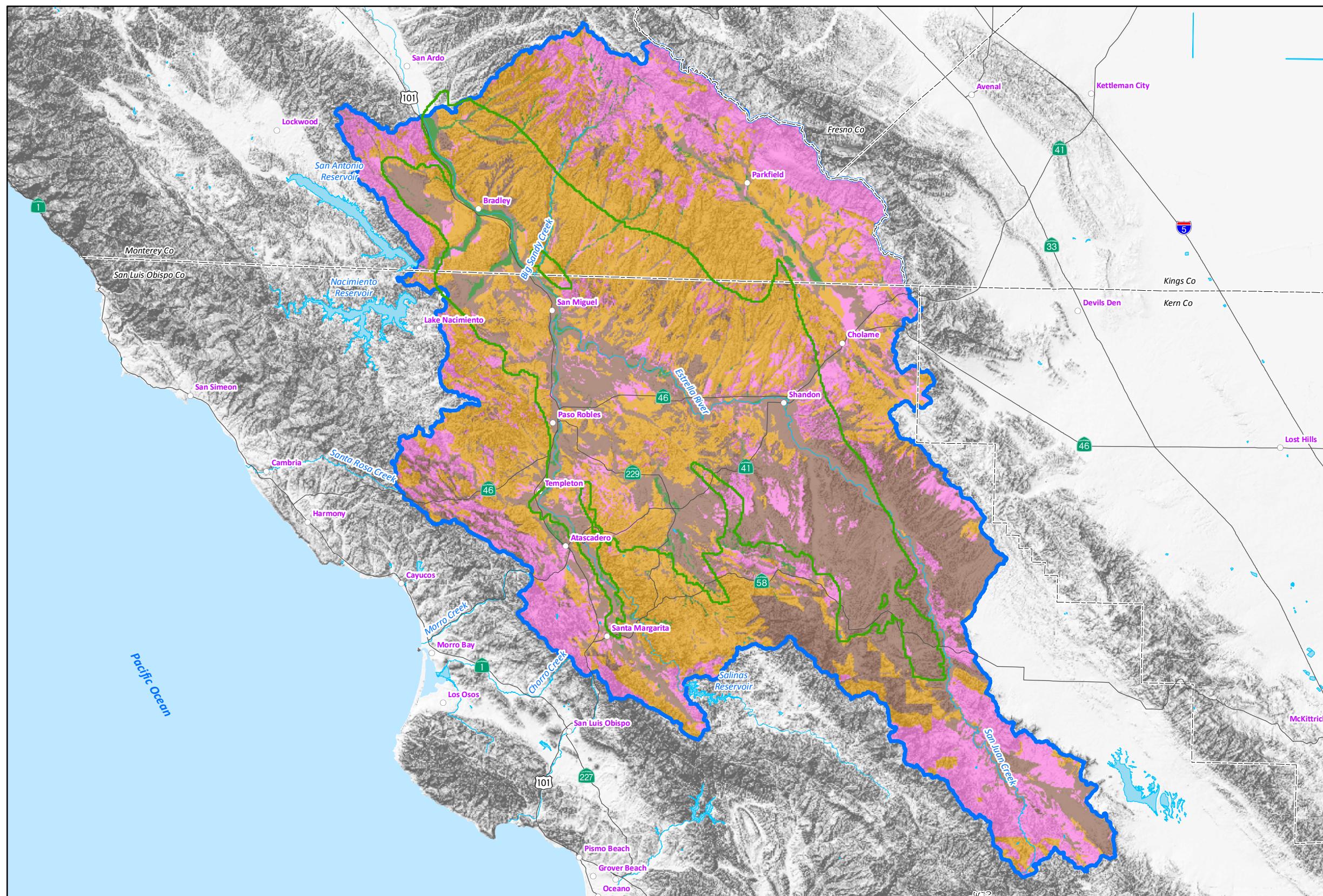
DRAFT

HSPF Diagram

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

**HYDROLOGIC SOIL TYPES
IN THE PASO ROBLES
AREA WATERSHED**



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0 5 10 20 Miles

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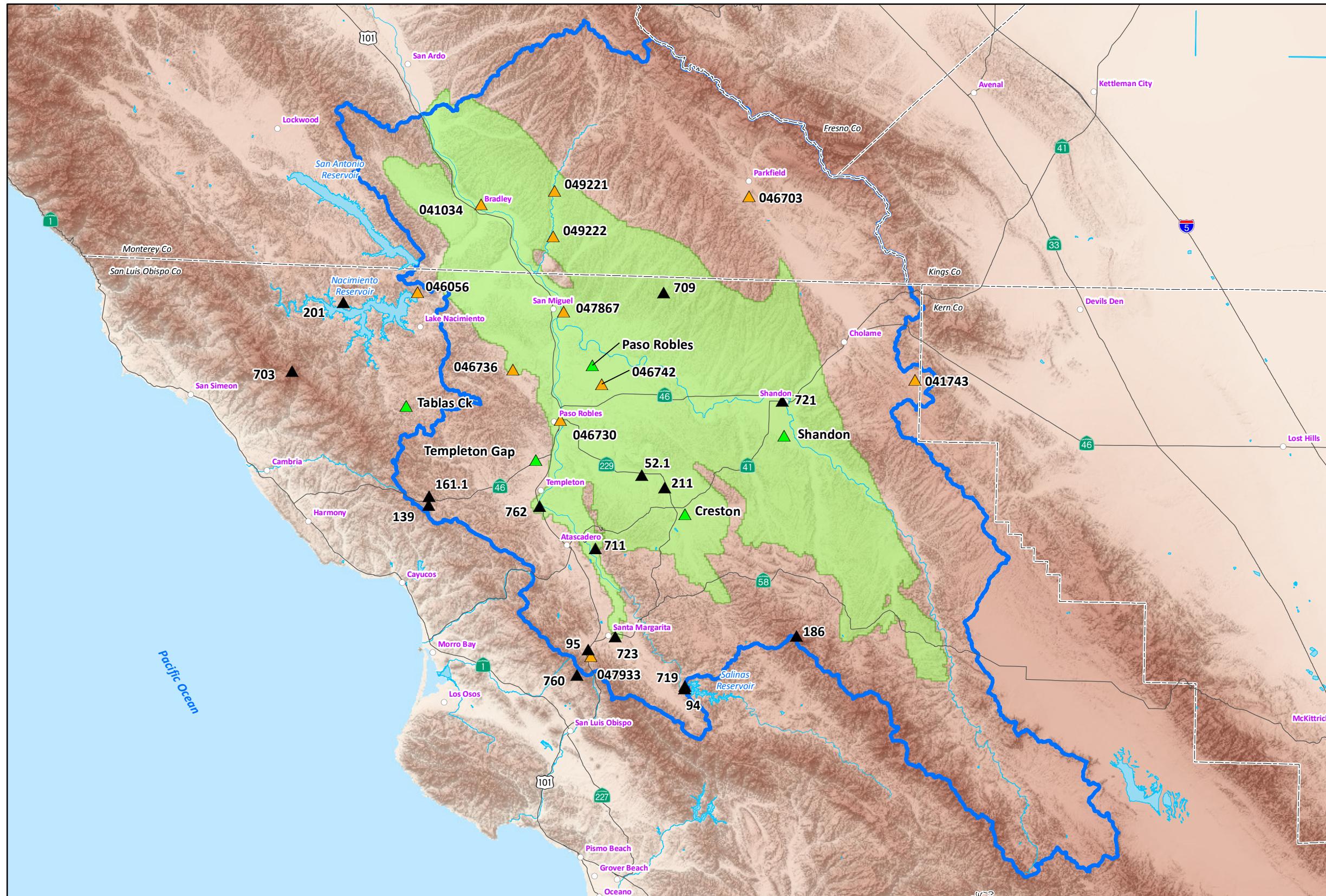
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Figure 3

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

PRECIPITATION STATION LOCATIONS



EXPLANATION

- Precipitation Station
 - ▲ SLOFCWCD
 - ▲ NOAA
 - ▲ Western Water Group

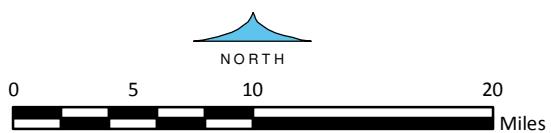
Paso Robles Groundwater Basin Model Active Area (Source: Fugro, ETIC Engineers and Cleath, 2005)

Paso Robles Area Watershed Boundary

County Boundary

19-Dec-14

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GIS_proj/co_slo_paso_robles_model/6_Fig_4_Precip_stn_locs_12-14.mxd

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Figure 4

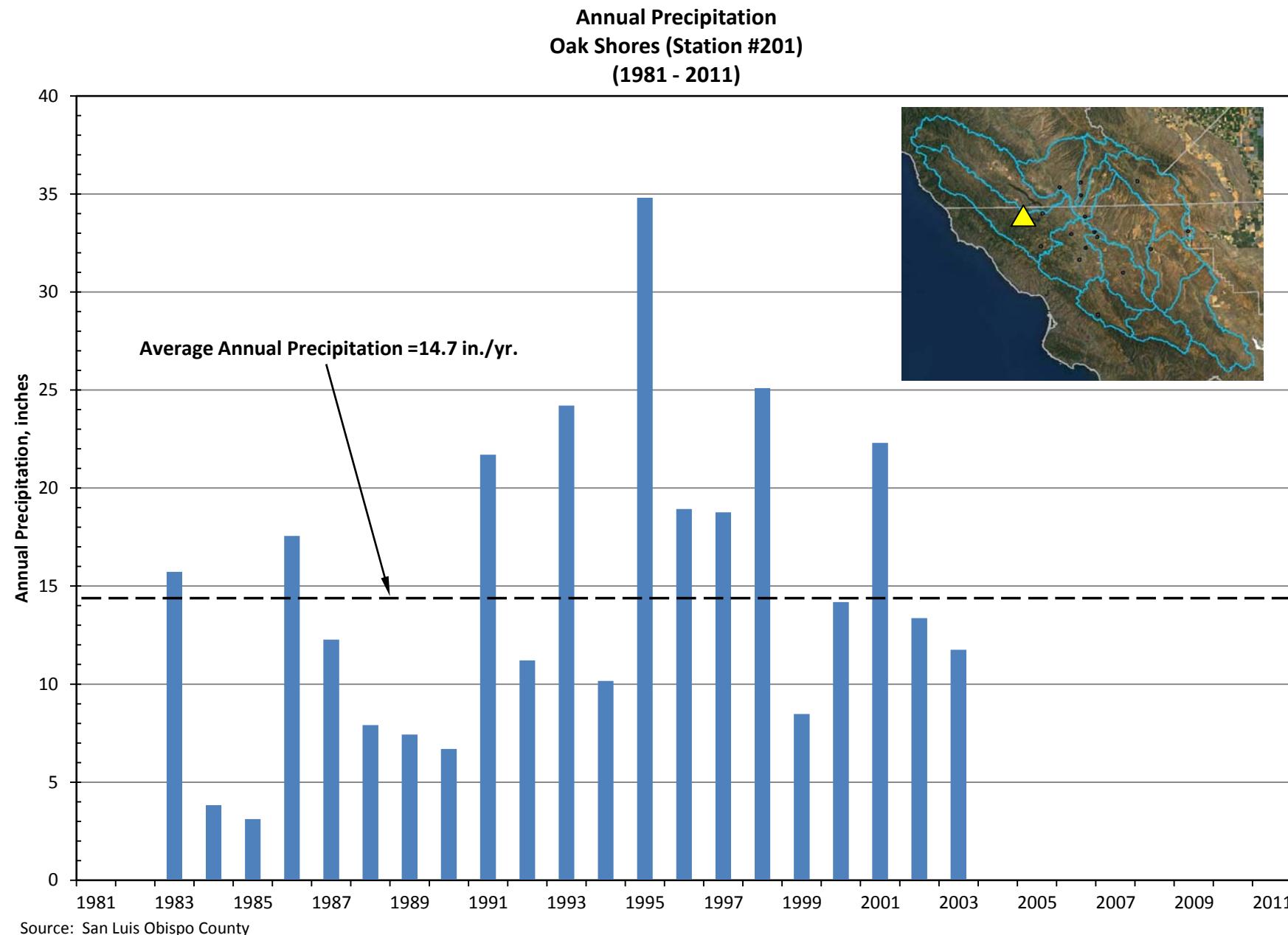


Figure 5

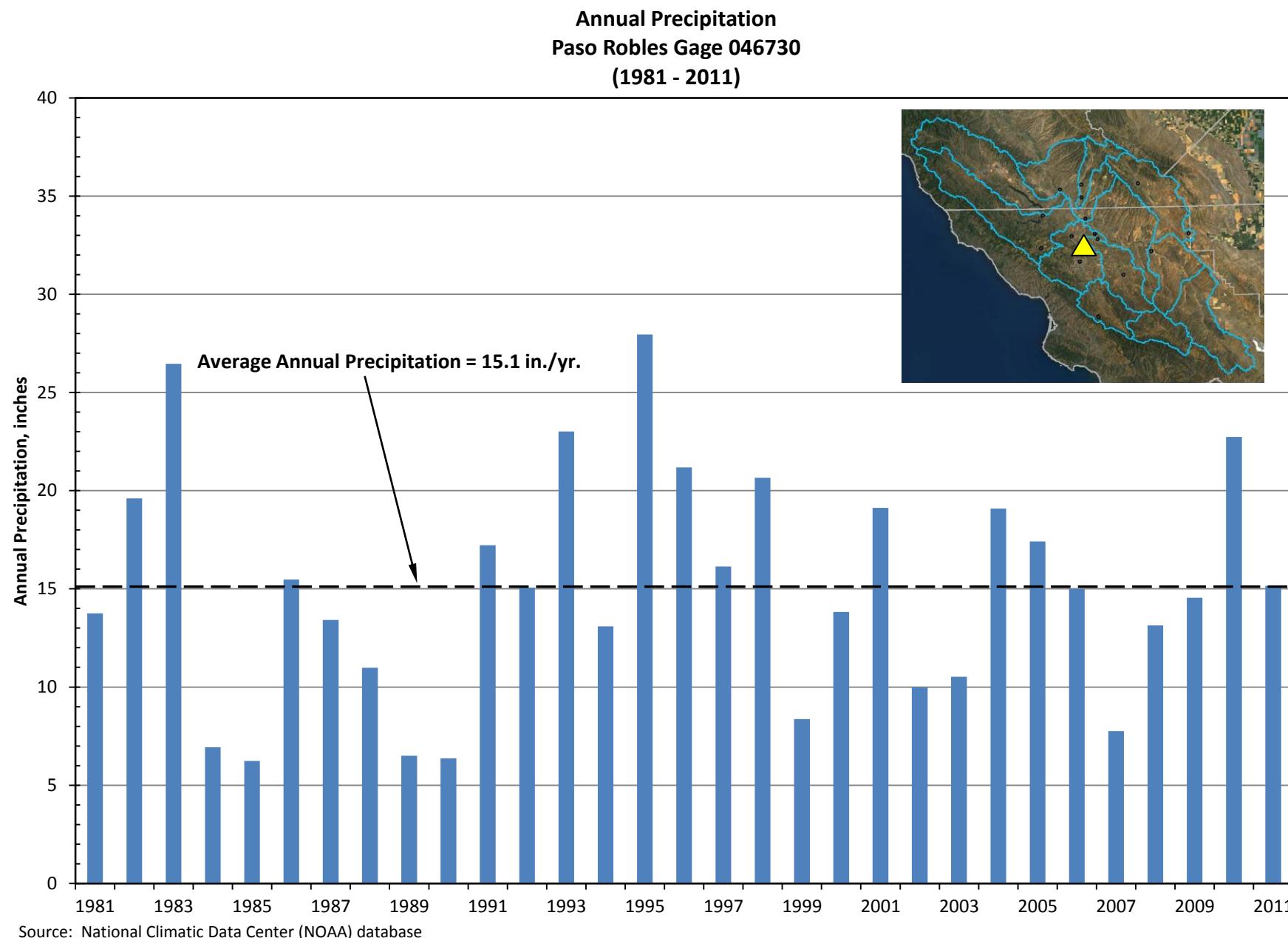
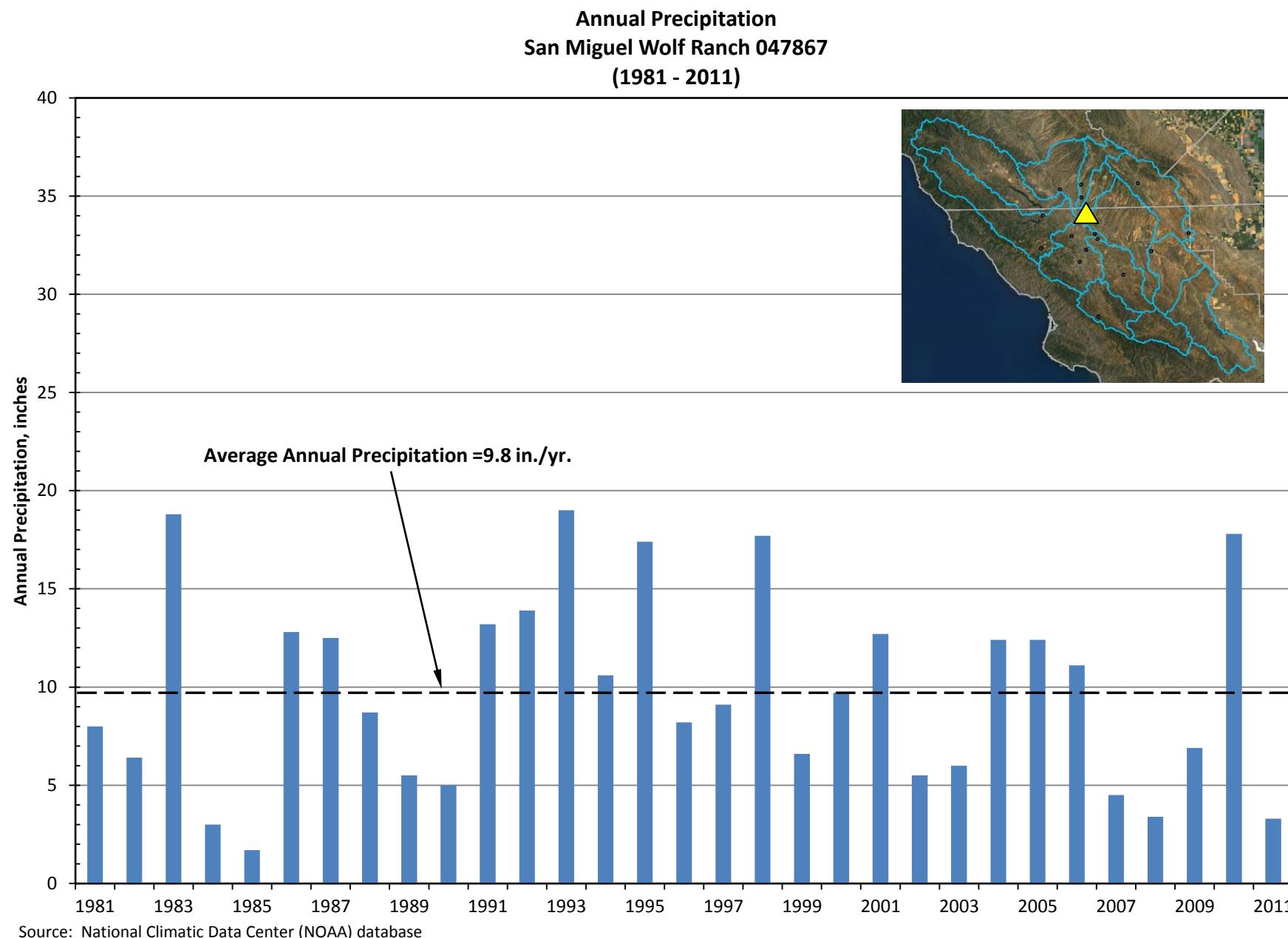


Figure 6



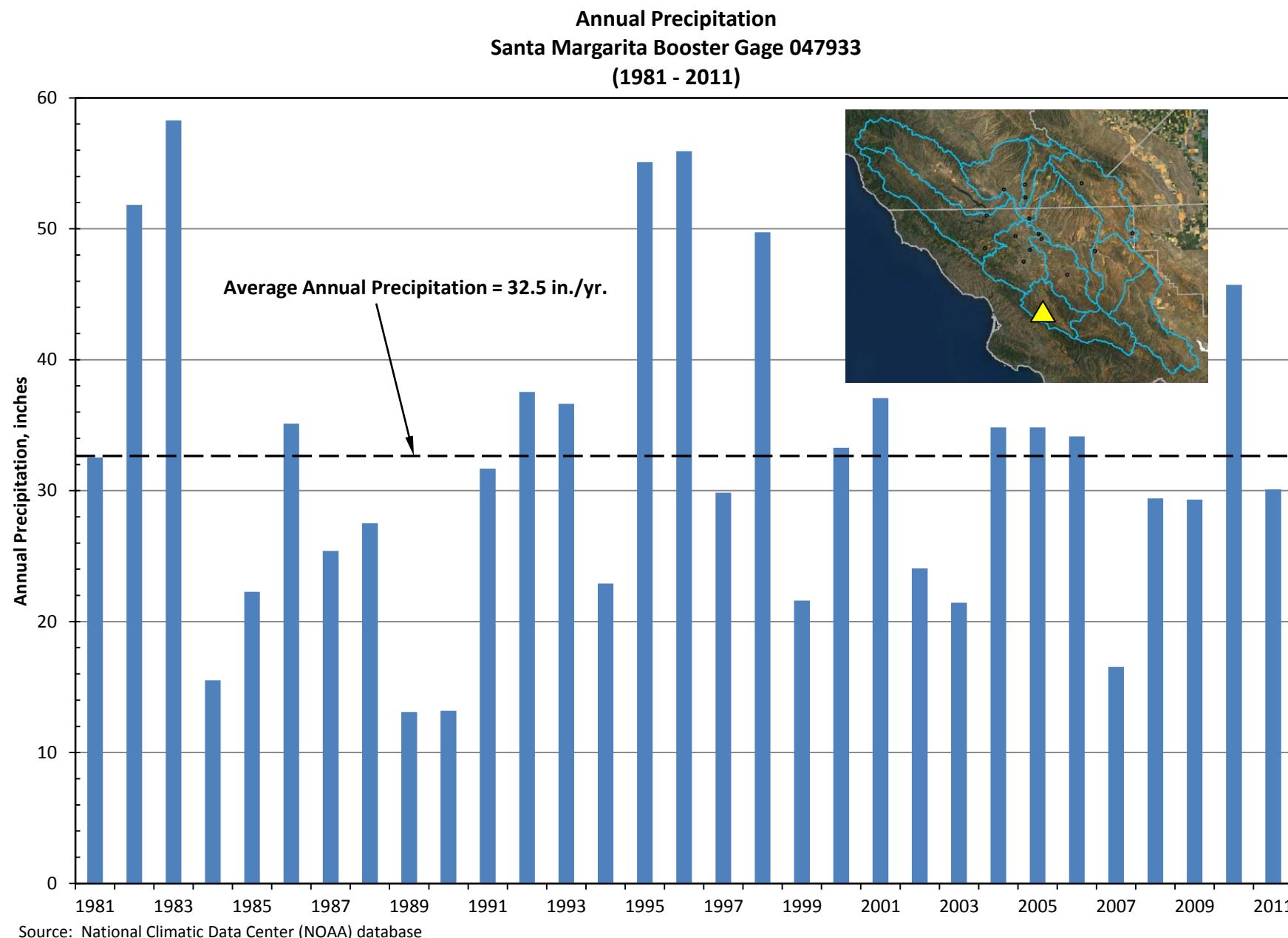
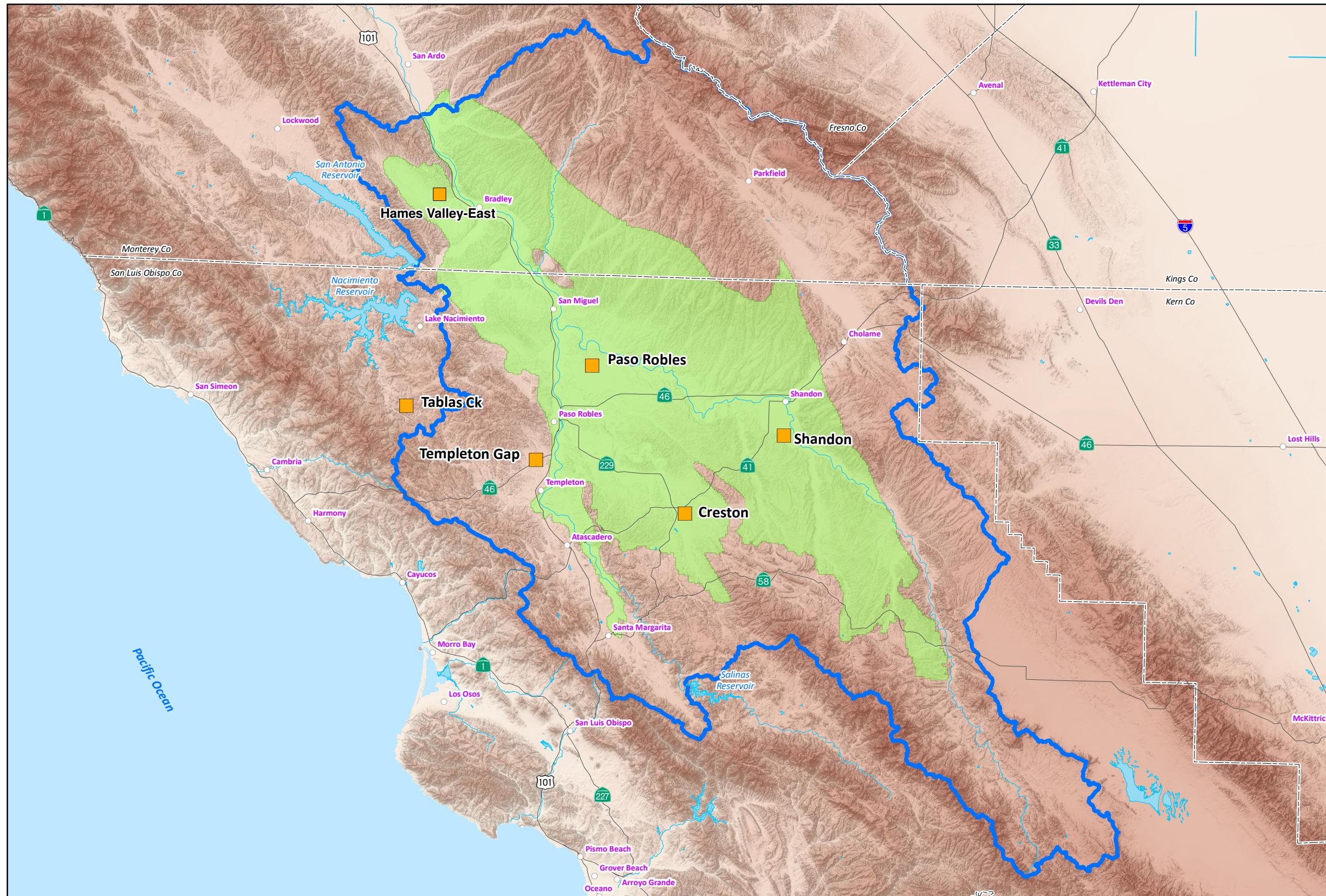


Figure 8

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

EVAPOTRANSPIRATION
STATION
LOCATIONS



EXPLANATION

Evapotranspiration Station
(Source: Western Water Group, 2012)

Paso Robles Groundwater
Basin Model Active Area
(Source: Fugro,
ETIC Engineers and
Cleath, 2005)

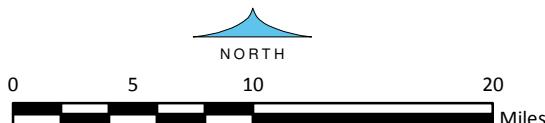
Paso Robles Area
Watershed Boundary

County Boundary

19-Dec-14

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Figure 9

**Historical (Daily) Evapotranspiration
Paso Robles (2005 - 2012)**

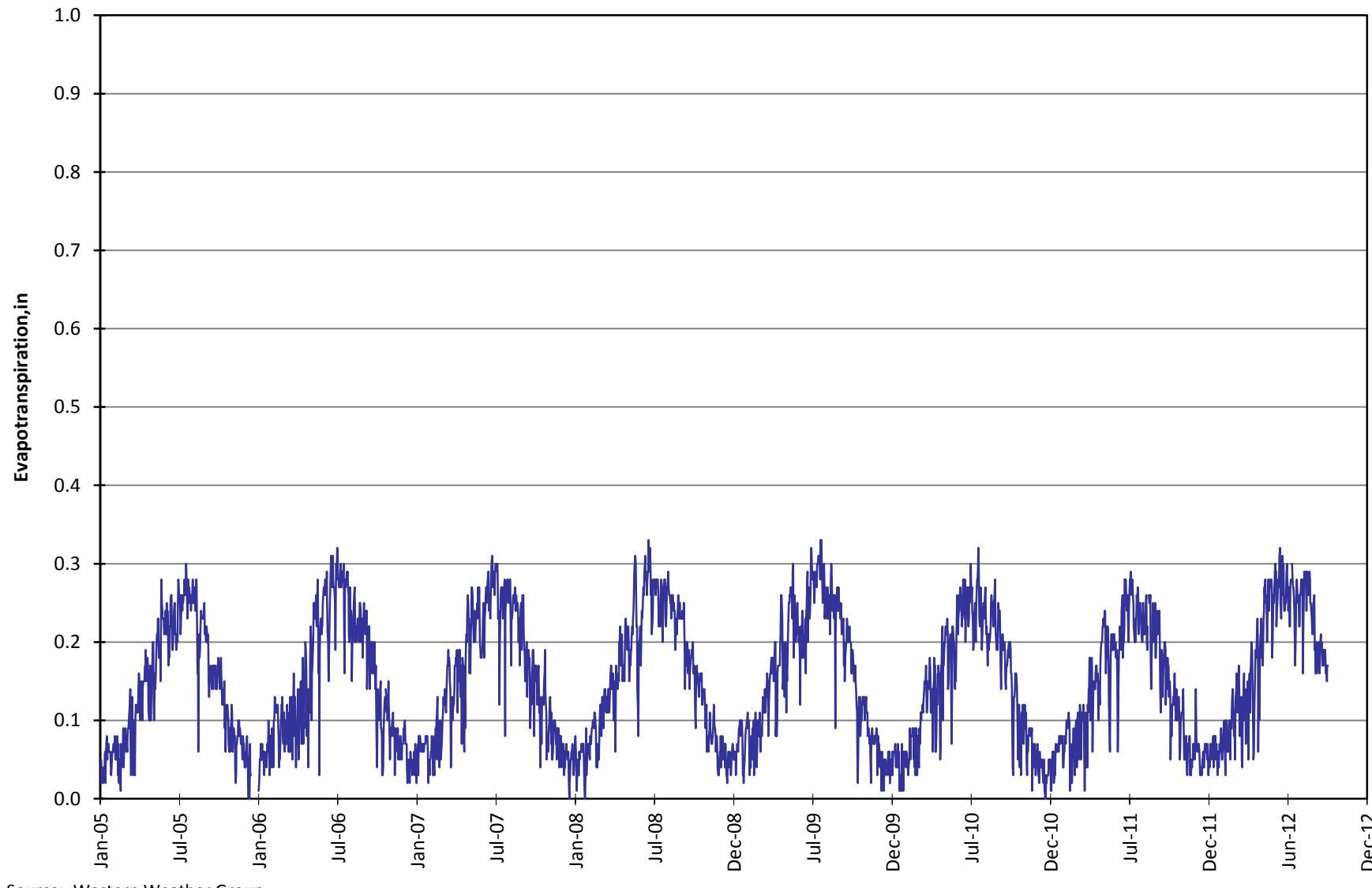
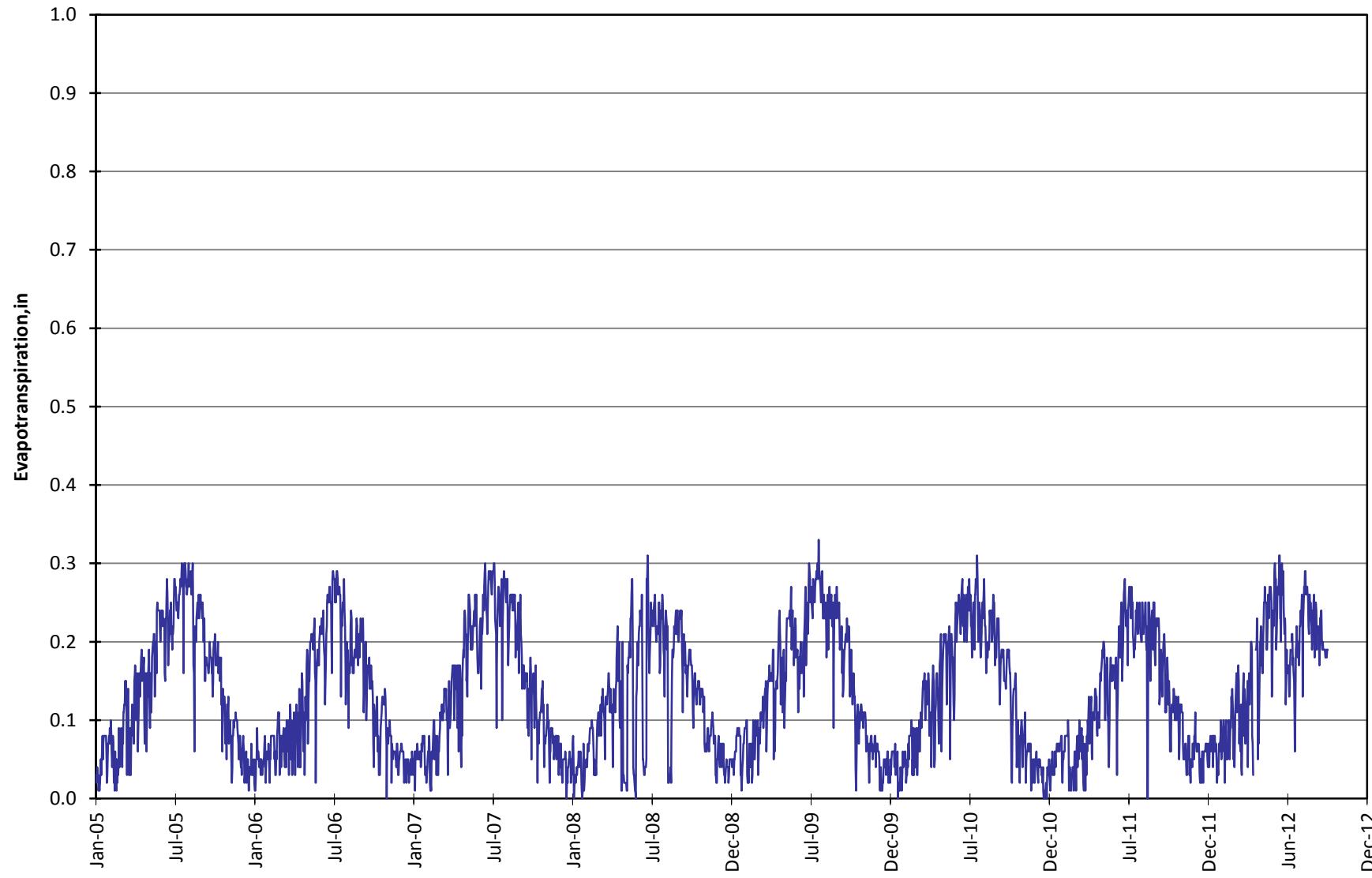


Figure 10

**Historical (Daily) Evapotranspiration
Tablas Creek (2005 - 2012)**



Source: Western Weather Group

19-Dec-14

**Historical (Daily) Evapotranspiration
Shandon (2005 - 2012)**

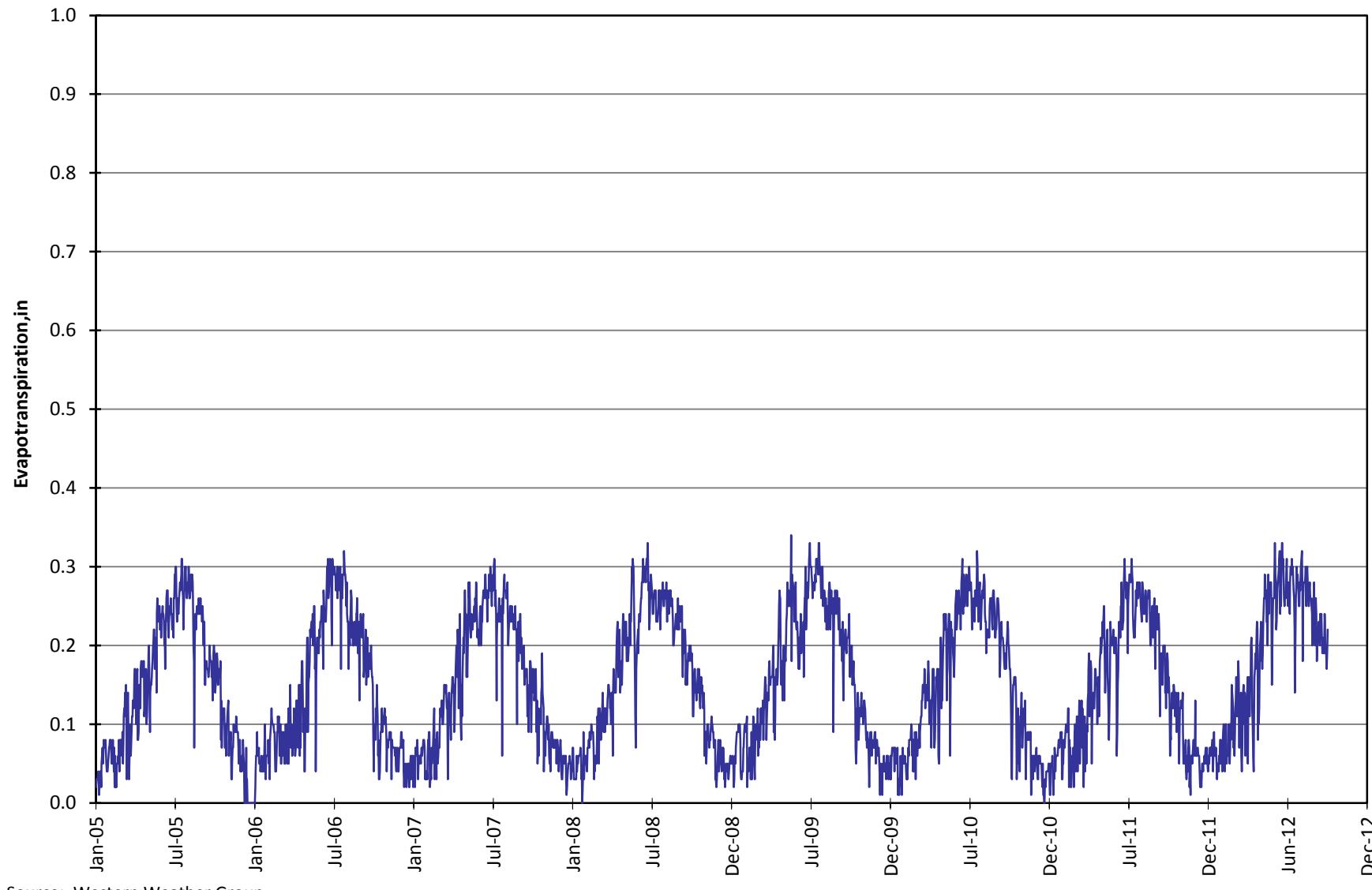
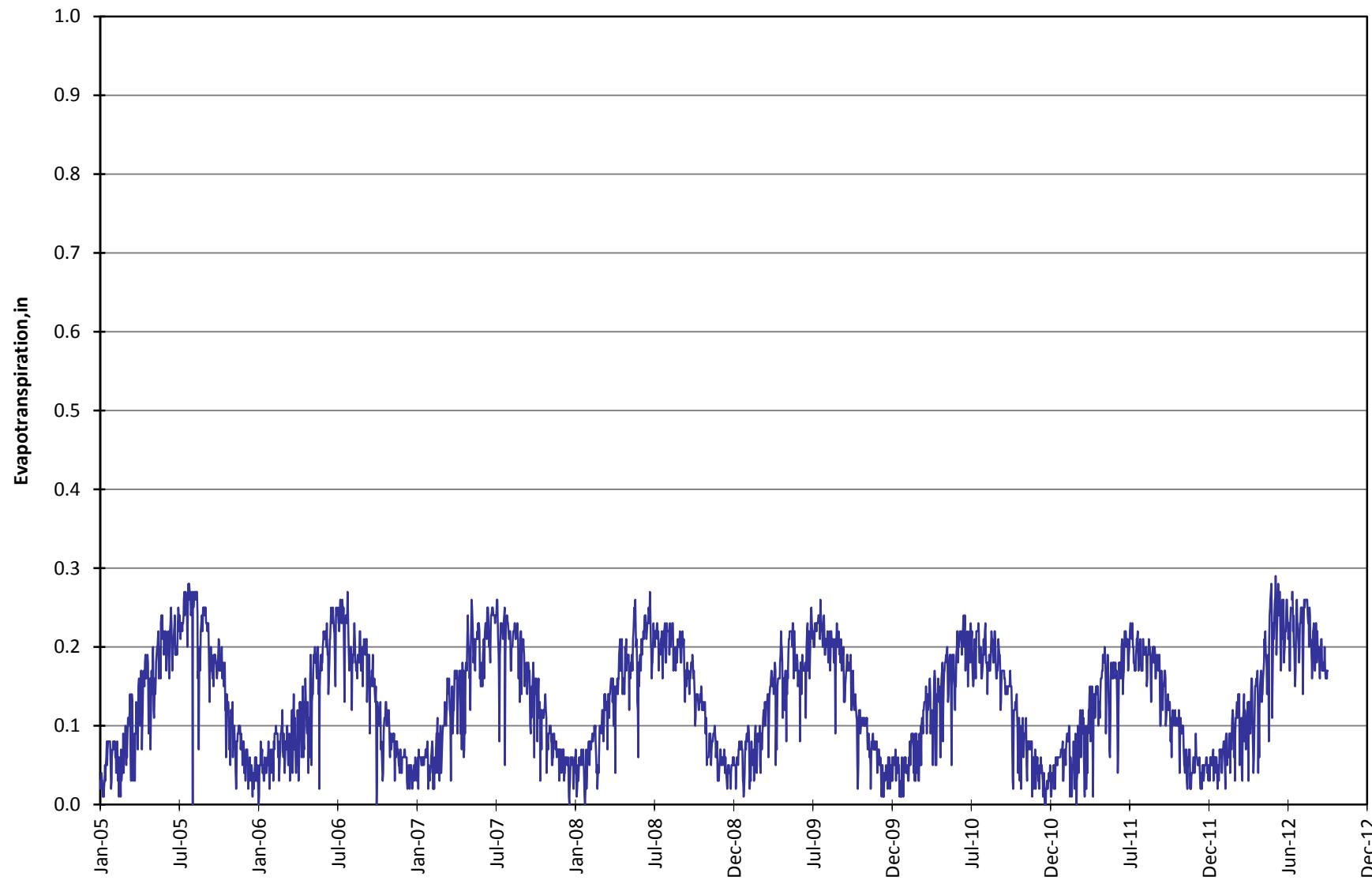


Figure 12

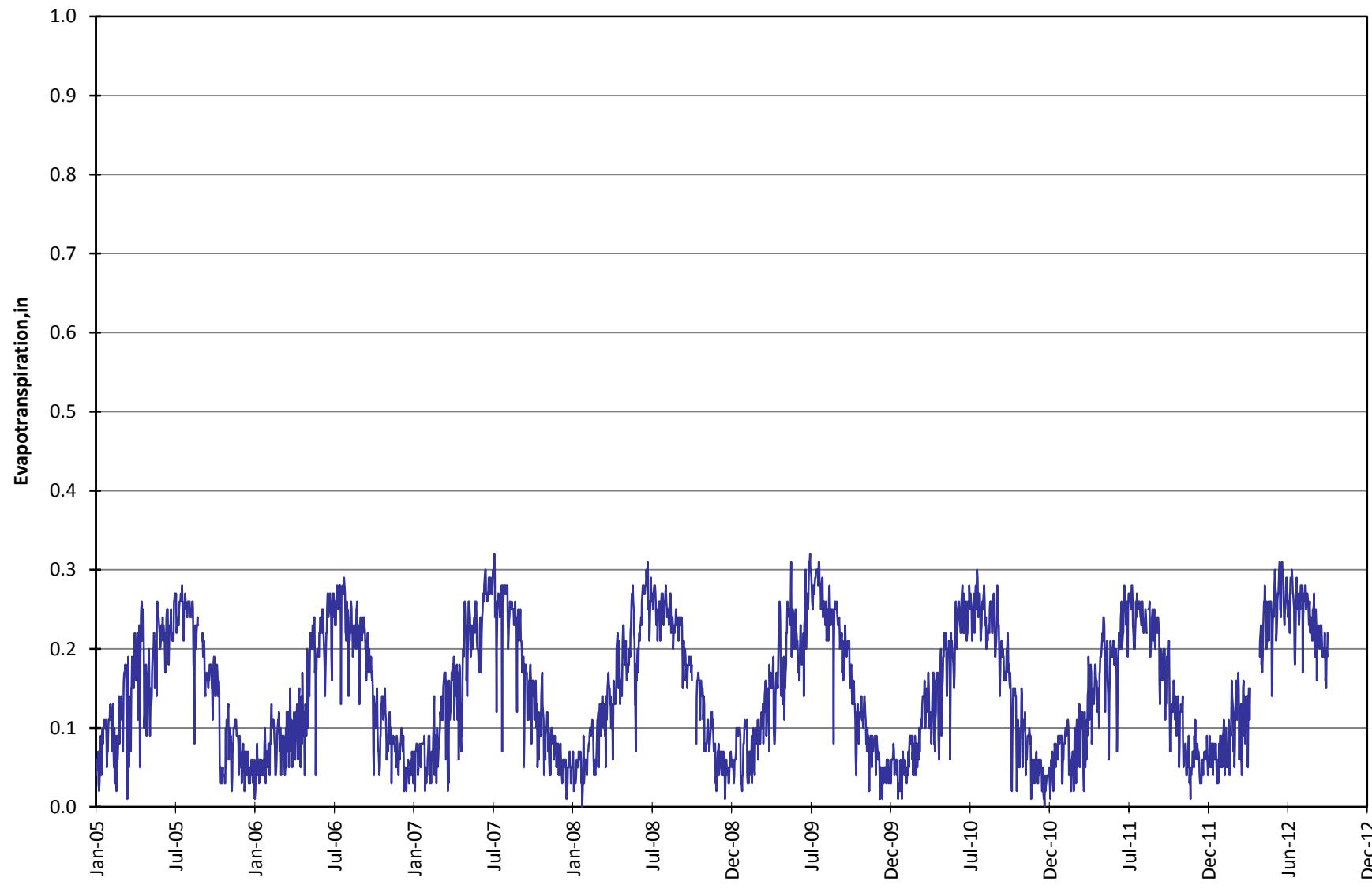
**Historical (Daily) Evapotranspiration
Templeton Gap (2005 - 2012)**



Source: Western Weather Group

19-Dec-14

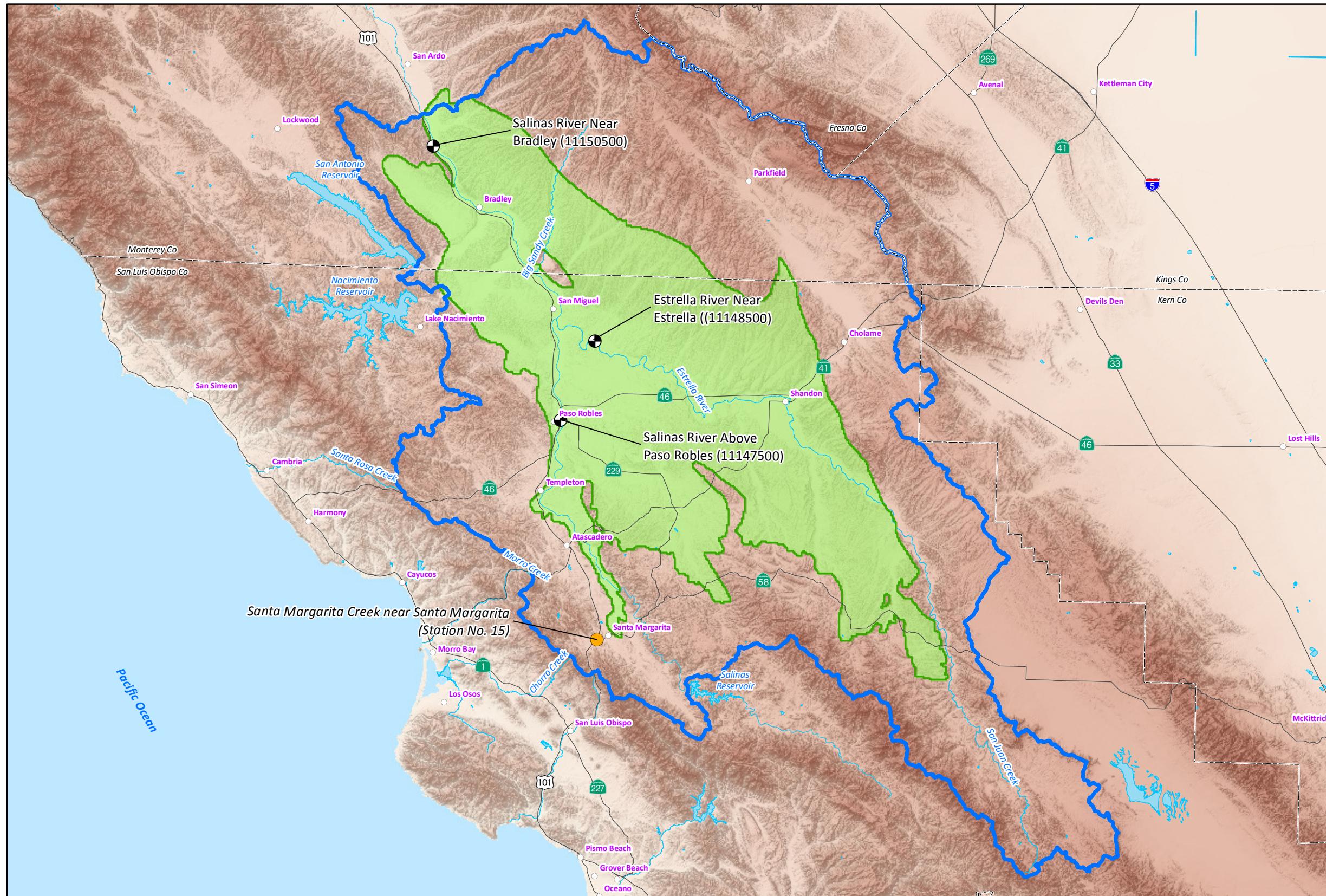
**Historical (Daily) Evapotranspiration
Creston (2005 - 2012)**



SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

**STREAM GAGING
STATIONS USED FOR
WATERSHED MODEL
CALIBRATION**



EXPLANATION

- USGS Gaging Station
- SLOFC&WCD Gaging Station
- Paso Robles Groundwater Basin Model Active Area (Source: Fugro, ETIC Engineers and Cleath, 2005)
- Paso Robles Area Watershed Boundary
- - - County Boundary

19-Dec-14

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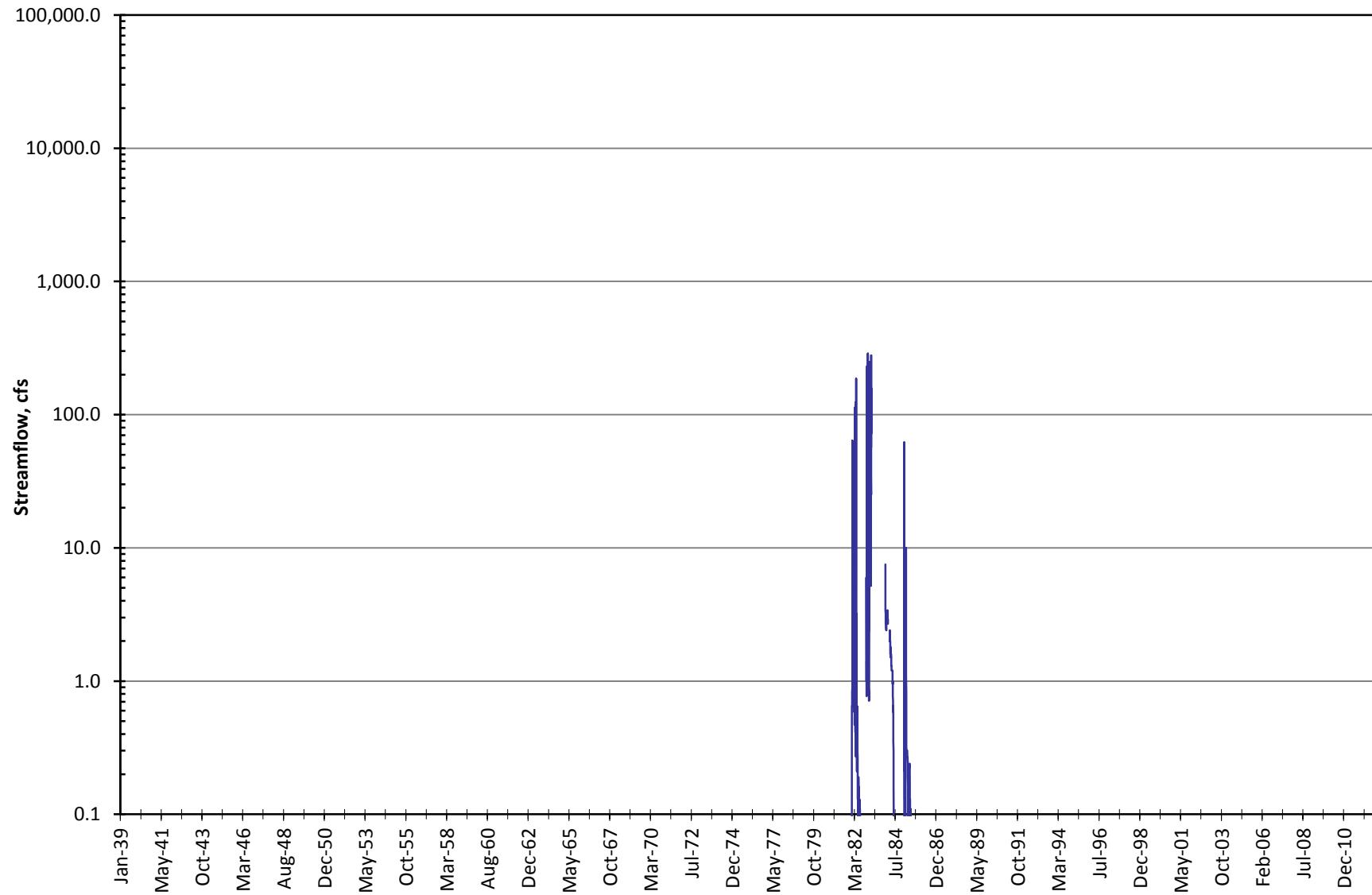
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NORTH

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Figure 15

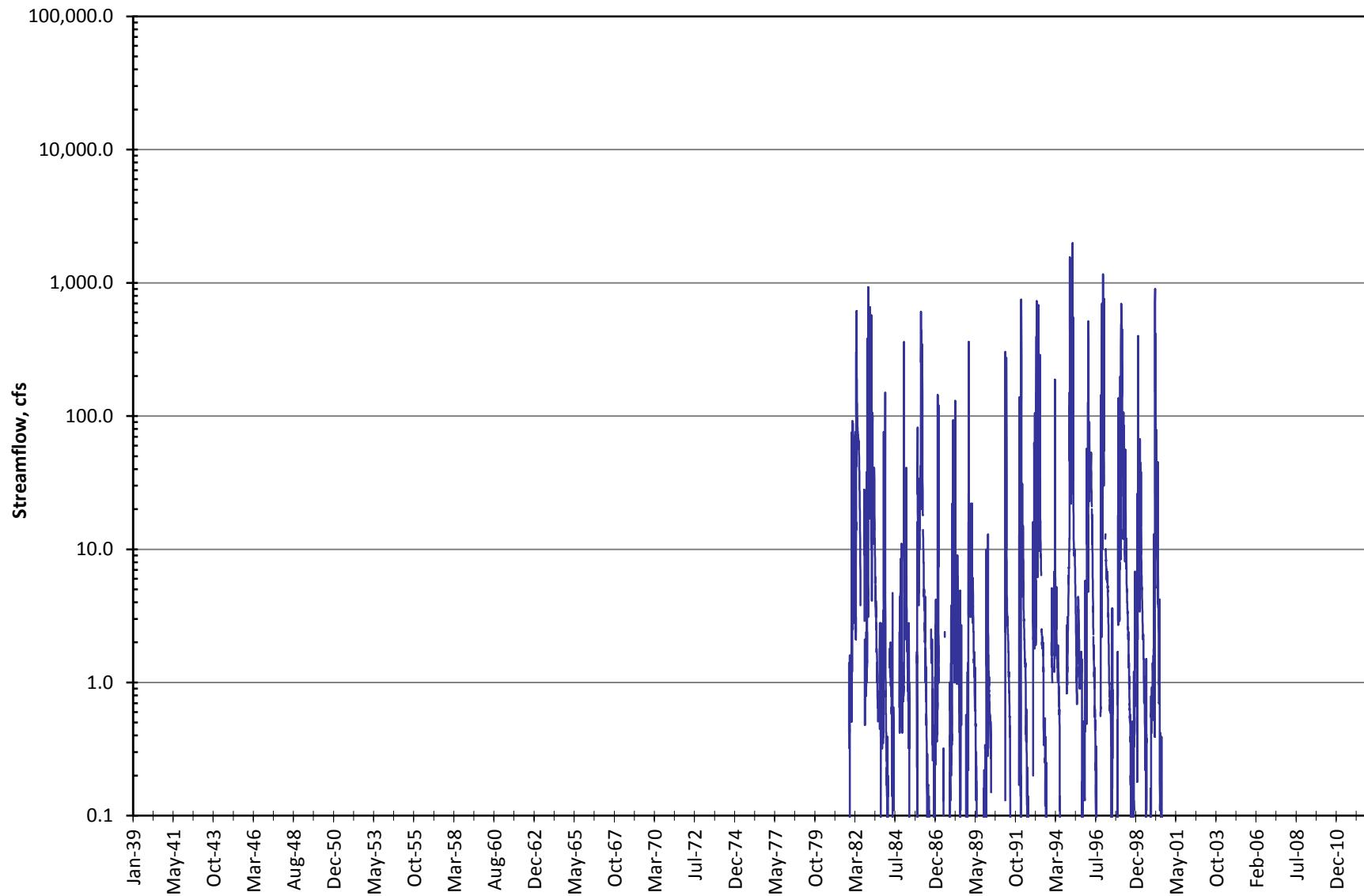
Historical (Daily) Streamflow
Yerba Buena Creek in Santa Margarita
(1981 - 1985)



Source: USGS NWIS (downloaded Nov-11)

Figure 16

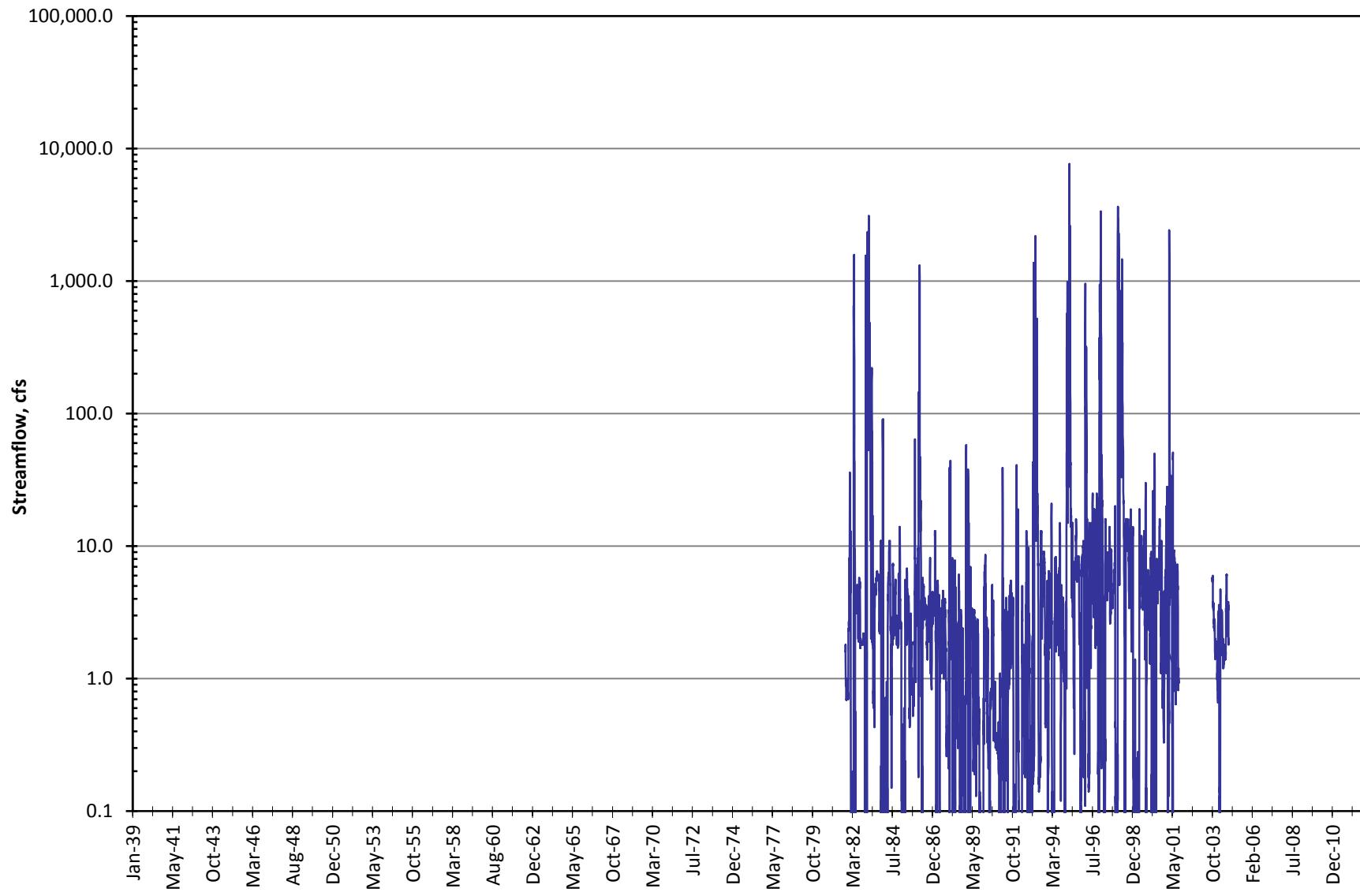
Historical (Daily) Streamflow
Santa Margarita Creek near Santa Margarita
(1981 - 2000)



Source: USGS NWIS (downloaded Nov-11)

Figure 17

Historical (Daily) Streamflow
Salinas River below Salinas Dam near Pozo
(1981 - 2004)



Source: USGS NWIS (downloaded Nov-11)

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Figure 18

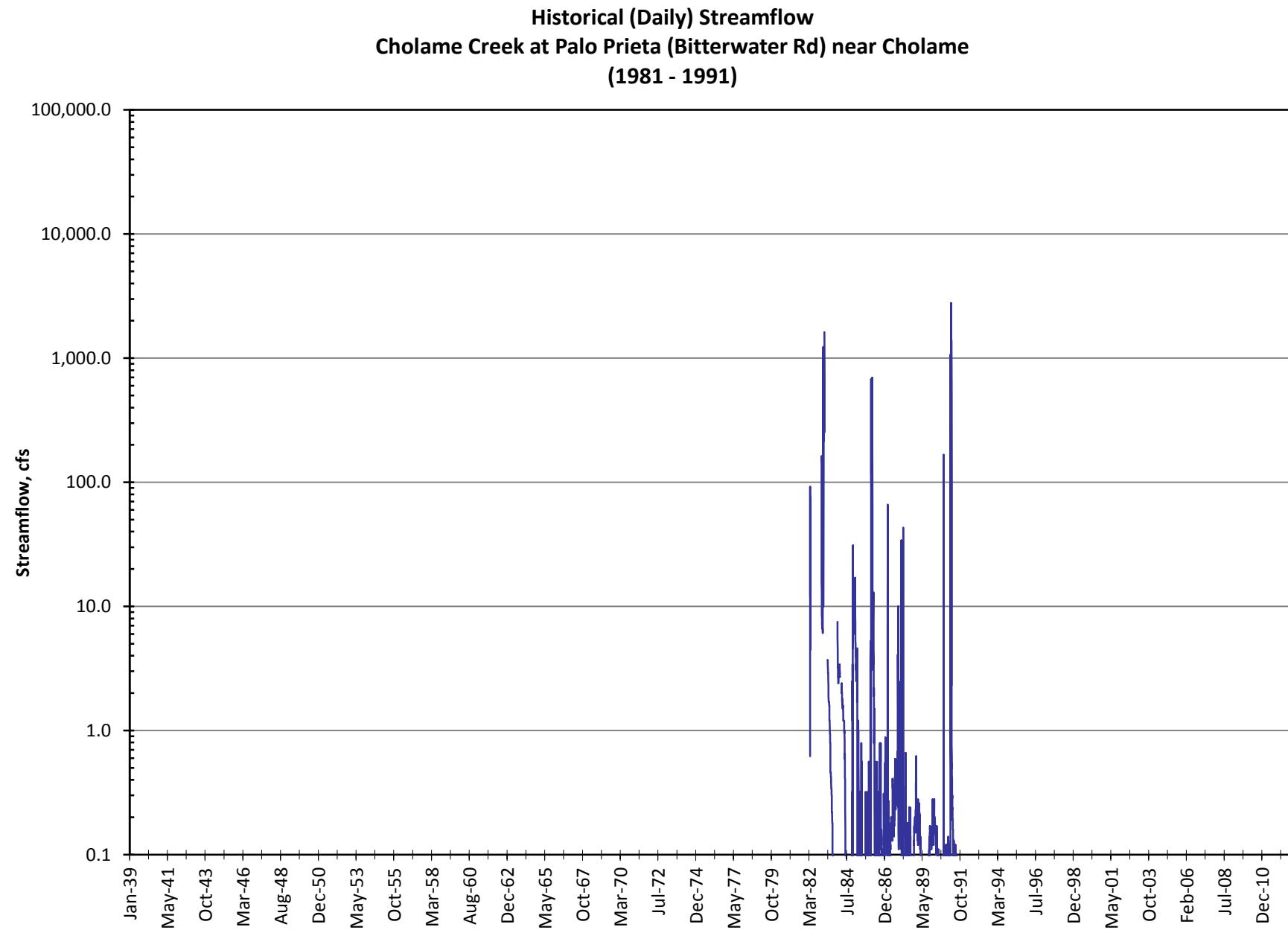


Figure 19

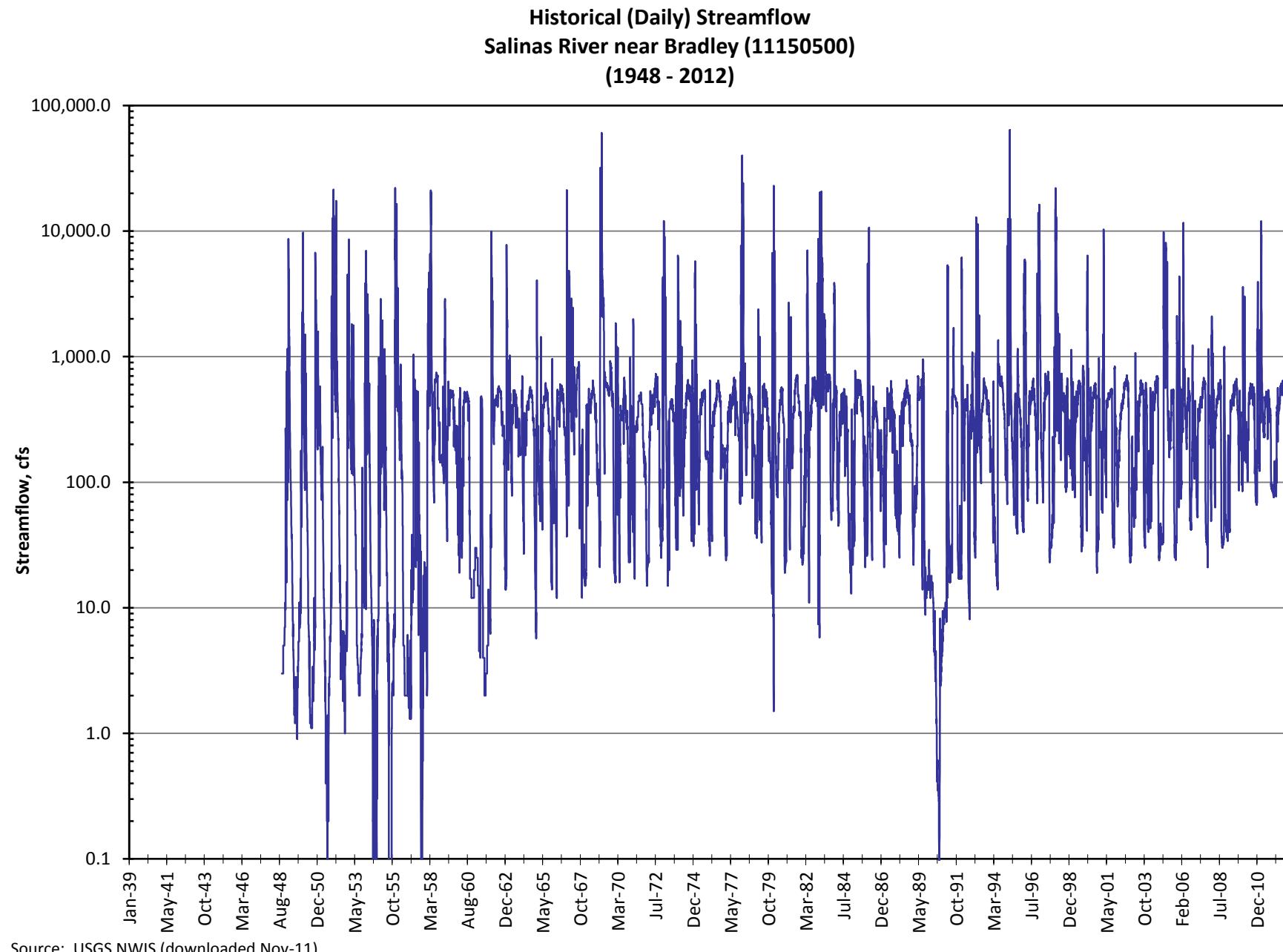
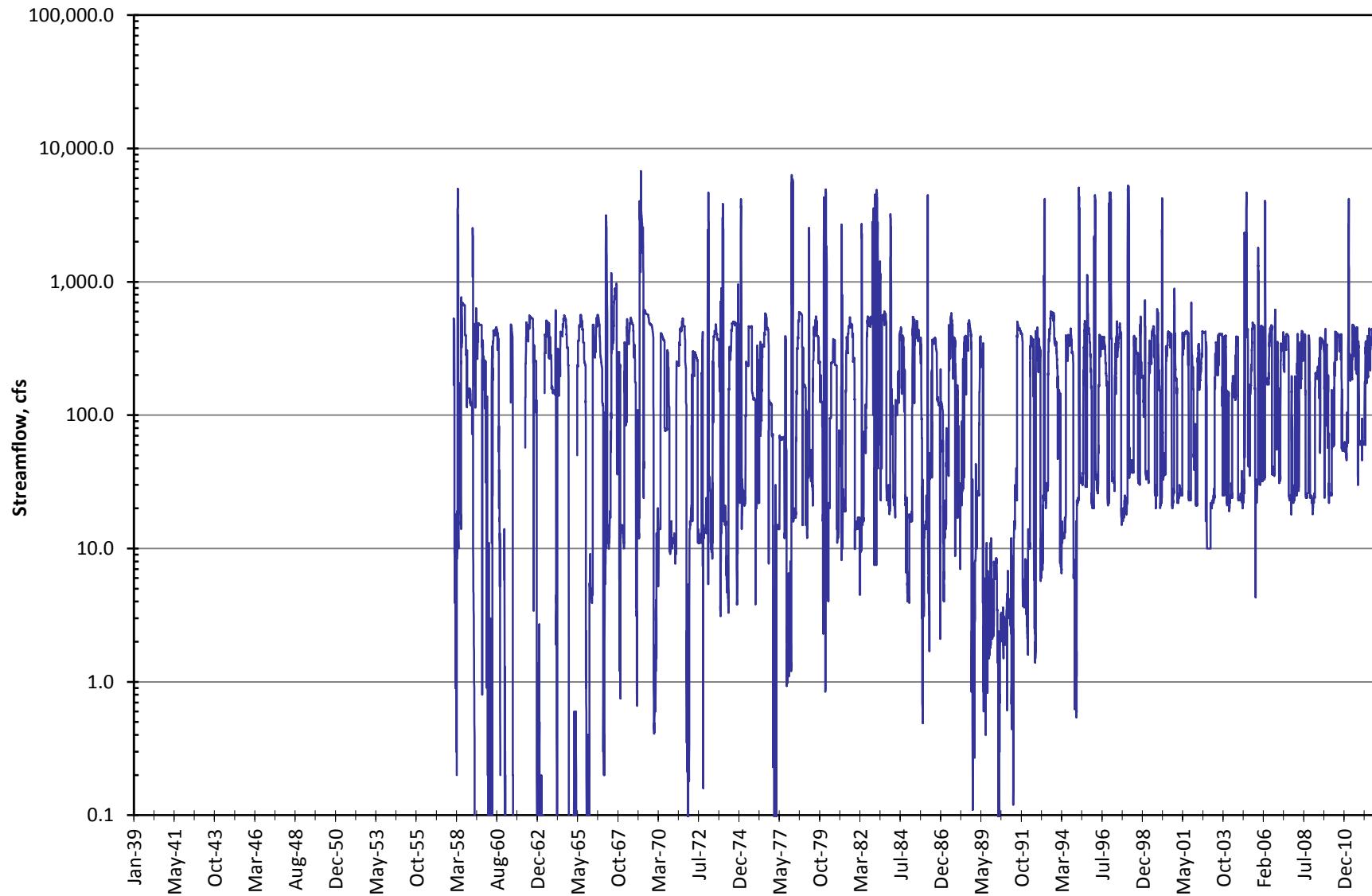


Figure 20

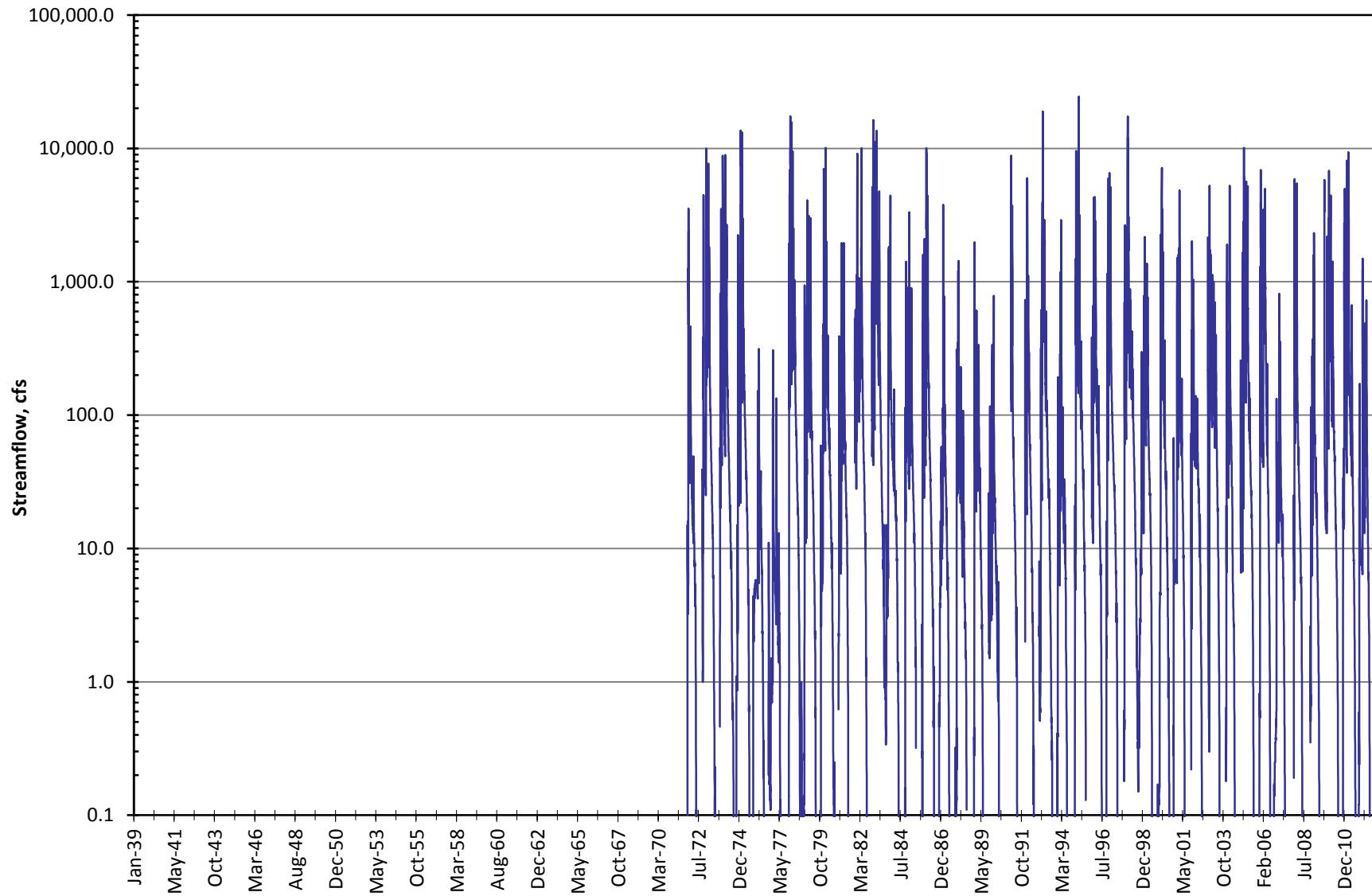
Historical (Daily) Streamflow
Nacimiento River below Nacimiento Dam near Bradley (11149400)
(1957 - 2012)



Source: USGS NWIS (downloaded Nov-11)

Figure 21

Historical (Daily) Streamflow
Nacimiento River below Sapaque Creek near Bryson (11148900)
(1971 - 2012)



Source: USGS NWIS (downloaded Nov-11)

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Historical (Daily) Streamflow
Estrella River near Estrella (11148500)
(1956 - 1996)

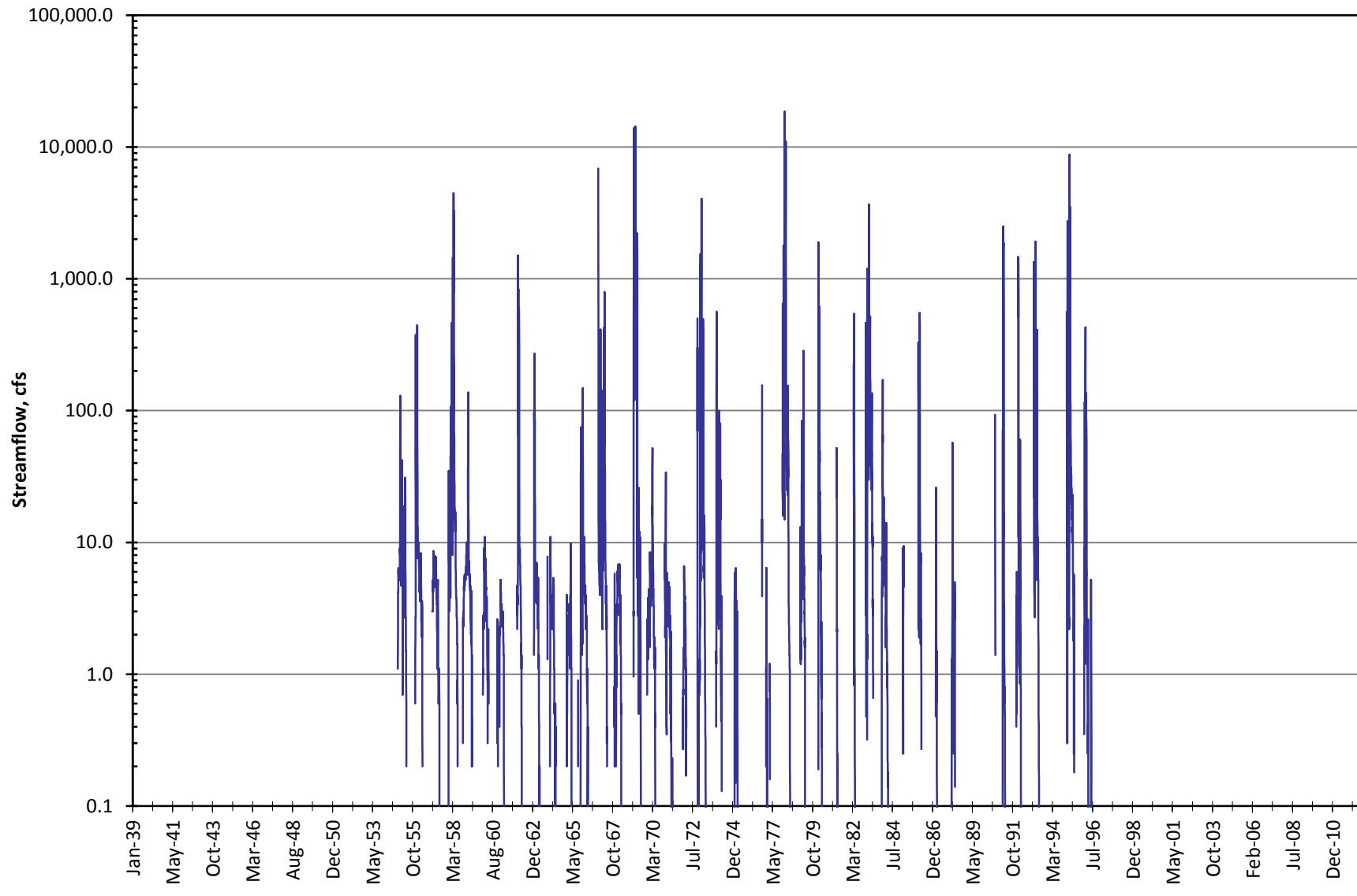
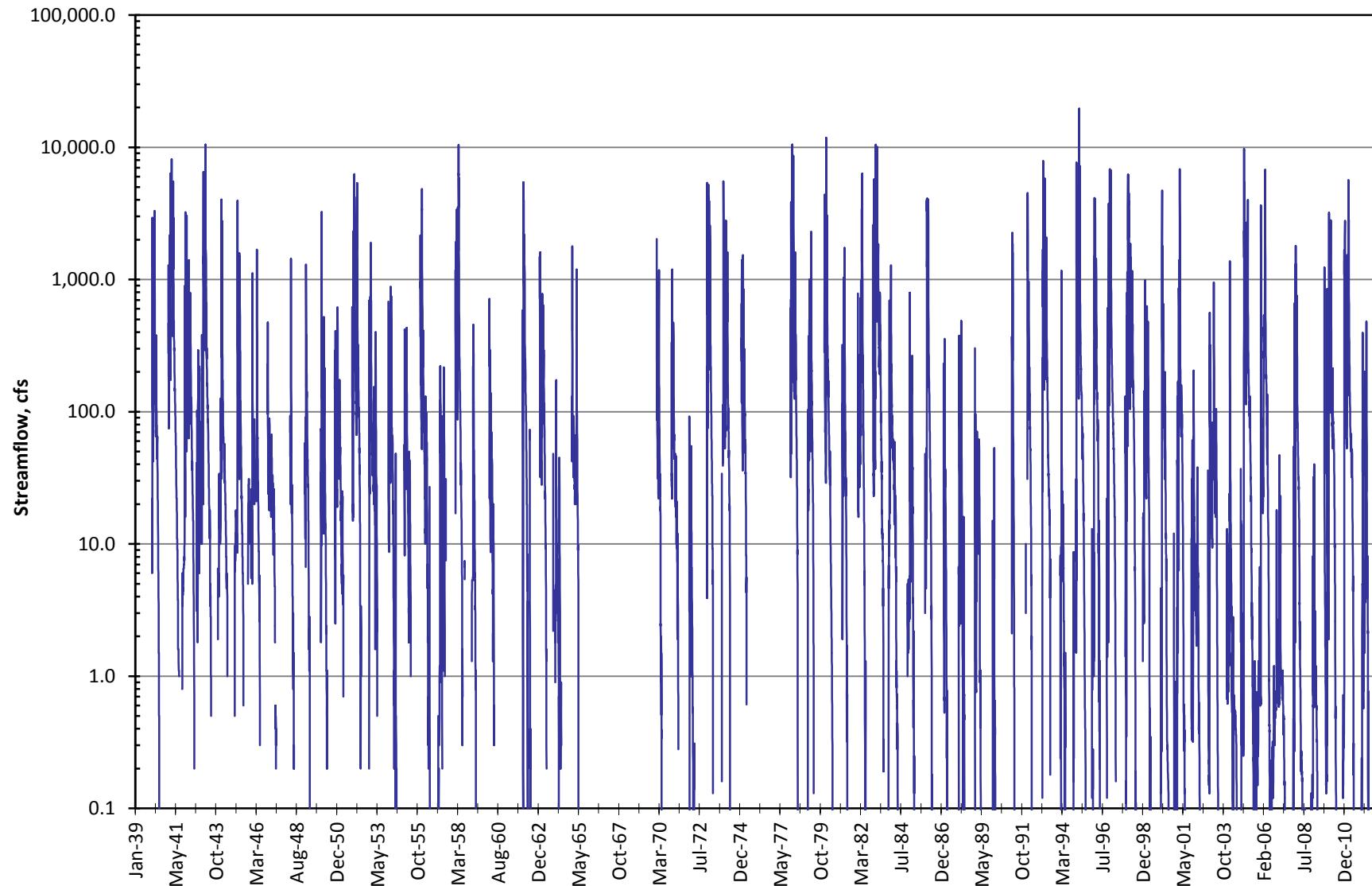


Figure 23

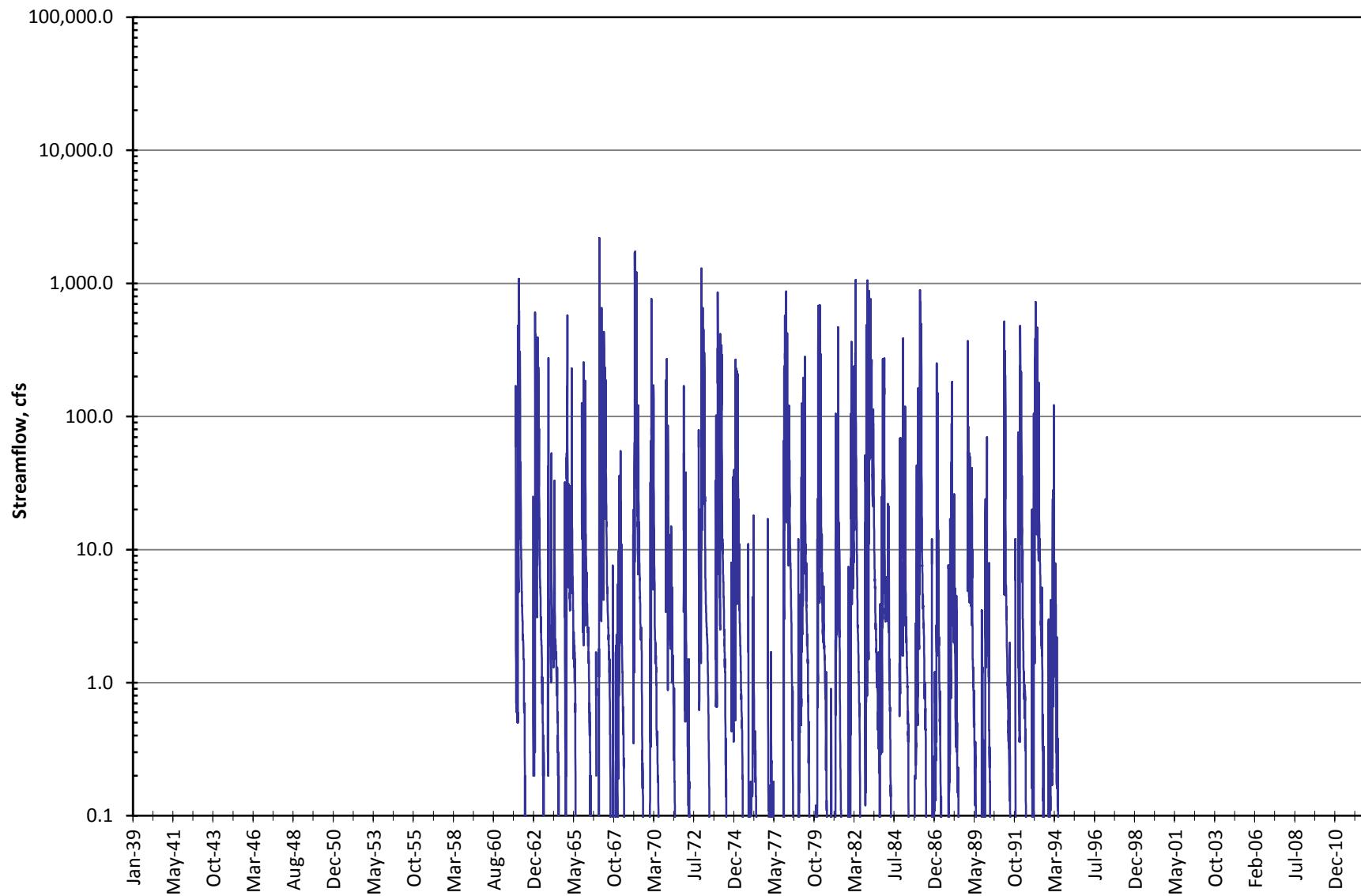
Historical (Daily) Streamflow
Salinas River above Paso Robles (11147500)
(1939 - 2012)



Source: USGS NWIS (downloaded Nov-11)

Figure 24

Historical (Daily) Streamflow
Santa Rita Creek near Templeton (11147070)
(1961 - 1994)

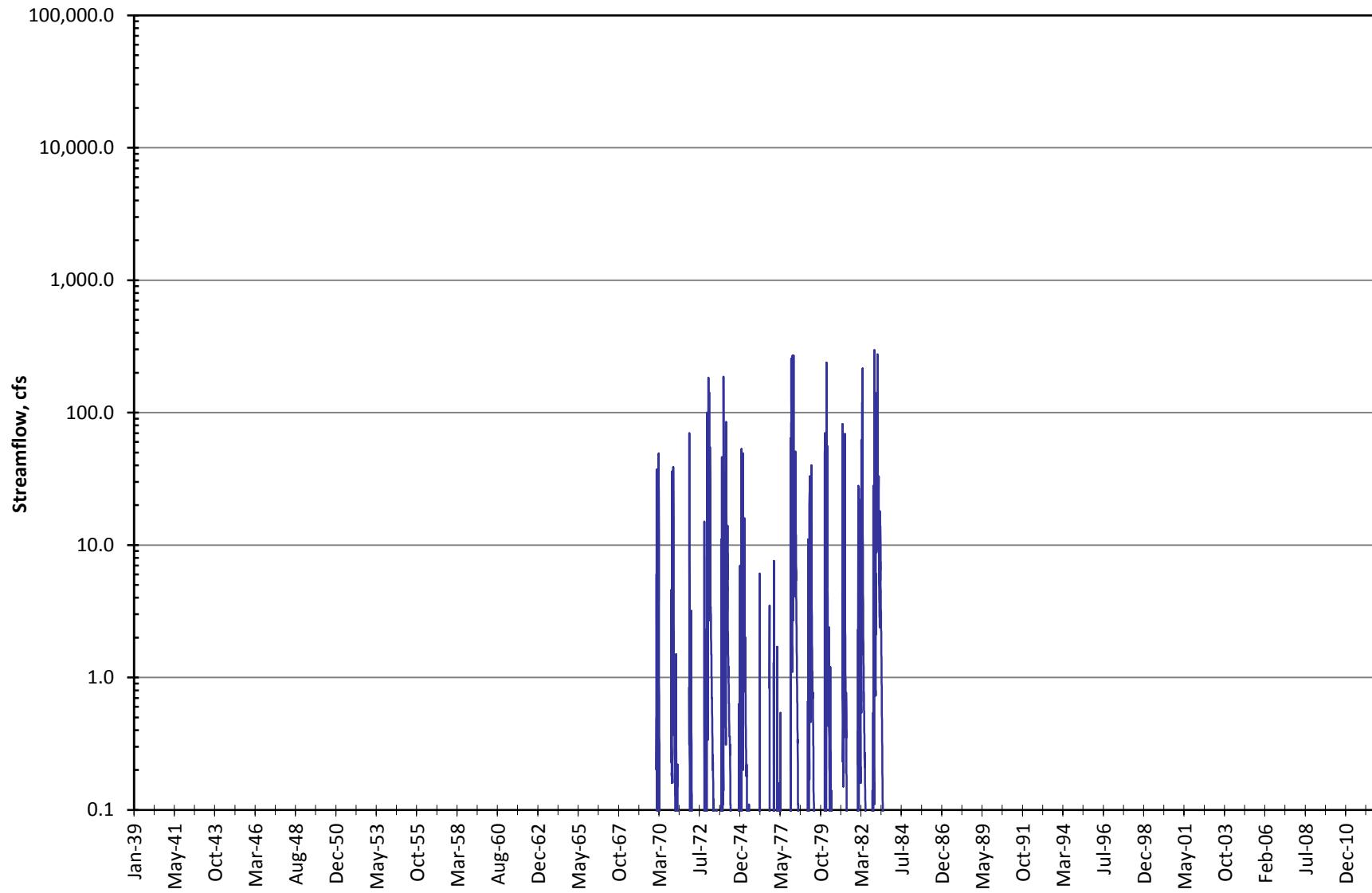


Source: USGS NWIS (downloaded Nov-11)

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Figure 25

Historical (Daily) Streamflow
Salsipuedes Creek near Pozo (11144200)
(1969 - 1983)



Source: USGS NWIS (downloaded Nov-11)

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Figure 26

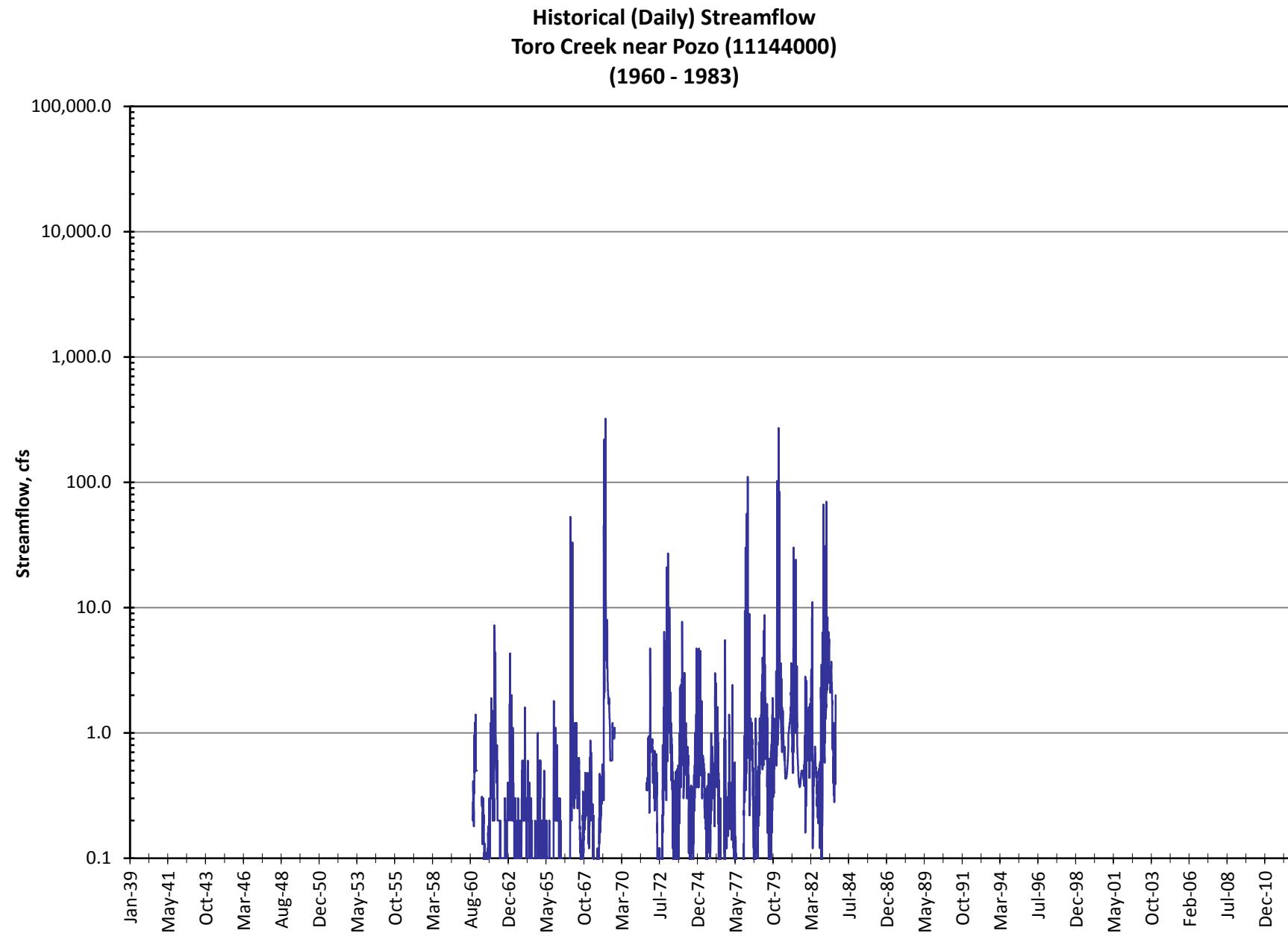
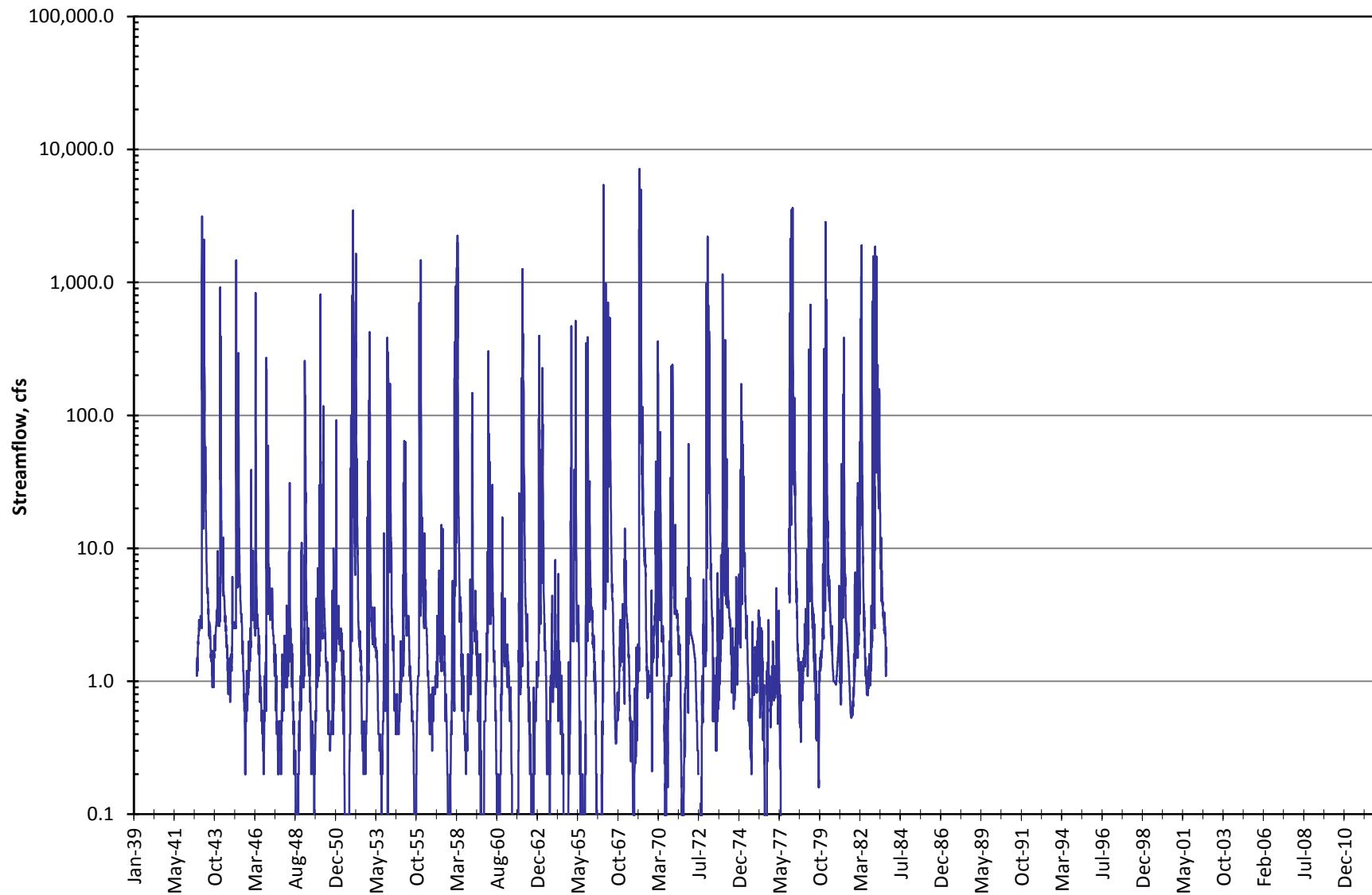


Figure 27

Historical (Daily) Streamflow
Salinas River near Pozo (11143500)
(1942 - 1983)



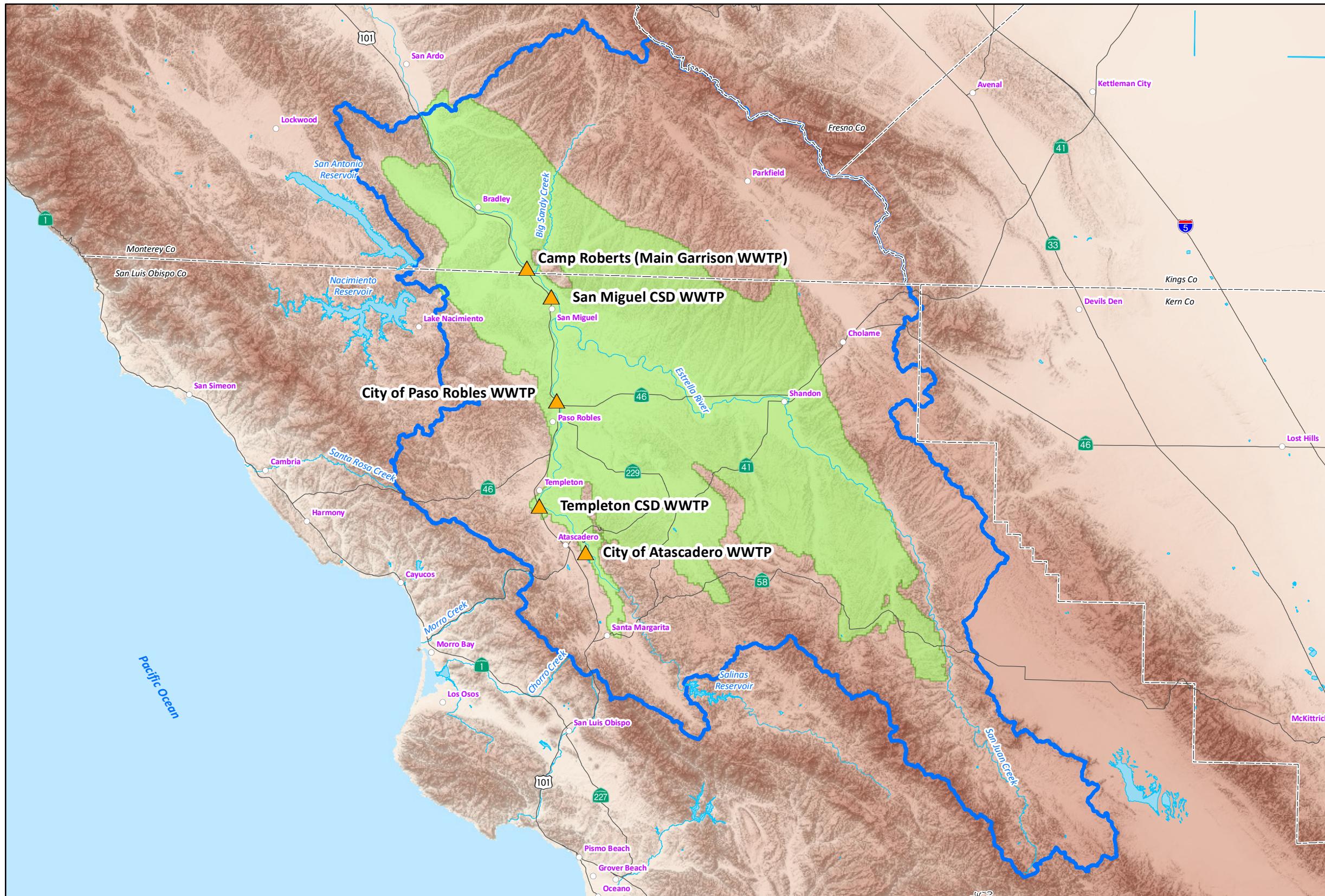
Source: USGS NWIS (downloaded Nov-11)

Figure 28

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

WASTEWATER TREATMENT
PLANT LOCATIONS



EXPLANATION

- ▲ Wastewater Treatment Plant Location
- Paso Robles Groundwater Basin Model Active Area (Source: Fugro, ETIC Engineers and Cleath, 2005)
- Paso Robles Area Watershed Boundary
- - - County Boundary

19-Dec-14

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0 5 10 20 Miles



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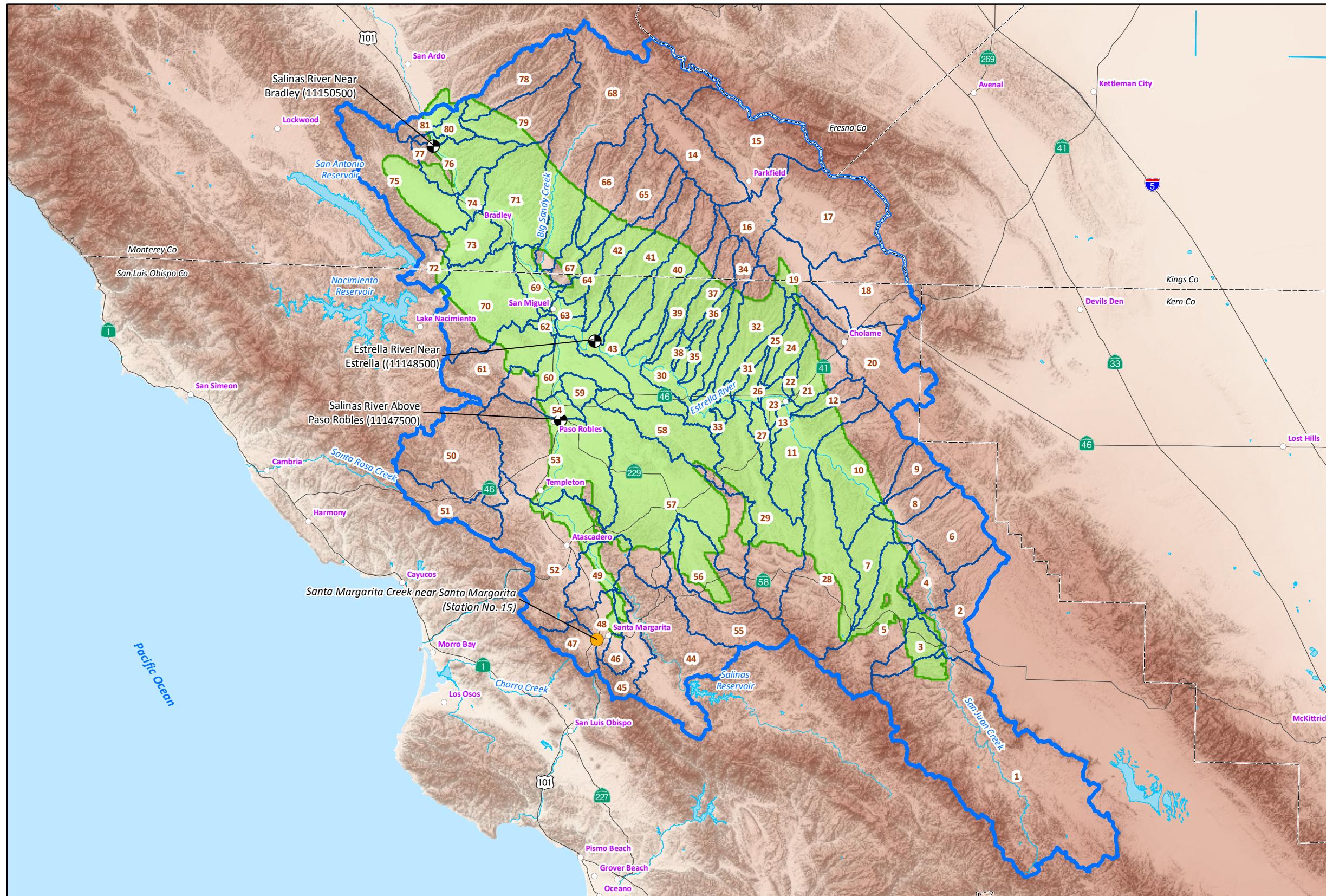
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Figure 29

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

TRIBUTARY SUB-WATERSHEDS
OF THE PASO ROBLES
AREA WATERSHED



EXPLANATION

Paso Robles Area Watershed Boundary

Sub-Watershed Boundary and Designation

Paso Robles Groundwater Basin Model Active Area (Source: Fugro, ETIC Engineers and Cleath, 2005)

USGS Gaging Station

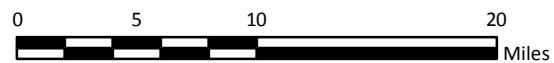
SLOFC&WCD Gaging Station

County Boundary

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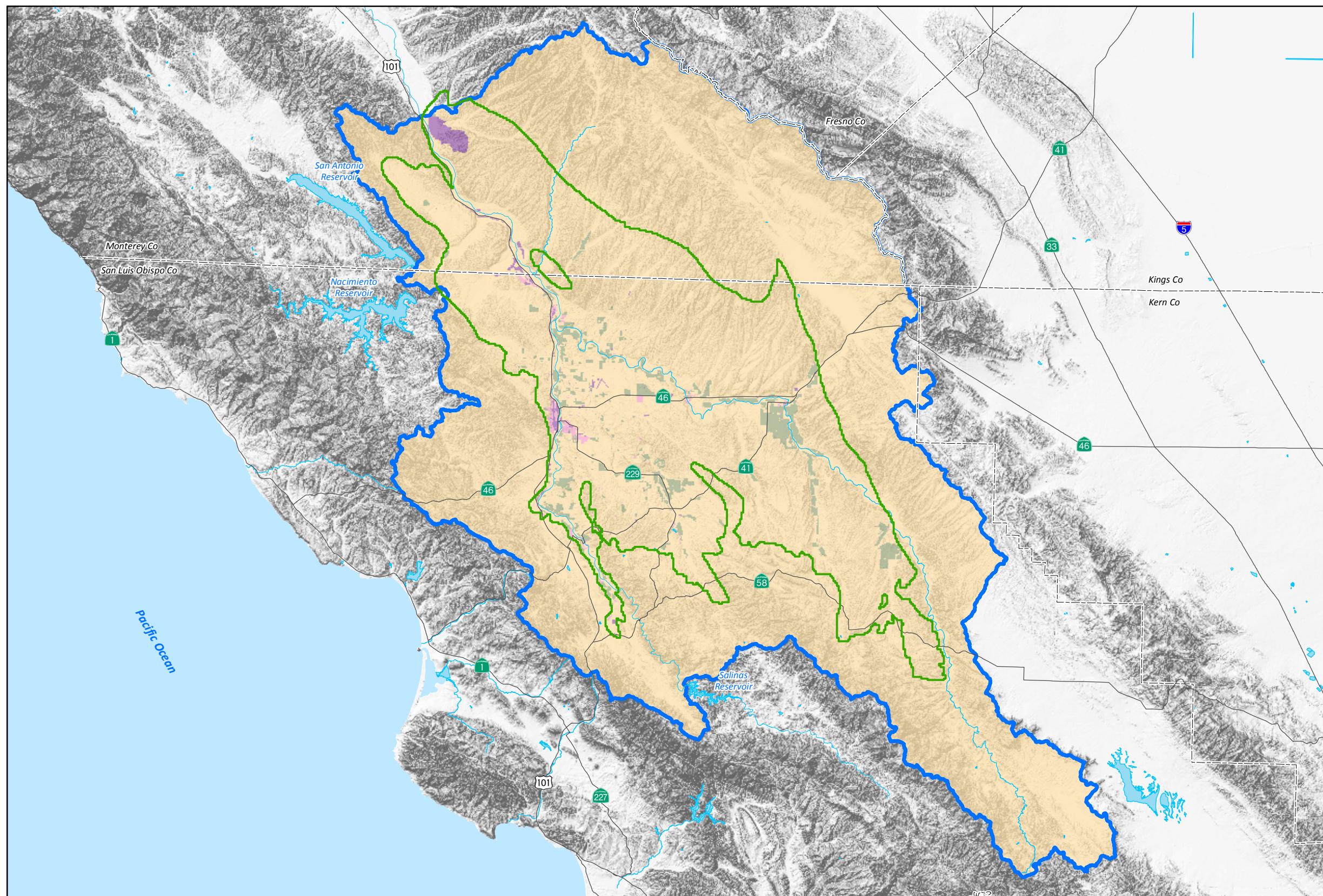
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Figure 30

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

**1985 LAND USE
CONDITIONS IN THE
PASO ROBLES AREA
WATERSHED**



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0 5 10 20 Miles



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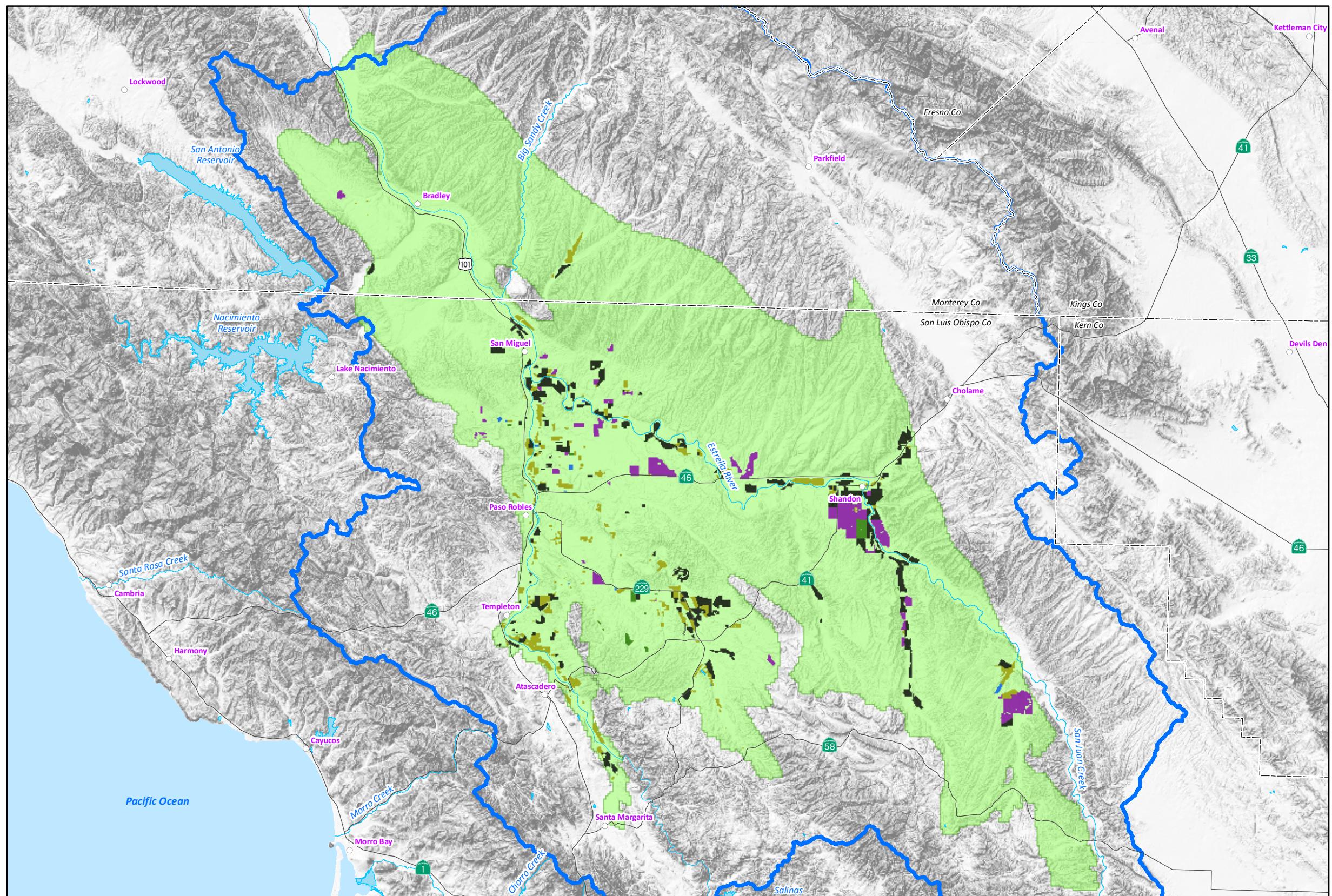
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Figure 31a

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

PASO ROBLES GROUNDWATER BASIN MODEL UPDATE

**1985 IRRIGATED
AGRICULTURAL
TYPES IN THE
PASO ROBLES AREA
WATERSHED**



EXPLANATION

1985 Land Use Irrigated Agricultural Types
(Source: DWR, 1987)

- Alfalfa
- Deciduous
- Pasture
- Truck / Vegetable
- Vineyard

Paso Robles Groundwater Basin Model Active Area
(Source: Fugro, ETIC Engineers and Cleath, 2005)

- Paso Robles Area Watershed Boundary
- County Boundary

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