

5-022.16 SAN JOAQUIN VALLEY - COSUMNES

Basin Boundaries

Summary

The Cosumnes Subbasin is located in the northeastern part of the San Joaquin Valley basin in Sacramento and Amador Counties. The subbasin is bounded on the north by the Cosumnes River and on the east by the consolidated rocks of the Sierra Nevada foothills. The southern boundary is a combination of the San Joaquin and Calaveras County lines. The basin boundary is defined by 11 segments detailed in the descriptions below.

Segment Descriptions

<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	^I Stream	Starts at point (1) and follows the Cosumnes River to point (2).	{a}
2-3	^E Stream	Continues from point (2) and follows the Cosumnes River to point (3).	{a}
3-4	^E Alluvial	Continues from point (3) and follows the contact between the alluvial valley sediments and the consolidated rocks of the Sierra Nevada foothills to point (4).	{b}
4-5	^I County	Continues from point (4) and follows the Amador/Calaveras County boundary to point (5).	{c}
5-6	^I County	Continues from point (5) and follows Amador/San Joaquin county boundary to point (6).	{c}
6-7	^I County	Continues from point (6) and follows the Sacramento/San Joaquin county boundary to point (7).	{c}
7-8	^I Stream	Continues from point (7) and follows Dry Creek to point (8).	{a}
8-1	^I County	Continues from point (8) and follows the Sacramento/San Joaquin county boundary and ends at point (1).	{c}
9-9	^E Alluvial	Starts at point (9) and follows the contact between the valley alluvial deposits and Mesozoic volcanic rocks and ends at point (9).	{b}
10-10	^E Alluvial	Starts at point (10) and follows the contact between the valley alluvial deposits and Mesozoic volcanic rocks and ends at point (10).	{b}
11-11	^E Alluvial	Starts at point (11) and follows the contact between the valley alluvial deposits and Mesozoic volcanic rocks and ends at point (11).	{b}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>	
1	38.255313608	-121.439417588	
2	38.492457874	-121.090992522	
3	38.500466507	-121.044298178	
4	38.221624408	-120.899775122	
5	38.225354937	-120.995645016	
6	38.300121304	-121.027234281	
7	38.255282342	-121.180258506	
8	38.254385875	-121.195727466	
9	38.383096891	-121.009025088	
10	38.356694256	-120.991191314	
11	38.316936551	-120.969875396	

Map

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<https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=5-022.16>

References

<u>Ref</u>	<u>Citation</u>	<u>Pub Date</u>	<u>Global ID</u>
{a}	United States Geological Survey (USGS), National Hydrography Dataset, Flowline Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA).URL: http://nhd.usgs.gov/data.html	2/1/2016	1
{b}	California Geological Survey (CGS), Geologic Atlas of California Map No. XX, Sacramento Sheet, 1:250,000.	1965	19
{c}	California Department of Forestry and Fire Protection (Cal Fire), California Counties and Paired Dataset (cnty15_1).URL: http://frap.fire.ca.gov/data/frapgisdata-subset	2/14/15	2

Footnotes

- I: Internal
- E: External