

5-021.67 SACRAMENTO VALLEY - YOLO

Basin Boundaries

Summary

The Yolo groundwater subbasin is in the southern portion of the Sacramento Valley Basin and includes the majority of Yolo County. The northern, eastern and southern boundaries are predominately defined by the Colusa, Sacramento and Solano County lines, respectively. The subbasin includes the Solano County portion of the University of California at Davis and does not include the Yolo County portions of Colusa County Water District, Reclamation Districts 150, 307, 999, 2068, and 2093. The basin extends to the coast range on the west. The Capay Hills provide a barrier between the main part of the subbasin and Capay Valley, but Capay Valley is interconnected and part of the Yolo subbasin. The subbasin is defined by the 19 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 County	Begins at point (1) and follows the Yolo/Colusa County line to point (2).	{a}
2-3	E Non-Alluvial	Continues from point (2) and generally follows the contact of nonmarine deposits with marine sedimentary rocks of the Great Valley Sequence, around the Capay Hills, to point (3).	{b}
3-4	I County	Continues from point (3) and follows the Yolo/Colusa County line to point (4).	{a}
4-5	I Water Agency	Continues from point (4) and follows the Colusa County Water District boundary to point (5).	{c}
5-6	I County	Continues from point (5) and follows the Yolo/Colusa County line to point (6).	{a}
6-7	I County	Continues from point (6) and follows the Yolo/Sutter County line to point (7).	{a}
7-8	I County	Continues from point (7) and follows the Yolo County line to point (8).	{a}
8-9	I County	Continues from point (8) and follows the Yolo/Sacramento County line to point (9).	{a}
9-10	I Water Agency	Continues from point (9) and follows the Reclamation District 765 boundary to point (10).	{d}
10-11	I Water Agency	Continues from point (10) and follows the Reclamation District 999 boundary to point (11).	{d}
11-12	I County	Continues from point (11) and follows the Yolo/Solano County line to point (12).	{a}
12-13	I Water Agency	Continues from point (12) and follows the boundary of Reclamation District 2093 to point (13).	{d}
13-14	I	Continues from point (13) and follows the Yolo/Solano county line to	{a}

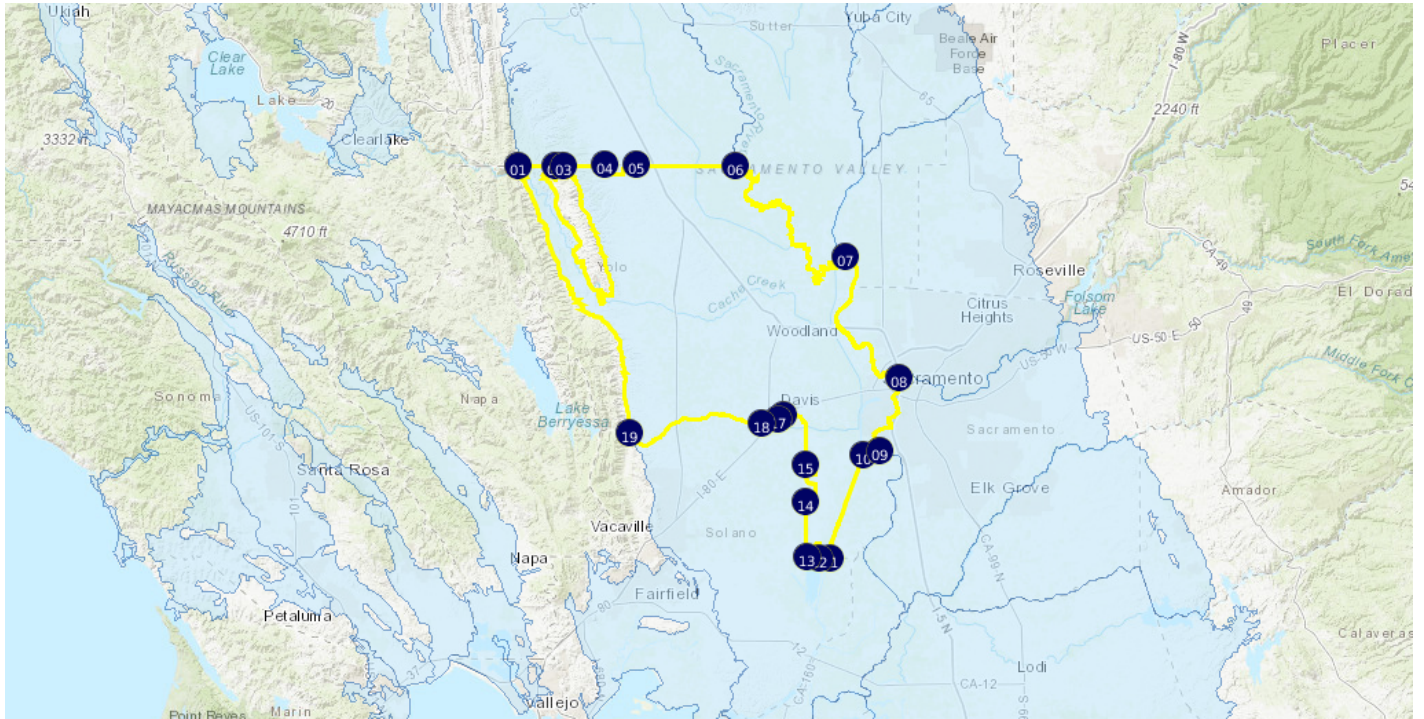
	County	point (14).	
14-15	^I Water Agency	Continues from point (14) and follows the boundary of Reclamation District 2068 to point (15).	{d}
15-16	^I County	Continues from point (15) and follows the Yolo/Solano County line to point (16).	{a}
16-17	^I Transportation	Continues from point (16) and follows US Interstate 80 to point (17).	{e}
17-18	^I Water Agency	Continues from point (17) and follows the UC Davis boundary to point (18).	{c}
18-19	^I County	Continues from point (18) and follows the Yolo/Solano County line to point (19).	{a}
19-1	^E Non-Alluvial	Continues from point (19) and follows the contact of nonmarine deposits with marine sedimentary rocks of the Great Valley Sequence, and ends at point (1).	{b}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>
1	38.924159504	-122.268372273
2	38.925373761	-122.194294229
3	38.925382258	-122.178008696
4	38.925747874	-122.097112675
5	38.925931026	-122.032251919
6	38.924593622	-121.835106407
7	38.782426125	-121.615152878
8	38.594075098	-121.507979595
9	38.480810907	-121.54708919
10	38.473722298	-121.580924664
11	38.313876197	-121.644993385
12	38.314108169	-121.667167823
13	38.314356996	-121.692188353
14	38.401378424	-121.693864052
15	38.459405329	-121.693741856
16	38.537644069	-121.738506629
17	38.530613683	-121.749573212
18	38.523381197	-121.783729869
19	38.507927249	-122.045258419

Map

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<https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=5-021.67>

References

<u>Ref</u>	<u>Citation</u>	<u>Pub Date</u>	<u>Global ID</u>
{a}	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
{b}	California Geological Survey (CGS), Regional Geologic Map No. 2A, Santa Rosa Quadrangle, 1:250,000, D.L. Wagner and E.J. Bortugno.URL: http://www.quake.ca.gov/gmaps/RGM/santarosa/santarosa.html	1982	7
{c}	California Department of Water Resources (DWR), Water Agencies Dataset.URL: https://gis.water.ca.gov/app/bbat/	2016	48
{d}	California Department of Water Resources (DWR), Reclamation Districts Dataset.URL: https://gis.water.ca.gov/app/bbat/	2016	3
{e}	Open Street Maps, Roads and Railroads data.URL: http://www.openstreetmap.org/	9/9/16	47

Footnotes

- I: Internal
- E: External