5-021.52 SACRAMENTO VALLEY - COLUSA

Basin Boundaries

Summary

The Colusa groundwater subbasin is in the western portion of the Sacramento Valley Groundwater Basin and spans the majority of Glenn and Colusa Counties. The northern boundary is generally defined by Stony Creek. The eastern boundary is delineated by the Sacramento River. The Southern boundary is predominately defined by the southern boundary of Colusa County. The western boundary is defined by the Mesozoic rocks of the Coast Ranges. The boundary is defined by the 24 segments detailed in the descriptions below.

Segment Descriptions

Segment Label	Segment Type	Description	Ref
1-2	I County	Begins from point (1) and follows the Tehama/Glenn County line to point (2).	{a}
2-3	E Non-Alluvial	Continues from point (2) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks to point (3).	{b}
3-4	I County	Continues from point (3) and follows the Tehama/Glenn county line to point (4).	{a}
4-5	I Stream	Continues from point (4) and follows Stony Creek to point (5).	{c}
5-6	I Stream	Continues from point (5) and follows the Sacramento River to point (6).	{c}
6-7	I County	Continues from point (6) and follows the Colusa/Yolo county line to point (7).	{a}
7-8	I Water Agency	Continues from point (7) and follows the Colusa County Water District boundary to point (8).	{d}
8-9	I County	Continues from point (8) and follows the Colusa/Yolo county line to point (9).	{a}
9-10	E Non-Alluvial	Continues from point (9) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks to point (10).	{b}
10-11	I County	Continues from point (10) and follows Colusa/Yolo county line to point (11).	{a}
11-12	E Non-Alluvial	Continues from point (11) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks to point (12).	{e}
12-13	E Non-Alluvial	Continues from point (12) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks to point (13).	{f}
13-14	E Non-Alluvial	Continues from point (13) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks to point (14).	{b}
14-1	I Stream	Continues from point (14) and follows Stony Creek to point (01).	{c}

15-15	E Non-Alluvial	Begins from point (15) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (15).	{b}
16-16	E Non-Alluvial	Begins from point (16) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (16).	{f}
17-17	E Non-Alluvial	Begins from point (17) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (17).	{f}
18-18	E Non-Alluvial	Begins from point (18) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (18).	{f}
19-19	E Non-Alluvial	Begins from point (19) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (19).	{f}
20-20	E Non-Alluvial	Begins from point (20) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (20).	{f}
21-21	E Non-Alluvial	Begins from point (21) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (21).	{f}
22-22	E Non-Alluvial	Begins from point (22) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (22).	{f}
23-23	E Non-Alluvial	Begins from point (23) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (23).	{b}
24-24	E Non-Alluvial	Begins from point (24) and follows the contact of non-marine Cenozoic deposits with Mesozoic rocks and ends at point (24).	{g}

Significant Coordinates

Point	Latitude	Longitude
1	39.799153683	-122.359565625
2	39.799129902	-122.3523111
3	39.799083293	-122.33845569
4	39.798786238	-122.269167877
5	39.675360158	-121.975182666
6	38.924598592	-121.835448409
7	38.925931026	-122.032251919
8	38.925747874	-122.097112675
9	38.925382258	-122.178008696
10	38.925373761	-122.194294229
11	38.924159504	-122.268372273
12	38.997254912	-122.283815735
13	39.249224441	-122.291470271
14	39.728667924	-122.42334596
15	39.761816023	-122.331841135
16	39.021247695	-122.280589624
17	39.029245833	-122.280931761
18	39.041144559	-122.274839118
19	39.072282827	-122.287250397
20	39.072237891	-122.266512282
21	39.088781322	-122.291822659
22	39.225989496	-122.27950269
23	39.31241219	-122.282474255
24	39.367648651	-122.273124925

Map

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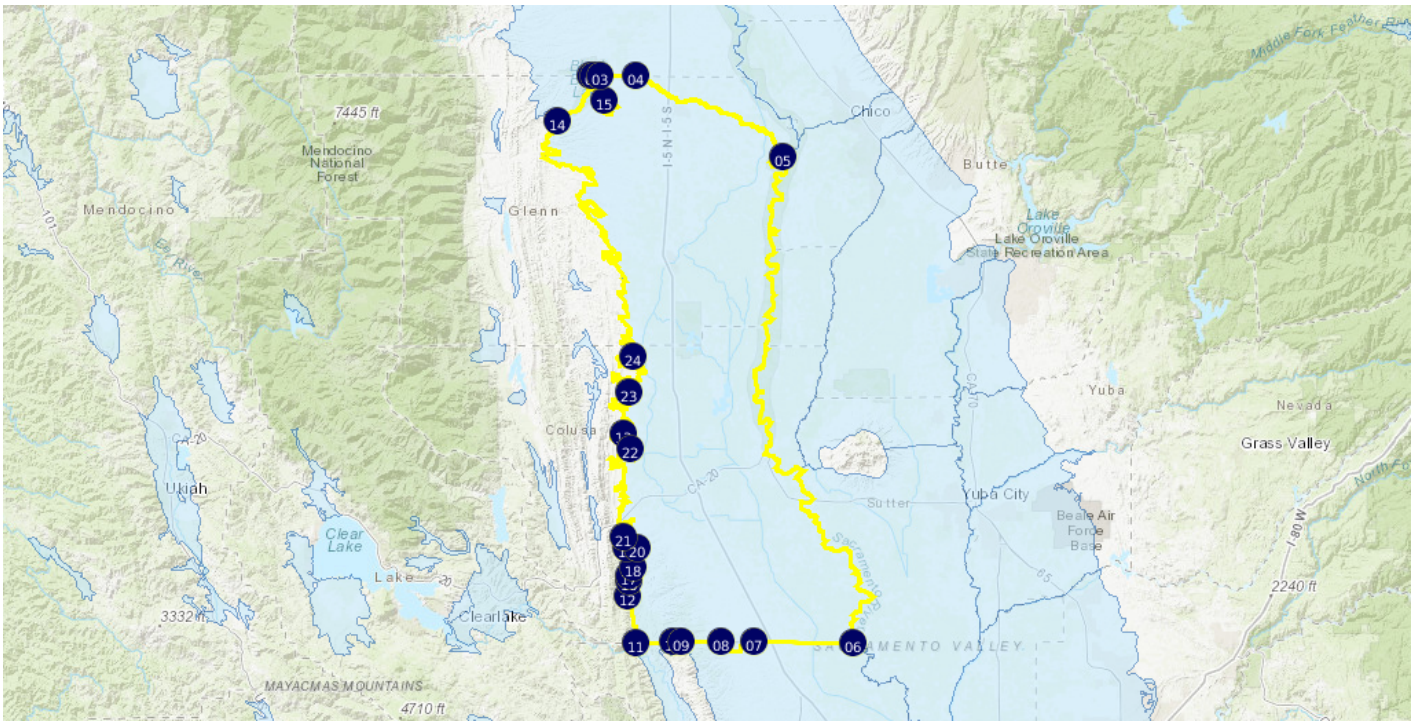

https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=5-021.52

References

Ref	Citation	Pub Date	Global ID
{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}	United States Geological Survey (USGS), Geologic map of late Cenozoic deposits of the Sacramento Valley and northern Sierran foothills, California, MF-1790, 1:62,500, E.J. Helley and D.S. Harwood.http://pubs.usgs.gov/mf/1985/1790/	1985	75
{c}	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
{d}	California Department of Water Resources (DWR), Water Agencies Dataset.URL: https://gis.water.ca.gov/app/bbat/	2016	48
{e}	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
{f}	California Geological Survey (CGS), Geologic Atlas of California Map No. 024, Ukiah Sheet, , 1:250,000, Charles W. Jennings and Rudolph G. Strand .URL: http://www.quake.ca.gov/gmaps/GAM/ukiah/ukiah.html	1960	30
{g}	Helley, Edward J., and Harwood, David S., 1985, Geologic map of late Cenozoic	1985	100

	deposits of the Sacramento Valley and northern Sierran foothills, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-1790, 5 plates, scale 1:62,500, 1 pamphlet, 24 p. [http://pubs.usgs.gov/mf/1985/1790/].		

Footnotes

- I: Internal
- E: External