

5-022.12 SAN JOAQUIN VALLEY - TULARE LAKE

Basin Boundaries

Summary

The Tulare Lake Subbasin is located in the southern part of the San Joaquin Valley Groundwater Basin in the internally drained portion of the Valley where surface water under natural conditions would flow to the terminal Tulare Lake. The northern boundary of the Subbasin generally follows the South Fork of the King's River, with the eastern boundary following various county and agency boundaries. The southern boundary of the Subbasin generally follows the Kings-Kern county line. The western boundary of the Subbasin follows the Kettleman Hills and the Westlands Water District boundary. The basin boundary is defined by 21 segments as detailed in descriptions below.

Segment Descriptions

<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	^I Stream	Begins at point (1) and follows the South Fork of the Kings River to point (2).	{a}
2-3	^I County	Continues from point (2) and follows the Fresno/Kings County line to point (3).	{b}
3-4	^I Stream	Continues from point (3) and follows Cole Slough to point (4).	{a}
4-5	^I Water Agency	Continues from point (4) and follows the southern boundary of the Consolidated Irrigation District to point (5).	{c}
5-6	^I County	Continues from point (5) and follows the Kings-Tulare County line to point (6).	{b}
6-7	^I Water Agency	Continues from point (6) along the southern border of the Alta Irrigation District boundary to point (7).	{c}
7-8	^I Water Agency	Continues from point (7) and follows the Kings River Conservation District boundary to point (8).	{c}
8-9	^I County	Continues from point (08) and follows the Tulare-Kings county line to point (09).	{b}
9-10	^I Water Agency	Continues from point (9) and follows the Corcoran Irrigation District boundary to point (10).	{c}
10-11	^I County	Continues from point (10) and follows the Kings-Tulare County line to point (11).	{b}
11-12	^I Water Agency	Continues from point (11) and follows the Kings River Conservation District boundary to point (12).	{c}

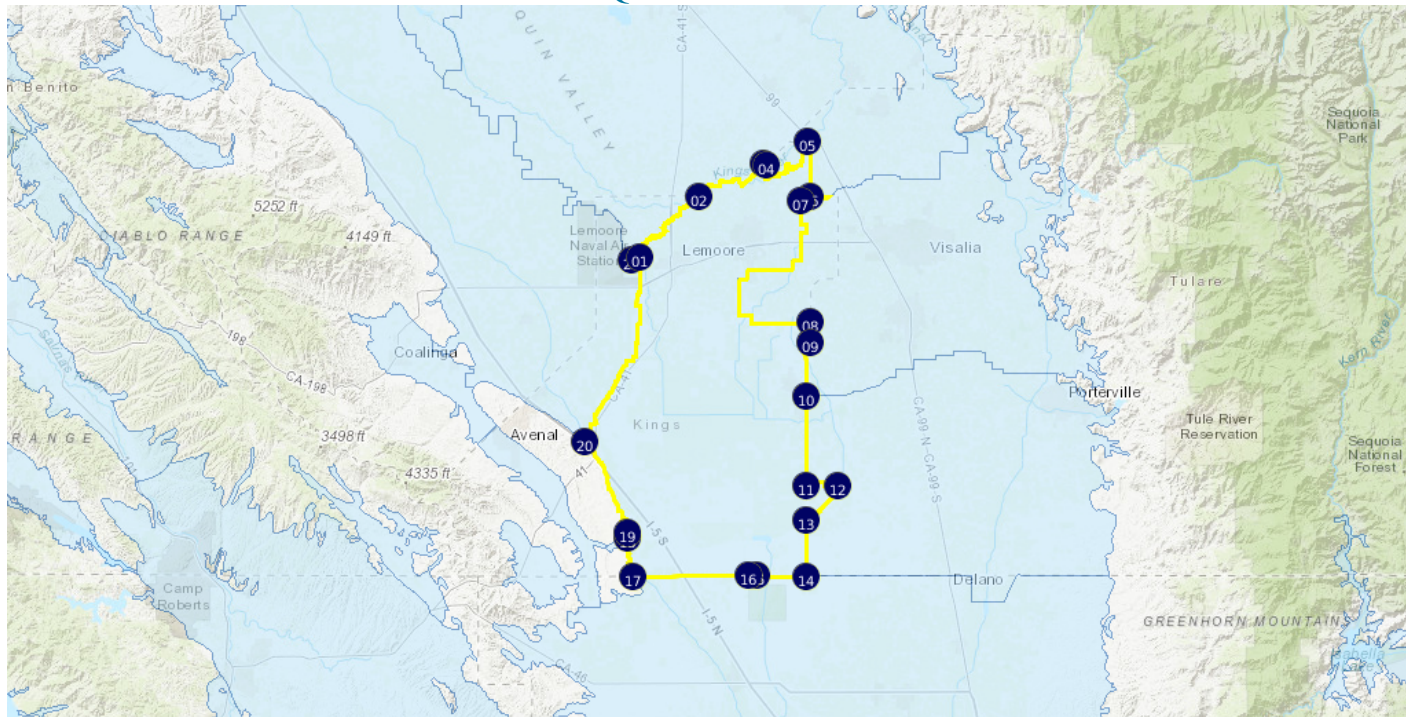
12-13	^I Water Agency	Continues from point (12) and follows the boundary of Homeland R.D. 0780 to point (13).	{d}
13-14	^I County	Continues from point (13) and follows the Kings-Tulare county line to point (14).	{b}
14-15	^I County	Continues from point (14) and follows the Kings/Kern county line to point (15).	{b}
15-16	^I Water Agency	Continues from point (15) and follows the Tulare Lake Basin Water Storage District to point (16).	{c}
16-17	^I County	Continues from point (16) and follows the Kings-Kern County line to point (17).	{b}
17-18	^E Non-Alluvial	Continues from point (17) and follows the boundary of the valley alluvial deposits and the consolidated rocks of the Kettleman Hills to point (18).	{e}
18-19	^I Unknown	Continues from point (18) and follows a straight line path north to point (19).	{f}
19-20	^E Alluvial	Continues from point (19) and follows the boundary of the valley alluvial deposits and the consolidated rocks of the Kettleman Hills to point (20).	{e}
20-21	^I Water Agency	Continues from point (20) and follows the eastern boundary of the Westlands Water District to point (21).	{c}
21-1	^I Water Agency	Continues from point (21) and follows the boundary of Heinlen Mutual Water Company and ends at point (1).	{c}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>
1	36.30396525	-119.869046058
2	36.402004385	-119.752646217
3	36.453753944	-119.621436165
4	36.452798079	-119.617160788
5	36.488920669	-119.534105111
6	36.401430015	-119.528823881
7	36.3954521	-119.546894992
8	36.200262239	-119.530196423
9	36.167325	-119.52999247
10	36.080387406	-119.536181718
11	35.934709786	-119.53760952
12	35.934620112	-119.474556445
13	35.880398335	-119.537746652
14	35.789571656	-119.537829033
15	35.789772628	-119.634978028
16	35.790302501	-119.652363375
17	35.78922344	-119.883195549
18	35.85145351	-119.894427754
19	35.859926117	-119.895005168
20	36.007244675	-119.978606041
21	36.299231771	-119.887246132

Map

5-022.12 SAN JOAQUIN VALLEY - TULARE LAKE



<https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=5-022.12>

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 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
{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}	California Geological Survey (CGS), Geologic Map of California, Geologic Data Map No. 2, C. W. Jennings, C. Gutierrez, W. Bryant, G. Saucedo, and C. Wills.URL: http://maps.conservation.ca.gov/cgs/gmc/	2010	43
{f}	Unknown/other/new	varies	46

Footnotes

- I: Internal
- E: External