

Soil Data Access (SDA) Hydric Soils List

An SDA-populated select list is used to pick a state and SSA which enables creation of a "Hydric Soils Report" based upon those selections. The data is not static; it hits Soil Data Access Live. To reset the table hit F5 on the keyboard. Once a survey is selected and table appears, if a new survey is selected it will append to the table at the bottom. [For more information about the table.](#)

California ▼

selected stateId = CA

Alameda County, California, Western Part ▼

selected SSA areasymbol = CA610

State_Sym	Area_Symbol	Area_Name	mukey	Mapunit_SYM	Mapunit_Name	Comp_Name_phase	muacres	Comp_RV_Pct	majcompflag	Comp_Acres	Comp_Landform	microfeature	Hydric_Rating	hydric_criteria
CA	CA610	Alameda County, California, Western Part	456654	101	Altamont clay, 15 to 30 percent slopes, MLRA 15	Pescadero	232	1	No	2.3	depressions, drainageways	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456654	101	Altamont clay, 15 to 30 percent slopes, MLRA 15	Clear Lake	232	1	No	2.3	depressions, drainageways	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456659	106	Botella loam, 0 to 2 percent slopes, MLRA 14	Omni, hydric	4980	4	No	199.2	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456660	107	Clear Lake clay, drained, 0 to 2 percent slopes, MLRA 14	Clear Lake, drained	8746	90	Yes	7871.4	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456660	107	Clear Lake clay, drained, 0 to 2 percent slopes, MLRA 14	Unnamed	8746	5	No	437.3	alluvial flats	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456661	108	Clear Lake clay, 2 to 9 percent slopes, drained	Clear Lake	1518	85	Yes	1290.3	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456661	108	Clear Lake clay, 2 to 9 percent slopes, drained	Omni	1518	5	No	75.9	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456662	109	Climara clay, 30 to 50 percent slopes, MLRA 15	Xererts, seeps and springs	428	1	No	4.3	seeps	null	Yes	4
CA	CA610	Alameda County, California,	456664	111	Danville silty clay loam, 0 to 2 percent slopes	Clear Lake	12202	5	No	610.1	stream terraces	null	Yes	2

		Western Part												
CA	CA610	Alameda County, California, Western Part	456670	117	Laugenour loam, drained	Laugenour	770	85	Yes	654.5	flood plains	null	Yes	2, 4
CA	CA610	Alameda County, California, Western Part	456670	117	Laugenour loam, drained	Omni	770	5	No	38.5	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456678	125	Marvin silt loam, saline-alkali	Marvin	3491	85	Yes	2967.4	stream terraces	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456678	125	Marvin silt loam, saline-alkali	Pescadero	3491	8	No	279.3	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456678	125	Marvin silt loam, saline-alkali	Willows	3491	7	No	244.4	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456684	131	Omni silty clay loam, drained	Omni	3826	85	Yes	3252.1	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456684	131	Omni silty clay loam, drained	Clear Lake	3826	5	No	191.3	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456685	132	Omni silty clay loam, strongly saline	Omni	1498	85	Yes	1273.3	flood plains	null	Yes	2, 4
CA	CA610	Alameda County, California, Western Part	456685	132	Omni silty clay loam, strongly saline	Willows	1498	10	No	149.8	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456686	133	Pescadero clay, drained	Pescadero	1934	85	Yes	1643.9	rims	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456686	133	Pescadero clay, drained	Willows	1934	10	No	193.4	basin floors	null	Yes	2
CA	CA610	Alameda County,	456686	133	Pescadero clay, drained	Omni	1934	5	No	96.7	flood plains	null	Yes	2

		California, Western Part												
CA	CA610	Alameda County, California, Western Part	456687	134	Pescadero clay, ponded	Pescadero	1302	85	Yes	1106.7	rim	null	Yes	2, 3
CA	CA610	Alameda County, California, Western Part	456687	134	Pescadero clay, ponded	Omni	1302	10	No	130.2	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456687	134	Pescadero clay, ponded	Reyes	1302	5	No	65.1	tidal flats	null	Yes	2, 3, 4
CA	CA610	Alameda County, California, Western Part	456690	137	Novato clay, tidally flooded	Novato	3615	85	Yes	3072.8	tidal flats	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456690	137	Novato clay, tidally flooded	Unnamed, strongly saline, no polysulfides	3615	10	No	361.5	marshes	null	Yes	2, 3, 4
CA	CA610	Alameda County, California, Western Part	456690	137	Novato clay, tidally flooded	Pescadero, drained	3615	5	No	180.8	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456691	138	Novato clay, ponded	Novato, ponded	16956	85	Yes	14412.6	tidal flats	null	Yes	2, 3, 4
CA	CA610	Alameda County, California, Western Part	456691	138	Novato clay, ponded	Unnamed, strongly saline, no polysulfides	16956	10	No	1695.6	marshes	null	Yes	2, 3, 4
CA	CA610	Alameda County, California, Western Part	456691	138	Novato clay, ponded	Pescadero, ponded	16956	5	No	847.8	basin floors	null	Yes	4
CA	CA610	Alameda County, California, Western Part	456692	139	Reyes clay, 0 to 2 percent slopes	Reyes	3737	85	Yes	3176.5	tidal flats	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456692	139	Reyes clay, 0 to 2 percent slopes	Unnamed, strongly saline, no polysulfides	3737	10	No	373.7	marshes	null	Yes	2, 3, 4

CA	CA610	Alameda County, California, Western Part	456692	139	Reyes clay, 0 to 2 percent slopes	Pescadero, drained	3737	5	No	186.9	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456694	141	Riverwash	Riverwash	86	100	Yes	86.0	channels, streams	null	Yes	4
CA	CA610	Alameda County, California, Western Part	456696	143	Sycamore silt loam, drained, 0 to 2 percent slopes, MLRA 14	Laugenour	4813	5	No	240.7	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456696	143	Sycamore silt loam, drained, 0 to 2 percent slopes, MLRA 14	Unnamed	4813	5	No	240.7	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456696	143	Sycamore silt loam, drained, 0 to 2 percent slopes, MLRA 14	Omni	4813	5	No	240.7	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456697	144	Sycamore silt loam, clay substratum	Unnamed	307	10	No	30.7	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483672	145scl	Urbanland-Hangerone complex, 0 to 2 percent slopes, drained	Hangerone, drained	null	25	Yes	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483672	145scl	Urbanland-Hangerone complex, 0 to 2 percent slopes, drained	Bayshore	null	2	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483672	145scl	Urbanland-Hangerone complex, 0 to 2 percent slopes, drained	Clear Lake	null	2	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483672	145scl	Urbanland-Hangerone complex, 0 to 2 percent slopes, drained	Embarcadero	null	1	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456699	146	Urban land	Unnamed, soils in marshes	10695	5	No	534.8	basin floors	null	Yes	2
CA	CA610	Alameda County, California,	456700	147	Urban land-Baywood complex	Laugenour	3843	3	No	115.3	flood plains	null	Yes	2, 4

		Western Part												
CA	CA610	Alameda County, California, Western Part	456700	147	Urban land-Baywood complex	Omni	3843	2	No	76.9	flood plains	null	Yes	2, 4
CA	CA610	Alameda County, California, Western Part	456701	148	Urban land-Clear Lake complex	Clear Lake	4156	35	Yes	1454.6	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456701	148	Urban land-Clear Lake complex	Marvin	4156	5	No	207.8	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456701	148	Urban land-Clear Lake complex	Omni	4156	5	No	207.8	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456702	149	Urban land-Danville complex	Clear Lake	2937	2	No	58.7	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483682	151scl	Embarcadero silty clay loam, drained, 0 to 2 percent slopes	Embarcadero	null	90	Yes	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483682	151scl	Embarcadero silty clay loam, drained, 0 to 2 percent slopes	Hangerone	null	5	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456707	154	Willows clay, drained	Willows	2064	85	Yes	1754.4	ridges	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456707	154	Willows clay, drained	Clear Lake	2064	5	No	103.2	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456707	154	Willows clay, drained	Omni	2064	5	No	103.2	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	456707	154	Willows clay, drained	Unnamed	2064	5	No	103.2	depressions	null	Yes	2
CA	CA610	Alameda County,	456709	156	Xeropsammets, fill	Unnamed	4764	5	No	238.2	depressions	null	Yes	3

		California, Western Part												
CA	CA610	Alameda County, California, Western Part	456714	161	Yolo silt loam, 0 to 3 percent slopes, dry, MLRA 14	Unnamed	6375	5	No	318.8	flood plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483674	165scl	Urbanland- Campbell complex, 0 to 2 percent slopes, protected	Clear Lake	null	5	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	2483673	166scl	Campbell silt loam, 0 to 2 percent slopes, protected	Clear Lake	null	5	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	801695	ArDaa	Altamont rocky clay, moderately deep, 7 to 30 percent slopes	Clear Lake	null	2	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	801695	ArDaa	Altamont rocky clay, moderately deep, 7 to 30 percent slopes	Pescadero	null	2	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	825140	Cccc	Clear Lake clay, 0 to 15 percent slopes, MLRA 15	Pescadero	100	4	No	4.0	depressions	null	Yes	2
CA	CA610	Alameda County, California, Western Part	825140	Cccc	Clear Lake clay, 0 to 15 percent slopes, MLRA 15	Unnamed	100	3	No	3.0	strand plains	null	Yes	2
CA	CA610	Alameda County, California, Western Part	801696	DvCaa	Diablo clay, very deep, 3 to 15 percent slopes	Clear Lake	null	3	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	801696	DvCaa	Diablo clay, very deep, 3 to 15 percent slopes	Pescadero	null	2	No	null	basin floors	null	Yes	2
CA	CA610	Alameda County, California, Western Part	801697	LsCaa	Los Osos loam, seeped variant, 3 to 15 percent slopes	Unnamed	null	5	No	null	depressions	null	Yes	2

Report Metadata: [Back to top](#)

- **Area_Symbol:** A symbol that uniquely identifies a single occurrence of a particular type of area (e.g. Dane Co., Wisconsin is WI025).
- **Area_Name:** The name given to the specified geographic area.

- **mukey:** A non-connotative string of characters used to uniquely identify a record in the Mapunit table.
- **Mapunit_SYM:** The symbol used to uniquely identify the soil mapunit in the soil survey.
- **Mapunit_Name:** Correlated name of the mapunit (recommended name or field name for surveys in progress).
- **Comp_Name_phase:** Component name - Name assigned to a component based on its range of properties. Local Phase - Phase criterion to be used at a local level, in conjunction with "component name" to help identify a soil component.
- **muacres:** The number of acres of a particular mapunit.
- **Comp_RV_Pct:** The percentage of the component of the mapunit.
- **majcompflag:** Indicates whether or not a component is a major component in the mapunit.
- **Comp_Acres:** The number of acres of a particular component in a mapunit. $((\text{muacres} * \text{compct_r}) / 100)$
- **Comp_Landform:** A word or group of words used to name a feature on the earth's surface, expressed in the plural form. Column Physical
- **Hydric_Rating:** A yes/no field that indicates whether or not a map unit component is classified as a "hydric soil". If rated as hydric, the specific criteria met are listed in the Component Hydric Criteria table.
- **Hydric_criteria:** Criterion code for the soil characteristic(s) and/or feature(s) that cause the map unit component to be classified as a "hydric soil." These codes are the paragraph numbers in the hydric soil criteria publication.

Criteria:

1. All Histels except Folistels and Histosols except Folists; or
2. Map unit components in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, or Andic, Cumulic, Pachic, or Vitrandic subgroups that:
 - a. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - b. Show evidence that the soil meets the definition of a hydric soil;
3. Map unit components that are frequently ponded for long duration or very long duration during the growing season that:
 - a. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - b. Show evidence that the soil meets the definition of a hydric soil; or
4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
 - a. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
 - b. Show evidence that the soils meet the definition of a hydric soil.