

MAP LEGEND

Area of Interest (AOI)

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Soils



 Soil Map Units

Soil Ratings



-  Excessively drained
-  Somewhat excessively drained
-  Well drained
-  Moderately well drained
-  Somewhat poorly drained
-  Poorly drained
-  Very poorly drained
-  Not rated or not available

Political Features

Municipalities

-  Cities
-  Urban Areas



Water Features

-  Oceans
-  Streams and Canals

Transportation

 Rails

Roads

-  Interstate Highways
-  US Routes

-  State Highways
-  Local Roads
-  Other Roads

MAP INFORMATION

Original soil survey map sheets were prepared at publication scale. Viewing scale and printing scale, however, may vary from the original. Please rely on the bar scale on each map sheet for proper map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: UTM Zone 10N

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Sonoma County, California
 Survey Area Data: Version 4, Dec 12, 2007

Date(s) aerial images were photographed: 7/10/1993

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Drainage Class

Drainage Class— Summary by Map Unit — Sonoma County, California				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AdA	ALLUVIAL LAND, SANDY	Somewhat excessively drained	145.2	1.5%
AeA	ALLUVIAL LAND, CLAYEY	Well drained	85.8	0.9%
CcA	CLEAR LAKE CLAY LOAM, 0 TO 2 PERCENT SLOPES	Poorly drained	630.0	6.4%
CcB	CLEAR LAKE CLAY LOAM, 2 TO 5 PERCENT SLOPES	Poorly drained	219.7	2.2%
CeA	CLEAR LAKE CLAY, 0 TO 2 PERCENT SLOPES	Poorly drained	2,941.2	30.0%
CeB	CLEAR LAKE CLAY, 2 TO 5 PERCENT SLOPES	Poorly drained	13.5	0.1%
CfA	CLEAR LAKE CLAY, PONDED, 0 TO 2 PERCENT SLOPES	Poorly drained	463.3	4.7%
CtC	COTATI FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	Moderately well drained	13.4	0.1%
CtD	COTATI FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	Moderately well drained	29.5	0.3%
DbC	DIABLO CLAY, 2 TO 9 PERCENT SLOPES	Well drained	137.4	1.4%
DbD	DIABLO CLAY, 9 TO 15 PERCENT SLOPES	Well drained	100.7	1.0%
DbE	DIABLO CLAY, 15 TO 30 PERCENT SLOPES	Well drained	45.3	0.5%
DbE2	DIABLO CLAY, 15 TO 30 PERCENT SLOPES, ERODED	Well drained	61.7	0.6%
DbF	DIABLO CLAY, 30 TO 50 PERCENT SLOPES	Well drained	68.1	0.7%
GdD	GOLDRIDGE FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	Moderately well drained	21.3	0.2%
GgD	GOULDING CLAY LOAM, 5 TO 15 PERCENT SLOPES	Well drained	158.6	1.6%
GgE	GOULDING CLAY LOAM, 15 TO 30 PERCENT SLOPES	Well drained	13.8	0.1%

Drainage Class— Summary by Map Unit — Sonoma County, California				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
GgF	GOULDING CLAY LOAM, 30 TO 50 PERCENT SLOPES	Well drained	260.7	2.7%
GID	GOULDING COBBLY CLAY LOAM, 5 TO 15 PERCENT SLOPES	Well drained	200.5	2.0%
GIE	GOULDING COBBLY CLAY LOAM, 15 TO 30 PERCENT SLOPES	Well drained	261.9	2.7%
GIF	GOULDING COBBLY CLAY LOAM, 30 TO 50 PERCENT SLOPES	Well drained	403.7	4.1%
GIG	GOULDING COBBLY CLAY LOAM, 50 TO 75 PERCENT SLOPES	Well drained	9.3	0.1%
GoF	GOULDING-TOOMES COMPLEX, 9 TO 50 PERCENT SLOPES	Well drained	1,777.9	18.1%
HaB	HAIRE FINE SANDY LOAM, HUMMOCKY, 0 TO 5 PERCENT SLOPES	Moderately well drained	123.0	1.3%
KeE	KIDD STONY LOAM, 2 TO 30 PERCENT SLOPES	Well drained	41.7	0.4%
RaC	RAYNOR CLAY, 2 TO 9 PERCENT SLOPES	Well drained	325.7	3.3%
RaD	RAYNOR CLAY, 9 TO 15 PERCENT SLOPES	Well drained	257.8	2.6%
RaE	RAYNOR CLAY, 15 TO 30 PERCENT SLOPES	Well drained	287.5	2.9%
RcD	RAYNOR CLAY, SEEPED, 2 TO 15 PERCENT SLOPES	Well drained	167.8	1.7%
RnA	RIVERWASH	Excessively drained	95.5	1.0%
SkC	SPRECKELS LOAM, 2 TO 9 PERCENT SLOPES	Well drained	45.5	0.5%
SkD	SPRECKELS LOAM, 9 TO 15 PERCENT SLOPES	Well drained	62.4	0.6%
Ske	SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES	Well drained	54.2	0.6%
Ske2	SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES, ERODED	Well drained	22.6	0.2%

Drainage Class— Summary by Map Unit — Sonoma County, California				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
SnF	STEINBECK LOAM, 30 TO 50 PERCENT SLOPES	Moderately well drained	5.7	0.1%
SoF	STONYFORD GRAVELLY LOAM, 30 TO 50 PERCENT SLOPES	Well drained	14.7	0.2%
ToE	TOOMES ROCKY LOAM, 2 TO 30 PERCENT SLOPES	Well drained	124.4	1.3%
ToG	TOOMES ROCKY LOAM, 30 TO 75 PERCENT SLOPES	Well drained	47.4	0.5%
W	WATER		13.3	0.1%
ZaA	ZAMORA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Well drained	45.0	0.5%
Totals for Area of Interest (AOI)			9,796.7	100.0%

Description

"Drainage class (natural)" refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed. Alterations of the water regime by human activities, either through drainage or irrigation, are not a consideration unless they have significantly changed the morphology of the soil. Seven classes of natural soil drainage are recognized—excessively drained, somewhat excessively drained, well drained, moderately well drained, somewhat poorly drained, poorly drained, and very poorly drained. These classes are defined in the "Soil Survey Manual."

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher