




























MAP LEGEND

- Area of Interest (AOI)**
 -  Area of Interest (AOI)
- Soils**
 -  Soil Map Units
- Soil Ratings**
 -  .02
 -  .05
 -  .10
 -  .15
 -  .17
 -  .20
 -  .24
 -  .28
 -  .32
 -  .37
 -  .43
 -  .49
 -  .55
 -  .64
 -  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.

K Factor, Whole Soil

K Factor, Whole Soil— Summary by Map Unit — Sonoma County, California				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AdA	ALLUVIAL LAND, SANDY	.15	145.2	1.5%
AeA	ALLUVIAL LAND, CLAYEY	.24	85.8	0.9%
CcA	CLEAR LAKE CLAY LOAM, 0 TO 2 PERCENT SLOPES	.28	630.0	6.4%
CcB	CLEAR LAKE CLAY LOAM, 2 TO 5 PERCENT SLOPES	.28	219.7	2.2%
CeA	CLEAR LAKE CLAY, 0 TO 2 PERCENT SLOPES	.24	2,941.2	30.0%
CeB	CLEAR LAKE CLAY, 2 TO 5 PERCENT SLOPES	.24	13.5	0.1%
CfA	CLEAR LAKE CLAY, PONDED, 0 TO 2 PERCENT SLOPES	.24	463.3	4.7%
CtC	COTATI FINE SANDY LOAM, 2 TO 9 PERCENT SLOPES	.32	13.4	0.1%
CtD	COTATI FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	.32	29.5	0.3%
DbC	DIABLO CLAY, 2 TO 9 PERCENT SLOPES	.24	137.4	1.4%
DbD	DIABLO CLAY, 9 TO 15 PERCENT SLOPES	.24	100.7	1.0%
DbE	DIABLO CLAY, 15 TO 30 PERCENT SLOPES	.24	45.3	0.5%
DbE2	DIABLO CLAY, 15 TO 30 PERCENT SLOPES, ERODED	.24	61.7	0.6%
DbF	DIABLO CLAY, 30 TO 50 PERCENT SLOPES	.24	68.1	0.7%
GdD	GOLDRIDGE FINE SANDY LOAM, 9 TO 15 PERCENT SLOPES	.28	21.3	0.2%
GgD	GOULDING CLAY LOAM, 5 TO 15 PERCENT SLOPES	.32	158.6	1.6%
GgE	GOULDING CLAY LOAM, 15 TO 30 PERCENT SLOPES	.32	13.8	0.1%

K Factor, Whole Soil— 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	.32	260.7	2.7%
GID	GOULDING COBBLY CLAY LOAM, 5 TO 15 PERCENT SLOPES	.20	200.5	2.0%
GIE	GOULDING COBBLY CLAY LOAM, 15 TO 30 PERCENT SLOPES	.20	261.9	2.7%
GIF	GOULDING COBBLY CLAY LOAM, 30 TO 50 PERCENT SLOPES	.20	403.7	4.1%
GIG	GOULDING COBBLY CLAY LOAM, 50 TO 75 PERCENT SLOPES	.20	9.3	0.1%
GoF	GOULDING-TOOMES COMPLEX, 9 TO 50 PERCENT SLOPES	.32	1,777.9	18.1%
HaB	HAIRE FINE SANDY LOAM, HUMMOCKY, 0 TO 5 PERCENT SLOPES	.32	123.0	1.3%
KeE	KIDD STONY LOAM, 2 TO 30 PERCENT SLOPES	.17	41.7	0.4%
RaC	RAYNOR CLAY, 2 TO 9 PERCENT SLOPES	.24	325.7	3.3%
RaD	RAYNOR CLAY, 9 TO 15 PERCENT SLOPES	.24	257.8	2.6%
RaE	RAYNOR CLAY, 15 TO 30 PERCENT SLOPES	.24	287.5	2.9%
RcD	RAYNOR CLAY, SEEPED, 2 TO 15 PERCENT SLOPES	.24	167.8	1.7%
RnA	RIVERWASH	.05	95.5	1.0%
SkC	SPRECKELS LOAM, 2 TO 9 PERCENT SLOPES	.37	45.5	0.5%
SkD	SPRECKELS LOAM, 9 TO 15 PERCENT SLOPES	.37	62.4	0.6%
Ske	SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES	.37	54.2	0.6%
Ske2	SPRECKELS LOAM, 15 TO 30 PERCENT SLOPES, ERODED	.37	22.6	0.2%

K Factor, Whole Soil— 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	.32	5.7	0.1%
SoF	STONYFORD GRAVELLY LOAM, 30 TO 50 PERCENT SLOPES	.24	14.7	0.2%
ToE	TOOMES ROCKY LOAM, 2 TO 30 PERCENT SLOPES	.32	124.4	1.3%
ToG	TOOMES ROCKY LOAM, 30 TO 75 PERCENT SLOPES	.32	47.4	0.5%
W	WATER		13.3	0.1%
ZaA	ZAMORA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	.37	45.0	0.5%
Totals for Area of Interest (AOI)			9,796.7	100.0%

Description

Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and saturated hydraulic conductivity (Ksat). Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

"Erosion factor Kw (whole soil)" indicates the erodibility of the whole soil. The estimates are modified by the presence of rock fragments.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Layer Options: Surface Layer