

Supplemental Data for:

Jones, G.V., A.A. Duff, A. Hall, and J.W. Myers. 2010. Spatial analysis of climate in winegrape growing regions in the western United States. *Am. J. Enol. Vitic.* 61:313-326.

Supplemental Table 1 Western United States American Viticultural Area (AVA) area and elevation.
Table contains the entire collection of 135 western U.S. AVAs and is referenced to Table 2 in the article.

AVA	State	Area ^a (km ²)	Elevation (m)			
			Median	Max	Min	Range
Alexander Valley	CA	316.9	148	746	48	698
Alta Mesa	CA	225.4	16	39	7	32
Anderson Valley	CA	236.2	217	536	60	476
Applegate Valley	OR	1125.8	690	1973	304	1669
Arroyo Grande Valley	CA	158.2	200	504	20	484
Arroyo Seco	CA	131.7	91	482	52	430
Atlas Peak	CA	50.4	461	753	261	492
Ben Lomond Mt.	CA	142.5	439	788	91	697
Benmore Valley	CA	5.8	792	852	645	207
Bennett Valley	CA	33.7	215	478	76	402
Borden Ranch	CA	283.8	54	121	19	102
Calistoga ^b	CA	51.8	143	388	86	302
Capay Valley	CA	401.4	307	892	60	832
Carmel Valley	CA	73.9	405	778	161	617
Central Coast	CA	22159.4	325	1670	0	1670
Chalk Hill	CA	91.4	103	123	103	20
Chalone	CA	31.3	480	604	333	271
Chehalem Mountains	OR	252.8	157	455	39	416
Chiles Valley	CA	26.0	313	498	243	255
Cienega Valley	CA	28.7	363	629	244	385
Clarksburg	CA	275.4	1	3	0	3
Clear Lake	CA	887.5	472	1206	399	807
Clements Hills	CA	335.3	45	122	18	104
Cole Ranch	CA	0.8	474	524	456	68
Columbia River Gorge OR ^c	OR	496.6	380	849	43	806
Columbia River Gorge WA ^c	WA	259.7	369	759	46	713
Columbia Valley OR ^c	OR	9587.0	379	1036	22	1014
Columbia Valley WA ^c	WA	36519.1	425	1559	22	1537
Cosumnes River	CA	213.9	6	12	0	12
Covelo	CA	162.1	487	823	426	397
Cucamonga Valley	CA	547.2	344	776	174	602
Diablo Grande	CA	141.1	413	774	127	647
Diamond Mountain	CA	20.1	306	635	162	473
Dos Rios	CA	67.6	445	831	251	580
Dry Creek Valley	CA	315.4	242	709	25	684
Dundee Hills	OR	50.8	122	301	54	247
Dunnigan Hills	CA	271.2	60	122	14	108
Edna Valley	CA	97.9	85	211	40	171
El Dorado	CA	1655.1	724	1522	161	1361
Eola-Amity Hills	OR	158.8	127	314	57	257
Fair Play	CA	94.0	674	1032	502	530
Fiddletown	CA	48.9	549	735	380	355
Guenoc Valley	CA	17.0	323	482	297	185
Hames Valley	CA	49.9	234	374	171	203
High Valley	CA	69.7	601	1018	406	612
Horse Heaven Hills	WA	2322.0	311	671	91	580
Howell Mountain	CA	53.0	532	778	313	465
Jahant	CA	114.0	15	30	1	29

Supplemental Table 1 (continued) Western United States American Viticultural Area (AVA) area and elevation.
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AVA	State	Area ^a (km ²)	Elevation (m)			
			Median	Max	Min	Range
Knights Valley	CA	151.1	257	1186	65	1121
Lime Kiln Valley	CA	9.3	363	522	262	260
Livermore Valley	CA	966.3	234	1028	52	976
Lodi	CA	2195.2	24	151	0	152
Los Carneros	CA	151.3	29	380	0	380
Madera	CA	1851.1	65	148	38	110
Malibu-Newton Canyon	CA	4.1	603	793	487	306
McDowell Valley	CA	9.1	245	316	184	132
McMinnville	OR	149.3	152	355	60	295
Mendocino	CA	715.4	375	1139	124	1015
Mendocino Ridge	CA	339.7	429	780	140	640
Merritt Island	CA	20.2	1	2	0	2
Mokelumne River	CA	332.3	11	28	0	28
Monterey	CA	2442.1	115	783	0	783
Mount Harlan	CA	31.6	714	929	436	493
Mt. Veeder	CA	68.8	340	777	112	665
Napa Valley	CA	1623.9	248	1175	0	1175
North Coast	CA	13236.7	299	1625	0	1625
North Yuba	CA	90.0	530	841	197	644
Northern Sonoma	CA	1308.5	193	1186	25	1161
Oak Knoll District	CA	40.1	28	270	7	263
Oakville	CA	28.1	51	278	48	230
Pacheco Pass	CA	37.4	119	428	44	384
Paicines	CA	75.2	253	608	171	437
Paso Robles	CA	2464.2	398	745	176	569
Potter Valley	CA	117.6	352	921	272	649
Puget Sound	WA	11654.0	78	963	0	963
Ramona Valley	CA	359.3	495	900	241	659
Rattlesnake Hills	WA	301.2	547	850	365	485
Red Hills Lake County	CA	125.6	621	1101	421	680
Red Hills of Douglas County	OR	22.5	286	378	182	196
Red Mountain	WA	18.4	208	311	152	159
Redwood Valley	CA	130.5	350	733	243	490
Ribbon Ridge	OR	14.2	110	181	61	120
River Junction	CA	5.3	6	9	6	3
Rockpile	CA	59.7	427	679	244	435
Rogue Valley	OR	4638.4	576	1987	244	1743
Russian River Valley	CA	631.7	62	438	15	423
Rutherford	CA	30.3	55	278	48	230
Saddle Rock-Malibu	CA	8.3	558	661	442	219
Salado Creek	CA	11.9	53	105	40	65
San Antonio Valley	CA	557.5	368	813	214	599
San Benito	CA	189.8	283	685	120	565
San Bernabe	CA	103.4	170	409	88	321
San Francisco Bay	CA	7670.3	169	1069	0	1069
San Lucas	CA	140.3	161	291	101	190
San Pasqual Valley	CA	43.5	142	411	104	307
San Ysidro District	CA	10.2	68	112	48	64
Santa Clara Valley	CA	1290.1	68	444	0	444
Santa Cruz Mountains	CA	1661.0	337	1069	5	1064

Supplemental Table 1 (continued) Western United States American Viticultural Area (AVA) area and elevation.
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AVA	State	Area ^a (km ²)	Elevation (m)			
			Median	Max	Min	Range
Santa Lucia Highlands	CA	84.1	236	743	35	708
Santa Maria Valley	CA	415.6	235	895	64	831
Santa Rita Hills	CA	135.2	166	461	59	402
Santa Ynez Valley	CA	736.0	263	909	60	849
Seiad Valley	CA	10.2	481	670	426	244
Shenandoah Valley	CA	54.0	442	600	250	350
Sierra Foothills	CA	10806.8	470	1701	54	1647
Sloughhouse	CA	302.5	50	151	17	134
Snake River Valley ID ^c	ID	15429.5	895	1398	549	849
Snake River Valley OR ^c	OR	6222.4	865	1471	554	917
Solano Co Green Valley	CA	56.5	138	613	5	608
Sonoma Co Green Valley	CA	77.2	88	247	28	219
Sonoma Coast	CA	2123.9	76	654	0	654
Sonoma Mountain	CA	23.5	267	544	146	398
Sonoma Valley	CA	470.2	225	731	0	731
South Coast	CA	8566.8	247	1661	0	1661
Southern Oregon	OR	9245.3	406	1987	34	1953
Spring Mountain District	CA	34.4	414	699	162	537
St. Helena	CA	37.3	89	197	59	138
Stags Leap District	CA	12.4	34	127	20	107
Susiu Valley	CA	66.7	24	158	1	157
Temecula Valley	CA	373.9	426	845	191	654
Tracy Hills	CA	153.7	58	207	26	181
Trinity Lakes	CA	436.2	809	1313	548	765
Tulocay ^b	CA	46.4	57	452	1	451
Umpqua Valley	OR	2805.8	236	718	34	684
Wahluke Slope	WA	334.4	240	475	122	353
Walla Walla Valley OR ^c	OR	406.4	356	784	161	623
Walla Walla Valley WA ^c	WA	899.9	278	757	122	635
Wild Horse Valley	CA	16.0	373	494	253	241
Willamette Valley	OR	13875.9	122	797	6	791
Willow Creek	CA	41.1	230	486	126	360
Yakima Valley	WA	2830.5	277	1023	152	871
Yamhill-Carlton District	OR	235.3	122	365	51	314
York Mountain	CA	25.9	406	553	331	222
Yorkville Highlands	CA	183.3	412	927	243	684
Yountville	CA	33.7	81	358	18	340

^aArea rounded to the nearest 0.1 km² (10 ha); approximate due to the grid-based estimation procedure.

^bCalistoga and Tulocay AVAs were only proposed and not officially established at the time this research was initiated.

^cEach of these AVAs spans two states and has been split for differentiation by state.

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