

STATUS OF BASIC SOIL SURVEYS IN CALIFORNIA

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Table 1

COUNTY	DETAILED BASIC SOIL SURVEYS						UPLAND VEGETATION - SOIL SURVEYS	
	TOTAL	Available		Needed		In	Completed	Needed
	AREA Sq. Mi.	Area	Sq. Mi.	Area	Sq. Mi.	Progress		
Alameda	730	Tracy ^{1/}	80	Alameda	650			
Alpine	770			Markleeville	70			700
Amador	600			Jackson	400*			200*
Butte	1700	Chico ^{2/} Oroville ^{2/}	480 510					700
Calaveras	1030	Stockton ^{1/}	35	Calaveras	800*			200*
Colusa	1140	Colusa ^{1/}	1140					
Contra Costa	710	Contra Costa ^{2,4/}	710					
Del Norte	1020			Coast	150			870*
El Dorado	1740	Placerville ^{2/}	560					1180
Fresno	5930	Coalinga ^{1/}	1410			Eastern Fresno 1250		3270*
Glenn	1340					Glenn 1000		340*
Humboldt	3580	Eureka ^{2/}	445				550	3100
Imperial	4080	Brawley ^{2/} El Centro ^{2/} East Mesa ^{1/} Yuma ^{2/}	611 540 450 41	West Mesa	100			
Inyo	9990	Bishop ^{2/}	297	Independence	300			1000
Kern	8000	Bakersfield ^{1/} Wasco ^{1/}	1119 802	Inyo-Kern Mojave Tehachapi West Side	300 300 125 470			3000
Kings	1160	Kings County ^{1/}	1160					

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		Available		Needed		In	Completed	Needed
		Area	Sq. Mi.	Area	Sq. Mi.	Progress		
Lake	1240	Clear Lake ^{2/}	396				620	
Lassen	4530	Big Valley ^{2/}	245	Madeline Plains	400			3360
		Honey Lake ^{2/}	529					
Los Angeles	4120	Lancaster ^{2/}						
		Los Angeles ^{3/}						
		Pasadena ^{3/}	1771	Wilsonia	540			1500
		Riverside ^{3/}						
		San Fernando ^{3,4/}						
Madera	2170					Madera** 2170		
Marin	550			Marin	550			
Mariposa	1460			Mariposa	600*			860
Mendocino	3540	Ukiah ^{3,4/}		Coast Covelo	100 40		3000	510
Merced	2000					Los Banos** 970 Merced** 1030		
Modoc	3820	Alturas ^{2,4/}	891	Tule Lake	200			2500
		Big Valley ^{3/}	50					
Mono	3030			Valleys	500			700
Monterey	3330	Kings City	1968					
		Salinas		Parkfield	50			1600
		Santa Cruz	20					
Napa	740	Napa ^{2,4/}	583					200*
Nevada	970	Grass Valley ^{3/}	439					500
Orange	800	Anaheim ^{3/}						
		Capistrano ^{2/}	700					300*
Placer	1410	Auburn ^{3/}	611					800
Plumas	2600			Sierra Valley	200			2400

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		Available		Needed		In		
		Area	Sq. Mi.	Area	Sq. Mi.	Progress	Completed	Needed
Riverside	7230	Coachella ^{2/} Palo Verde ^{2/} Mesa ^{1/} River ^{1/} Riverside ^{3/}	344 423 39 34 200	Beaumont Chuckawalla Perris	400 300 1000			800
Sacramento	970	Sacramento ^{1/}	970					
San Benito	1390	Hollister ^{2/}	301	Panoche Valley	50			1080*
San Bernardino	20,170	Barstow ^{2/} Riverside ^{3/} Victorville ^{2/}	235 300 354					1000
San Diego	4230	Capistrano ^{2/} El Cajon ^{2,4/} Oceanside ^{2,4/}	215 605 577	Borega Valley	50			1800*
San Francisco	40							
San Joaquin	1450	Lodi Delta Stockton Tracy Paso						
San Luis Obispo	3340	Robles ^{2,4/} San Luis Obispo ^{2/}	1283 734	Carrizo Plain	200			1100*
San Mateo	450	SC District	50	San Mateo	400			
Santa Barbara	2740	Cuyama Valley ^{1/} Coast ^{1/} Santa Maria ^{3/} Santa Ynez ^{2/}	100 450 296 754					1100
Santa Clara	1330	Gilroy ^{2/} Santa Clara ^{1/}	311 491					500
Santa Cruz	440	Santa Cruz ^{2/}	440					300**
Shasta	3860			Burney Redding	250 500			3000
Sierra	920			Sierra Valley Indian Valley	100 50			

COUNTY	TOTAL		DETAILED BASIC SOIL SURVEYS				UPLAND VEGETATION-		
	AREA		Available		Needed		SOIL SURVEYS		
	Sq. Mi.		Area	Sq. Mi.	Area	Sq. Mi.	In Progress	Completed	Needed
Siskiyou	6260	Shasta Valley ^{3/}	512		Dorris	150			
					Scott Valley	200			5300
Solano	820	Dixon ^{2/}							
		Suisun ^{2,4/}	820						
Sonoma	1580				Sonoma	980		200	400*
Stanislaus	1450	Newman ^{1/}	295				Eastern		
		Stockton ^{1/}	141				Stanislaus		
							1014		
Sutter	610				Sutter	610			
Tehama	2920				Tehama	1100			1820*
Trinity	3100							75	3025
Tulare	4850	Pixley ^{1/}	900						
		Visalia ^{1/}	850						3100
Tuolumne	2190				Sonora	300*			1890*
Ventura	1860	Ventura ^{3,4/}	1200		Revision and				
					republication				
Yolo	1010	Woodland ^{3,4/}	1010		Revision and				
					republication				
Yuba	630				Yuba	630			
Totals	155,670		35,277			14,115	7,434	4,445	56,005
Total									

acres 99,628,800 - Per cent of State 100.

^{1/}Recent surveys; good detail; mapping scale of 2" = 1 mile.

^{2/}Older surveys. 1" = 1 mile. Generalized on upland.

^{3/}Very old surveys that need revision and republication.

^{4/}Out of print.

*Surveys on upland areas that should be worked cooperatively with the Forestry and Range Group.

**Field work completed.

SUMMARY:

Total area in acres in State.	99,628,800
Area in acres of available detailed basic soil surveys.	22,577,280
Per cent of State.	22.6
Area in acres needing detailed basic soil surveys	9,033,600
Per cent of State.	9.0
Area in acres of basic detailed soil surveys, in progress	
(Eastern Stanislaus, Eastern Fresno, Glenn County).	2,088,960
Per cent of State.	2.1
Area of basic detailed soil surveys completed but not yet	
published	2,668,800
Per cent of State.	2.7
Area in acres of upland vegetation-soil surveys completed	2,844,800
Per cent of State.	2.8
Area in acres needing upland vegetation-soil surveys.	35,843,200
Per cent of State.	35.8
Area in acres, chiefly in desert, not currently listed as	
needing soil surveys.	25,056,640
Per cent of State.	25.0
Total area in acres covered by soil surveys of detailed, or	
semi-detailed, nature	28,090,880
Per cent of State.	28.1