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JA2.2 California Design Location Data

The data contained in the following table was obtained through a joint effort by the Southern California Chapter and the Golden Gate Chapter of ASHRAE. It is reprinted here with the written permission of Southern California Chapter ASHRAE, Inc. The values for 1.0 percent drybulb and 1.0 percent mean coincident wetbulb (MCWB) are interpolated.¹

The data in ~~Table 2-1~~ ~~Table 2-3~~ is developed from A full listing of design location data for California is contained in the ASHRAE publication *SPCDX, Climate Data for Region X, Arizona, California, Hawaii, and Nevada* (ISBN 200021, May 1982) and *Supplement to Climatic Data for Region X, Arizona, California, Hawaii, Nevada* (ISBN 20002956, November 1994). The publication may be ordered from:

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1 The interpolation formula is $2.0\%value + 0.6667 (0.5\%Value - 2.0\% value + 0.5)$.

Table 2-13 – Design Day Data for California Cities

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Adelanto	44	34.6	2865	117.4	105	67	101	65	100	64	97	62	70	68	39	14	24	27	1654
Adin RS	46	41.2	4195	121	96	61	92	60	91	60	88	59	65	63	43	-7	-2	4	
Agoura Hills	9	34.2	700	118.8	103	70	96	68	94	68	90	66	73	71	29	27	31	34	
Alameda NAS	3	37.8	15	122.3	88	65	82	64	80	64	76	62	66	64	21	35	38	40	2507
Alamo	42	37.9	410	122.9	102	69	97	68	96	68	92	66	72	70	30	23	28	31	
Albany	3	37.9	40	122.3	88	65	83	64	81	64	77	62	66	64	16	30	35	38	
Alderpoint	2	40.2	460	123.6	100	69	95	67	94	67	90	65	70	68	39	21	27	30	3424
Alhambra	9	34	483	118.1	100	71	96	70	94	70	90	68	73	71	25	30	35	37	
Aliso Viejo	6	33.6	50	117.7	91	69	83	68	81	68	76	66	71	69	18	30	33	36	
Almaden AFS	4	37.2	3470	121.9	95	62	90	60	89	60	85	59	64	62	20	20	25	29	4468
Alondra Park	8	33.9	50	118.3	91	69	86	68	85	68	81	66	71	69	17	35	40	42	
Alpine	10	32.8	1735	116.8	99	69	95	68	94	68	91	67	72	70	35	27	32	35	
Alta Sierra	46	35.7	6500	118.6	87	62	84	61	83	61	80	59	65	63	32	-4	1	8	2428
Altadena	9	34.2	1200	118.1	99	68	94	67	92	67	88	66	72	70	31	32	37	39	1920
Alturas RS	46	41.5	4400	120.6	99	62	96	61	95	61	91	59	65	63	43	-10	-4	0	6895
Alum Rock	4	37.4	70	121.8	95	68	90	66	88	66	84	64	70	68	22	28	33	36	
American Canyon	2	37.6	85	122.3	93	67	90	66	88	66	84	64	70	68	23	28	33	36	
Anaheim	8	33.8	158	117.9	99	69	92	68	90	68	85	67	73	71	26	32	37	39	
Anderson	44	40.5	430	122.3	107	71	103	70	101	70	97	68	72	70	30	26	31	34	
Angwin	2	38.6	1815	122.4	98	66	93	64	92	64	88	62	69	66	33	25	30	33	
Antioch	42	38	60	121.8	102	70	97	68	95	68	91	66	70	69	34	22	28	31	2627

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2016 Joint Appendices

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Apple Valley	44	34.5	2935	117.2	105	66	101	65	100	65	97	64	70	68	38	14	21	25	
Aptos	3	37	500	121.9	94	67	88	66	87	65	83	63	69	67	30	27	32	35	
Arcadia	9	34.2	475	118	100	69	96	68	95	68	91	67	73	71	30	31	36	38	
Arcata	4	41	218	124.1	75	61	69	59	68	59	65	58	61	60	11	28	31	33	5029
Arden	42	38.5	80	121.4	104	70	100	69	98	69	94	67	73	71	35	28	33	35	
Arroyo Grande	5	35.1	105	120.6	92	66	86	64	84	64	79	62	67	65	18	28	32	35	
Artesia	8	33.8	50	118.1	99	71	91	70	89	70	85	68	73	71	23	33	37	40	
Arvin	43	35.2	445	118.8	106	71	102	69	101	69	98	68	74	72	30	26	29	32	
Ash Mtn	43	36.5	1708	118.8	105	69	101	68	100	68	97	66	72	70	30	25	31	33	2703
Ashland	3	37.7	45	122.1	92	66	86	65	85	64	81	62	68	66	24	26	31	34	977
Atascadero	4	35.5	837	120.7	94	66	89	67	88	67	84	65	70	68	42	25	29	32	
Atherton	3	37.5	50	122.2	90	66	84	64	82	64	78	62	68	66	27	23	29	33	
Atwater	42	37.3	150	120.6	102	72	99	70	98	69	94	67	74	72	38	24	30	34	
Auberry	46	37.1	2140	119.5	102	69	98	67	97	66	95	64	71	69	36	21	27	30	3313
Auburn	44	38.9	1292	121.1	103	69	100	67	99	67	95	66	72	69	33	25	30	33	3089
Avalon	6	33.4	25	118.3	83	64	75	62	73	62	69	60	68	66	11	37	41	44	2204
Avenal	43	36	550	120.1	103	70	98	70	97	70	93	69	73	72	34	23	28	31	
Avocado Heights	9	34.2	550	118	101	69	97	68	95	68	91	68	74	72	30	28	32	35	741
Azusa	9	34.1	605	118.2	101	70	97	69	95	69	91	68	74	72	36	31	36	38	
Baker	44	35.3	940	116.1	115	73	112	72	111	72	108	70	77	75	29	23	28	31	
Bakersfield AP	43	35.4	475	119.1	106	71	102	70	101	70	98	68	74	72	34	26	31	35	2185
Balch PH	44	36.9	1720	116.0	100	67	97	66	96	66	93	64	71	69	26	26	31	34	
Baldwin Park	9	34	394	118	100	69	96	69	94	69	90	68	73	72	32	31	36	38	
Banning	45	33.9	2349	116.9	104	69	100	68	99	68	96	67	73	71	34	20	26	30	

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Barrett Dam	40	32.7	1623	116.7	103	69	97	68	96	68	92	67	73	71	35	22	26	28	2656
Barstow	44	34.9	2162	117	107	69	104	69	103	69	100	67	74	72	35	16	23	27	2580
Baywood-Los Osos	5	35.3	100		88	65	82	64	80	64	76	62	67	65	14	31	36	38	
Beale AFB	44	39.1	113	121.4	105	71	102	70	101	70	97	68	74	72	34	25	28	30	2835
Beaumont	40	33.9	2605	117	103	68	99	67	98	67	95	66	72	70	38	22	27	30	2628
Bell	8	33.9	143	118.2	97	70	91	69	89	69	85	67	72	70	22	33	38	41	
Bell Gardens	8	33.9	160	118.2	97	70	91	69	87	67	85	67	72	70	22	32	37	40	
Bellflower	8	33.8	73	118.1	98	70	91	69	89	69	85	67	72	70	21	32	37	40	
Belmont	3	37.5	33	122.3	90	66	84	64	82	64	78	62	68	66	24	29	34	36	
Ben Lomond	3	37.1	450	122.1	92	67	85	66	83	65	79	63	69	67	30	25	30	33	
Benicia	42	38.1	55	122.1	99	69	93	67	91	67	87	65	70	68	30	28	33	36	
Berkeley	3	37.9	345	122.3	90	64	83	63	81	63	76	61	66	64	16	33	37	40	2950
Berryessa Lake	2	38.6	480	122.1	102	70	98	69	96	69	92	67	72	70	35	26	31	34	
Beverly Hills	9	34.1	268	118.2	94	69	88	68	87	68	83	66	71	69	20	39	43	46	
Big Bar RS	46	40.8	1260	121.8	102	68	98	67	97	67	93	65	70	68	46	19	25	28	
Big Bear Lake	46	34.2	6745	116.9	87	59	83	58	82	58	79	56	64	62	32	-3	3	7	6850
Bishop AP	46	37.4	4108	118.4	103	61	100	60	99	60	97	58	65	63	40	5	12	16	4313
Blackhawk	42	37.7	10	121.9	88	65	82	64	80	64	76	62	66	64	21	35	38	40	977
Blackwells Corner	43	35.6	644	119.9	99	68	94	66	93	66	89	65	71	69	31	23	28	32	
Bloomington	40	34	980	117.4	106	71	102	70	101	70	98	69	75	73	34	30	35	38	
Blue Canyon AP	46	39.3	5280	120.7	88	60	85	59	84	59	81	57	64	62	20	13	20	24	5704
Blythe AP	45	33.6	395	114.7	115	74	112	73	111	73	108	71	80	78	27	28	33	36	1219
Blythe CO	45	33.6	268	114.6	115	74	112	73	111	73	108	71	80	78	27	24	29	32	1312
Boca	46	39.4	5575	120.1	92	58	89	57	88	57	84	55	62	60	46	-18	-13	-10	8340

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City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Bodie	46	38.2	8370	119	83	50	80	49	79	49	76	48	55	53	42	-21	-16	-13	
Bonadella Ranchos – Madera Rancho	43	36.8	270	119.9	105	72	101	70	100	70	96	68	74	72	40		29	32	1273
Bonita	7	32.7	105	117	91	69	82	67	81	66	78	64	70	68	20	28	32	44	1864
Boron AFS	44	35.1	3015	117.6	106	70	103	69	102	69	98	68	73	71	35	18	23	26	3000
Borrego Desert PK	45	33.2	805	116.4	112	76	107	74	105	74	101	72	79	77	36	25	30	33	
Bostonia	40	32.8	600	116.9	96	70	91	69	88	69	81	67	72	70	30	29	34	36	
Boulder Creek	3	37.2	493	122.1	92	67	85	65	83	65	79	63	69	67	30	25	30	33	1120
Bowman Dam	46	39.4	5347	120.7	89	59	86	57	85	57	82	55	63	60	26	9	17	22	5964
Boyes Hot Sprgs	2	38.2	300	122.5	100	70	95	69	93	69	89	67	72	70	40	22	28	31	1289
Brannan Island	42	38.1	30	121.7	100	69	95	68	93	68	89	67	72	70	10	24	28	31	
Brawley 2 SW	45	33	-100	115.6	113	74	110	73	109	73	105	73	81	79	32	25	30	33	1204
Brea Dam	8	33.9	275	117.9	100	69	94	68	92	68	86	66	73	71	29	30	34	37	
Brentwood	42	37.9	71	121.7	102	70	97	68	95	67	89	65	71	68	34	27	32	35	
Bridgeport	46	38.2	6470	119.2	89	56	86	54	85	54	82	53	60	57	41	-20	-15	-12	
Broderick-Bryte	42	38.6	20	121.5	104	71	100	69	98	69	94	67	72	71	36	25	31	35	
Brooks Ranch	42	38.8	294	122.2	104	71	99	70	97	70	93	68	73	71	35	19	25	28	2968
Buena Park	8	33.9	75	118	98	69	92	68	90	68	85	67	72	70	25	31	35	38	
Burbank AP	9	34.2	699	118.4	101	70	96	68	94	68	90	67	72	70	28	29	34	36	1701
Burbank Vly Pump	9	34.2	655	118.4	101	69	96	68	94	68	90	66	72	70	28	29	34	36	1678
Burlingame	3	37.6	10	122.4	88	67	82	64	80	64	76	63	68	65	20	30	35	37	
Burney	46	40.9	3127	121.7	95	64	92	63	91	63	88	61	67	65	42	0	5	12	6404
Butler Valley (Korbel)	4	40.7	420	123.9	91	66	86	64	85	64	81	62	67	65	22	20	26	29	
Buttonwillow	43	35.4	269	119.5	103	71	99	70	98	70	95	68	74	72	36	20	26	29	2621

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Cabrillo NM	7	32.7	410	117.2	89	69	84	68	83	68	80	67	71	69	12	39	43	45	
Cachuma Lake	5	34.6	781	120	97	69	92	67	91	67	87	65	70	68	19	26	31	34	
Calabasas	9	34.2	1100	118.6	102	71	98	70	97	70	93	69	73	71	26	26	30	33	2348
Calaveras Big Trees	46	38.3	4696	120.3	92	61	88	60	87	60	84	58	64	62	33	11	18	23	5848
Calexico	45	32.7	12	115.5	114	74	110	73	109	73	106	71	81	79	28	26	31	34	
California City	44	35.1	2400	118	107	69	104	68	103	68	99	66	72	70	33	10	17	22	2572
Callahan	46	41.3	3185	122.8	97	63	93	62	92	62	88	60	66	64	35	7	15	20	
Calwa	43	36.8	330	119.8	105	73	101	71	100	70	97	68	75	73	34	23	27	29	
Camarillo	6	34.2	147	119.2	91	69	84	68	82	68	78	67	71	69	22	28	32	35	
Cambria AFS	5	35.5	690	121.1	78	62	72	61	70	61	66	59	64	62	16	30	35	38	3646
Cameron Park	42	38.6	1800	121	101	67	98	66	97	66	93	65	70	68	42	20	26	29	2235
Camp Pardee	42	38.2	658	120.9	106	71	103	70	102	70	98	69	74	72	36	27	32	35	2812
Camp Pendleton	7	33.4	50	117.4	88	69	85	68	84	68	80	67	71	69	12	34	38	40	
Camp Roberts	4	35.8	765	120.8	106	72	101	71	99	71	95	69	74	72	45	16	24	27	2890
Campbell	4	37.3	195	121.8	93	69	88	66	87	66	83	65	71	68	30	28	33	36	
Campo	44	32.6	2630	116.5	101	67	95	66	94	66	90	66	71	69	41	16	23	27	3303
Canoga Park	9	34.2	790	118.6	104	71	99	70	97	70	93	69	74	72	38	25	30	33	1884
Cantil	44	35.3	2010	118	111	71	107	71	106	71	103	70	74	73	32	12	19	24	
Canyon Dam	46	40.1	4555	121.1	93	60	90	59	89	59	85	57	64	62	39	1	6	13	6834
Canyon Lake	49	33.8	1500	117.3	105	70	101	69	100	69	97	68	74	72	39	22	27	30	
Capitola	3	37	64	122	94	67	88	66	86	65	81	63	69	67	24	27	32	35	
Cardiff-by-the-Sea	7	33	80	117.3	87	68	83	67	81	67	77	65	70	68	12	35	39	41	
Carlsbad	7	33.2	44	117.4	87	68	83	67	81	67	77	65	70	68	10	34	38	40	
Carmel Valley	3	36.5	425	121.7	94	68	88	66	86	66	80	65	69	67	20	25	30	33	

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City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Carmel-by-the-Sea	3	36.5	20	121.9	87	65	78	62	76	62	71	61	66	63	20	30	35	38	968
Carmichael	42	38.6	100	121.5	104	70	100	69	98	69	94	68	73	71	35	25	35	37	1290
Carpinteria	6	34.4	385	119.5	90	69	83	67	81	67	77	65	70	68	15	30	34	37	
Carson	6	33.8	60	118.3	96	69	88	68	86	68	82	66	71	69	19	33	38	40	
Casa de Oro-Mount Helix	40	32.7	530	117.0	96	71	88	69	87	69	84	67	72	70	19	34	38	41	404
Castle AFB	42	37.4	188	120.6	105	71	101	70	100	70	96	69	73	71	33	24	28	31	2590
Castro Valley	3	37.6	177	122.2	93	67	87	67	85	67	80	65	69	68	25	24	29	32	
Castroville	3	36.8	20	121.8	86	66	77	63	75	63	70	61	67	64	18	32	37	40	1151
Cathedral City	45	33.8	400	116.5	117	74	113	73	112	73	109	72	79	78	33	26	31	34	374
Catheys Valley	42	37.4	1000	120.1	102	69	99	68	98	68	94	67	72	70	38	21	27	30	
Cecilville	46	41.1	3000	123.1	95	63	89	62	88	61	84	59	65	63	44	13	20	24	
Cedarville	46	41.5	4670	120.2	97	61	94	60	93	60	89	58	65	63	35	1	6	13	6304
Centerville PH	44	39.8	522	121.7	105	70	100	68	99	68	96	67	72	70	40	25	30	33	2895
Ceres	42	37.6	90	121	101	72	96	70	94	69	90	67	74	72	36	24	30	34	
Cerritos	8	33.9	34	118.1	99	71	92	69	90	69	85	68	73	71	23	33	38	40	
Charter Oak	9	34.1	600	117.9	101	70	97	69	95	69	91	68	74	72	34	29	34	36	
Chatsworth	9	34.2	964	118.6	98	69	93	68	91	68	87	66	72	70	38	26	31	34	664
Cherry Valley Dam	46	38	4765	119.9	96	62	92	61	91	61	88	59	65	63	32	9	16	21	
Cherryland	3	37.5	100	122.1	93	67	86	66	84	66	79	64	69	67	24	26	31	37	
Chester	46	40.3	4525	121.2	94	62	91	61	90	61	86	59	65	63	33	-3	2	8	
Chico Exp Sta	44	39.7	205	121.8	105	70	102	69	100	69	96	68	72	71	37	22	27	30	2878
China Lake	44	35.7	2220	117.7	112	70	108	68	107	68	104	68	74	72	33	15	22	25	2560
Chino	40	34	714	117.7	104	70	100	69	98	69	94	68	74	72	35	27	32	35	

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Chino Hills	49	34.1	800	117.7	104	70	100	69	98	69	94	68	74	72	35	27	32	35	800
Chowchilla	43	37	200	120.3	104	72	101	70	100	70	96	68	74	72	38	22	28	31	1250
Chula Vista	7	32.6	9	117.1	90	70	84	68	83	68	79	66	71	69	9	33	38	40	2072
Citrus Heights	42	38.7	138	121.5	104	71	100	70	98	70	94	68	74	72	36	24	26	29	
Claremont	9	34.1	1201	117.8	101	69	97	68	95	68	91	66	73	71	34	29	34	36	2049
Clarksburg	42	38.4	14	121.5	102	70	97	69	95	69	91	67	72	70	35	24	29	32	2971
Clayton	42	38	60	121.9	102	70	97	68	95	67	89	65	71	68	34	27	32	35	
Clearlake Highlands	2	39	1360	122.7	101	69	97	68	95	67	89	65	71	69	36	15	22	26	
Cloverdale	2	38.8	320	123	102	70	97	69	95	68	89	66	72	70	37	26	31	34	2763
Clovis	43	36.8	404	119.7	105	72	102	70	101	70	98	68	74	72	36	22	28	32	
Coachella	45	33.7	-76	116.2	114	74	110	73	109	73	106	73	80	79	28	25	30	34	
Coalinga	43	36.2	671	120.4	103	70	98	70	97	70	93	69	73	72	34	23	28	31	2592
Colfax	44	39.1	2418	121	100	66	97	65	96	65	92	63	69	67	29	22	28	31	3424
Colton	49	34.1	978	117.3	105	70	102	68	101	68	97	67	74	72	35	28	33	36	
Colusa	44	39.2	60	122	103	72	100	70	98	70	94	68	74	71	36	23	29	31	2793
Commerce	8	33.9	175	118.2	98	69	92	68	90	68	86	67	72	70	23	33	37	39	
Compton	8	33.9	71	118.2	97	69	90	68	88	68	83	67	72	70	21	33	37	39	1606
Concord	42	38	195	112	102	70	97	68	95	67	89	65	71	68	34	27	32	35	3035
Corcoran	43	36.1	200	119.7	106	72	102	71	101	71	98	70	74	73	36	22	28	31	2666
Corning	44	39.9	487	122.2	106	71	103	70	102	69	98	67	73	71	33	23	28	31	1330
Corona	49	33.9	710	117.6	104	70	100	69	98	69	92	67	74	72	35	26	31	34	1794
Coronado	7	32.7	20	117.2	89	69	82	67	80	67	76	65	70	68	10	36	39	41	1500
Corte Madera	3	37.9	55	122.5	97	68	91	66	89	66	84	64	69	68	34	28	33	35	
Costa Mesa	6	33.7	100	117.9	88	68	81	66	79	66	73	65	70	68	16	31	36	38	1482

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Cotati	2	38.3	100	122.7	99	69	94	68	93	68	89	66	71	69	32	24	28	30	1205
Country Club	12	37.8	600	121.3	102	69	97	68	96	68	92	66	72	70	30	68	28	31	977
Covelo	2	39.8	1385	123.3	99	67	93	65	91	65	87	63	69	67	43	15	22	26	4179
Covina	9	34.1	575	117.9	101	70	97	69	95	69	91	68	74	72	34	29	34	36	
Crescent City	4	41.8	40	124.2	75	61	69	59	68	59	65	58	61	60	18	28	33	36	4445
Crestline	16	34.2	4900	117.3	90	62	86	61	85	61	81	59	66	64	26	13	20	24	3200
Crockett	12	38	9	122.2	96	68	90	66	89	66	85	64	70	67	23	28	33	36	
Crows Landing	12	37.4	140	121.1	101	70	96	68	94	68	89	66	72	70	33	23	28	31	2767
Cucamonga	10	34.1	1450	117.6	103	69	99	68	97	67	93	65	73	71	31	29	34	36	
Cudahy	8	33.9	130	118.2	98	70	91	69	89	69	85	67	72	70	21	33	37	39	
Culver City	8	34	106	118.4	96	70	88	69	87	69	83	67	72	70	18	35	40	42	1515
Cupertino	4	37.3	70	122	96	68	88	67	86	66	80	64	70	68	30	28	33	36	
Cuyama	4	34.9	2255	116.6	99	68	96	67	94	67	89	66	72	70	42	13	20	24	
Cuyamaca	14	33	4650	116.6	92	64	85	62	84	61	81	59	67	65	29	11	18	23	4848
Cypress	8	33.8	75	118	98	70	92	69	90	69	85	67	72	70	24	31	35	38	
Daggett AP	14	34.9	1915	116.8	109	68	106	68	105	68	102	66	73	72	33	21	26	29	2203
Daly City	3	37.6	410	122.5	84	65	78	62	77	62	73	61	66	63	16	34	37	39	
Dana Point	6	33.5	100	117.7	91	69	84	68	82	68	78	66	71	69	13	30	33	36	600
Danville	12	37.8	368	122	102	69	97	68	96	68	92	66	72	70	30	23	28	31	977
Davis	12	38.5	60	121.8	103	72	99	70	97	70	93	68	74	71	41	24	30	34	2844
De Sabla	14	39.9	2713	121.6	97	66	94	64	92	64	88	62	68	66	35	18	24	27	4237
Death Valley	14	36.5	-194	116.9	121	77	118	76	117	76	114	74	81	79	28	27	33	37	1147
Deep Springs Clg	16	37.5	5225	118	98	60	95	59	94	59	92	58	64	62	35	-3	2	8	
Deer Creek PH	14	39.3	4455	120.9	93	61	91	60	90	60	87	58	65	63	39	10	17	22	5863

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Del Aire	6	34	100	118.4	91	69	84	67	83	67	79	66	71	69	15	37	40	42	383
Delano	43	35.8	323	119.3	106	71	102	70	101	70	98	69	74	72	36	22	25	28	
Denair	42	37.6	137	120.8	100	70	95	69	93	69	89	67	72	70	38	22	28	31	2974
Desert Hot Springs	45	34	1060	116.5	115	73	111	72	110	72	107	71	78	77	35	24	29	32	400
Diamond Bar	9	34	880	117.8	101	69	97	68	96	68	92	66	73	71	33	28	33	35	
Dinuba	43	36.5	340	119.4	104	73	101	70	100	70	96	69	75	73	36	24	30	34	
Discovery Bay	42	38.1	10	121.6	102	70	97	68	95	67	89	65	71	68	34	27	32	35	
Dixon	42	38.4	100	121.9	104	72	99	70	97	70	93	68	74	71	36	24	30	33	2826
Dobbins	44	39.4	1640	121.2	104	70	101	68	100	68	96	67	72	70	31	24	29	32	
Donner Mem Stt Pk	46	39.3	5937	120.3	85	56	82	56	81	56	77	54	60	58	40	-3	3	6	
Donner Summit	46	39.4	7239	120.3	80	53	77	53	76	52	72	50	57	55	40	-8	-1	3	8290
Downey	8	33.9	110	118	98	71	90	70	88	70	84	68	73	71	21	32	37	39	
Downieville RS	46	39.6	2895	120.8	98	64	95	63	94	63	90	61	68	66	42	13	20	24	
Doyle	46	40	4390	120.1	96	63	93	62	92	61	88	59	66	64	42	0	5	12	
Dry Canyon Res	46	34.5	1455	118.5	105	71	100	69	99	69	96	68	74	72	32	24	29	32	
Duarte	9	34.1	500	118	100	69	96	68	94	68	90	67	73	71	33	31	36	38	
Dublin	42	37.7	200	121.5	99	69	93	67	91	67	86	65	70	68	35	24	29	32	
Dudleys	42	37.7	3000	120.1	97	65	94	64	93	64	90	62	68	66	44	10	17	22	4959
Duttons Landing	42	38.2	20	122.3	96	68	91	66	89	66	84	64	70	68	31	26	31	34	
Eagle Mtn	44	33.8	973	115.5	113	72	110	71	109	71	105	69	77	75	24	32	37	39	1138
Earlimart	43	35.8	283	119.3	106	71	102	70	101	70	98	69	74	72	36	23	26	29	1100
East Compton	8	34	71	118.2	97	69	90	68	88	68	83	67	72	70	21	33	37	39	436
East Hemet	40	33.7	1655	116.9	109	70	104	69	103	69	101	67	74	72	40	20	25	28	
East La Mirada	9	33.9	115	118.0	99	70	91	69	89	69	85	68	73	71	26	31	36	38	

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
East Los Angeles	9	34	250	118.3	99	69	92	68	90	68	86	67	72	70	21	38	41	43	
East Palo Alto	3	37.5	25	122.1	93	66	85	64	83	64	77	62	68	66	25	26	31	34	1103
East Park Res	44	39.4	1205	122.5	101	69	97	68	96	68	92	66	71	69	38	19	25	28	3455
East Pasadena	9	34.2	864	118.1	99	69	94	68	92	68	88	67	73	71	30	32	37	40	452
East Porterville	43	36.1	393	119.0	106	71	102	70	101	70	97	69	74	72	36	25	30	33	1129
East San Gabriel	9	34.1	450	118.1	99	70	94	69	92	69	88	68	73	71	30	30	35	37	431
Edwards AFB	44	34.9	2316	117.9	107	69	104	68	103	68	99	66	72	70	35	10	17	22	3123
El Cajon	40	32.7	525	117	96	70	91	69	90	69	87	67	72	70	30	29	34	36	
El Capitan Dam	40	32.9	600	116.8	105	71	98	70	97	70	93	68	74	72	35	29	34	36	1533
El Centro	45	32.8	-30	115.6	115	74	111	73	110	73	107	73	81	79	34	26	35	38	1212
El Cerrito	3	37.8	70	122.3	91	66	84	64	81	64	75	62	68	65	17	30	35	38	
El Dorado Hills	42	38.6	673	121.1	103	70	100	69	98	69	94	67	72	71	36	24	30	34	
El Mirage	44	34.6	2910	117.6	105	69	101	68	100	68	97	66	72	70	31	9	16	21	
El Monte	9	34.1	271	118	101	71	97	70	95	70	91	68	73	71	30	31	36	39	
El Paso de Robles	4	35.6	721	120.7	102	65	95	65	94	65	90	65	69	67	44	16	20	23	1768
El Rio	6	34.3	50	119.2	95	69	88	68	86	68	82	66	71	69	20	30	34	37	
El Segundo	6	33.9	105	118.4	91	69	84	68	83	68	79	66	71	69	14	37	40	42	
El Sobrante	3	37.9	55	122.3	91	66	87	65	86	65	82	64	69	67	25	30	35	38	823
El Toro MCAS	8	33.7	380	117.7	96	69	89	69	87	69	82	68	73	71	26	34	38	41	1591
El Toro Station	8	33.7	380	117.7	96	69	89	69	87	69	82	68	73	71	26	34	38	41	560
Electra PH	42	38.3	715	120.7	106	70	102	69	101	69	98	68	73	71	41	23	28	31	2858
Elk Grove	42	38.4	50	121.4	104	71	100	69	98	69	94	68	73	71	35	29	34	36	1150
Elk Valley	4	42	1705	123.7	96	65	90	63	88	63	84	61	67	65	39	16	23	27	5404
Elsinore	40	33.7	1285	117.3	105	71	101	70	100	70	98	69	74	72	39	22	26	29	2128

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Encinitas	7	33	50	117.3	87	68	83	67	81	67	77	65	70	68	10	35	39	41	
Encino	9	34.2	750	118.5	103	71	98	69	96	69	92	67	74	71	27	28	33	36	664
Enterprise	44	40.6	470	122.3	107	69	103	68	101	68	97	67	72	70	29	26	31	34	
Escondido	49	33.1	660	117.1	97	69	90	68	88	68	84	67	72	70	29	26	31	34	2005
Eureka	4	40.8	43	124.2	75	61	69	59	68	59	65	58	61	60	11	30	35	38	4679
Exeter	43	36.3	350	119.1	104	72	101	71	100	71	97	69	74	72	39	24	29	32	1236
Fair Oaks	42	38.7	50	121.3	104	70	100	69	98	69	94	69	72	71	36	23	29	33	
Fairfax	2	38	110	122.6	96	68	90	66	88	65	83	63	71	68	34	26	31	34	
Fairfield FS	42	38.3	38	122	103	69	98	68	96	68	91	66	73	71	34	24	30	33	2686
Fairmont	44	34.7	3060	118.4	100	67	96	66	95	66	92	65	71	69	22	22	28	31	3330
Fairview	3	35.9	3519	118.5	97	67	94	66	93	66	90	64	70	68	43	11	18	23	
Fallbrook	49	33.6	660	117.3	94	68	89	67	88	67	85	66	71	69	29	26	31	34	2077
Farmersville	43	36.3	350	119.2	104	72	101	72	100	71	97	69	74	72	39	24	29	32	1236
Felton	3	37	100	122.1	94	68	88	66	86	66	81	64	69	67	28	27	32	35	1097
Ferndale	4	40.5	1445	124.3	76	57	66	56	65	56	62	54	59	57	12	28	33	35	
Fillmore	9	34.4	435	118.9	100	70	94	69	92	69	87	67	73	71	30	28	32	35	
Five Points	43	36.4	285	120.2	103	71	99	70	97	70	93	68	73	71	36	21	27	30	
Fleming Fish & Game	46	40.4	4000	120.3	96	62	93	61	92	61	88	59	66	64	40	-3	2	8	
Florence-Graham	8	34	175	118.3	98	69	90	68	88	68	84	67	72	70	19	35	40	43	
Florin	42	38.5	100	121.4	104	71	100	69	98	69	94	68	73	71	35	29	34	36	
Folsom Dam	42	38.7	350	121.2	104	70	101	69	99	69	95	67	72	71	36	25	31	35	
Fontana	49	34.1	1090	117.4	105	70	101	69	100	69	97	67	74	72	33	30	35	38	1530
Foothill Farms	42	38.6	90	121.3	104	71	100	70	98	70	94	68	73	71	36	24	30	34	
Forest Glen	46	40.4	2340	123.3	96	65	92	64	91	64	88	62	67	65	42	12	19	24	

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City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Fort Baker	3	37.8	15	122.5	87	66	81	65	79	65	73	65	67	65	12	33	38	40	3080
Fort Bidwell	46	41.9	4498	120.1	93	60	90	59	89	59	85	57	64	62	38	-2	3	10	6381
Fort Bragg	4	39.5	80	123.8	75	60	67	59	66	59	62	58	62	61	15	29	34	37	4424
Fort Jones RS	46	41.6	2725	122.9	98	64	93	63	92	63	88	61	67	65	44	5	13	18	5590
Fort MacArthur	7	33.7	200	118.3	92	69	84	68	82	68	78	66	71	69	13	35	40	42	1819
Fort Ord	3	36.7	134	121.8	86	65	77	63	75	62	70	60	67	64	18	24	29	32	3818
Fort Ross	4	38.5	116	123.3	79	63	74	62	71	61	65	59	64	62	19	30	35	37	4127
Fortuna	4	40.6	100	124.2	75	61	69	59	68	59	65	58	61	60	11	30	35	38	2000
Foster City	3	37.5	20	122.7	92	67	84	65	82	65	76	63	68	66	22	29	34	36	
Fountain Valley	6	33.7	60	118	97	70	90	68	88	68	84	67	72	70	18	33	38	40	
Freedom	3	37	1495	121.8	89	67	85	64	83	64	79	62	68	65	22	27	32	34	
Fremont	3	37.5	56	122	94	67	88	65	86	65	81	63	69	67	24	25	30	33	
Fresno AP	43	36.8	328	119.7	104	73	101	71	100	70	97	68	75	73	34	24	28	30	2650
Friant Gov Camp	43	37	410	119.7	106	72	103	70	102	70	100	68	74	72	40	23	28	31	2768
Fullerton	8	33.9	340	117.9	100	70	94	69	92	69	87	68	73	71	26	30	35	37	
Galt	42	38.2	40	121.3	101	70	97	68	95	68	91	67	72	70	38	23	28	31	1240
Garden Acres	42	38	20	121.3	103	71	98	69	97	69	93	67	73	71	35	24	28	30	1334
Garden Grove	8	33.6	85	117.9	98	70	91	68	89	68	84	67	72	70	23	31	36	38	
Gardena	8	33.9	40	118.3	92	69	85	68	84	68	80	66	71	69	18	32	37	39	
George AFB	44	34.6	2875	117.4	105	67	102	65	101	64	98	62	70	68	31	19	23	26	2887
Georgetown RS	42	38.9	3001	120.8	98	64	95	63	94	63	90	61	68	66	31	18	24	27	
Giant Forest	46	36.6	6412	118.8	84	56	81	55	80	55	77	53	60	58	26	5	13	18	
Gillespie Field	40	32.8	385	117.0	98	71	91	70	89	70	85	68	73	71	30	24	29	32	
Gilroy	4	37	194	121.6	101	70	93	68	91	67	86	65	72	69	25	23	28	31	

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Glen Avon	49	34	827	117.5	105	70	101	69	99	69	95	67	74	72	35	28	33	35	
Glendale	9	34.2	563	118.3	101	70	96	68	94	68	90	67	73	71	28	30	35	37	
Glendora	9	34.1	822	117.9	102	69	98	68	96	68	92	67	73	71	35	30	35	37	
Glennville	46	35.7	3140	118.7	97	67	94	66	93	66	90	64	70	68	43	11	18	23	4423
Gold Rock Rch	45	32.9	485	114.8	113	73	110	72	109	72	106	70	79	77	28	31	36	38	
Golden Hills	46	35.1	4000	118.5	97	66	93	65	92	65	89	64	69	67	33	13	20	24	
Granada Hills	6	34.4	1032	118.5	100	70	95	68	93	68	89	66	73	70	37	28	31	34	664
Grand Terrace	40	34.1	1000	117.3	105	70	102	68	101	68	97	67	74	72	35	28	33	36	611
Grant Grove	43	36.7	6600	119	82	56	78	55	77	54	74	52	59	57	26	6	14	19	7044
Grass Valley	44	39.2	2400	121.1	99	67	96	65	95	65	91	63	69	67	29	19	25	28	
Graton	2	38.4	200	122.9	95	68	91	67	88	66	82	64	70	68	34	22	28	31	3409
Greenacres	43	35.3	400	119.1	106	71	102	70	101	70	98	68	74	72	34	26	31	35	934
Greenfield	4	36.2	287	121.2	92	67	88	65	87	65	84	64	70	68	32	22	27	30	1020
Grossmont	7	32.7	530	117	96	69	89	68	88	68	84	66	71	69	23	31	36	38	
Grover City	5	35.1	100	120.6	93	69	86	64	84	64	80	62	67	65	18	30	34	37	
Guadalupe	5	35	85	120.6	92	66	86	64	84	64	79	62	67	65	18	28	32	35	1035
Hacienda Hts	9	34	300	118	100	69	96	68	94	68	90	67	73	71	28	31	36	38	
Haiwee	46	36.1	3825	118	102	65	99	64	98	64	95	62	68	66	27	15	22	26	3700
Half Moon Bay	3	37.5	60	122.4	83	64	76	62	74	61	69	59	65	63	15	32	37	39	3843
Hamilton AFB	2	38.1	3	122.5	95	69	88	67	86	67	81	65	73	70	28	27	30	32	3311
Hanford	43	36.3	242	119.7	102	71	99	70	98	70	94	68	73	71	37	22	28	31	2736
Happy Camp RS	46	41.8	1150	123.4	103	67	97	66	96	66	92	65	69	67	41	18	24	27	4263
Hat Creek PH 1	46	40.9	3015	121.6	99	65	96	64	95	64	91	62	68	66	48	2	7	17	5689
Hawaiian Gardens	8	33.8	75	118.1	97	70	91	69	89	69	84	67	72	70	23	32	37	39	

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Hawthorne	8	33.9	70	118.4	92	69	85	68	84	68	80	66	71	69	16	37	40	42	
Hayfield Pumps	44	33.7	1370	115.6	112	71	108	70	107	70	104	68	77	75	31	24	29	32	1529
Hayward	3	37.7	530	122.1	92	66	86	65	85	64	81	62	68	66	24	26	31	34	2909
Healdsburg	2	38.6	102	122.9	102	69	95	68	94	68	90	66	71	69	37	26	31	34	2572
Hemet	40	33.7	1655	117	109	70	104	69	103	69	101	67	74	72	40	20	25	28	
Henshaw Dam	40	33.2	2700	116.8	99	68	94	67	93	67	90	66	71	69	38	15	22	26	3708
Hercules	3	38	15	122.3	91	66	87	65	86	65	82	64	69	67	25	30	35	38	823
Hermosa Beach	6	33.9	16	118.4	92	69	84	68	82	68	78	66	71	69	12	38	42	45	
Hesperia	44	34.4	3191	117.3	105	67	101	65	100	65	97	63	70	68	38	14	21	25	1654
Hetch Hetchy	46	38	3870	119.8	93	62	89	61	88	61	85	59	65	63	32	14	21	25	4816
Highland	40	34.1	1315	117.2	106	70	102	69	101	69	97	68	74	72	36	26	31	34	
Hillcrest Center	46	35.4	500		106	71	102	70	101	70	98	68	74	72	34	26	31	35	
Hillsborough	3	37.6	352	122.3	90	66	82	65	80	65	74	64	68	66	23	30	35	37	
Hilt	46	42	2900	122.6	97	64	93	62	92	62	89	60	66	64	39	5	13	18	
Hollister	4	36.9	280	121.4	96	68	89	67	87	67	81	65	70	68	30	21	27	30	2725
Hollywood	9	34	384	118.4	96	70	89	69	87	69	83	67	72	70	20	36	41	44	
Home Gardens	40	33.9	678	117.5	104	70	100	69	98	69	92	67	74	72	35	26	31	34	
Hoopa	2	41	360	123.7	100	67	92	66	91	66	87	64	69	67	25	23	28	31	
Huntington Beach	6	33.7	40	117.8	91	69	83	67	81	67	76	66	71	69	14	34	38	41	
Huntington Lake	46	37.2	7020	119.2	80	55	77	54	76	53	73	51	58	56	25	3	11	16	7632
Huntington Park	8	34	175	118	98	70	90	69	88	69	84	67	72	70	20	38	42	45	
Idlewild	4	41.9	1250	124	103	68	96	66	95	66	92	65	69	67	40	18	24	27	
Idria	4	36.4	2650	120.7	97	66	92	65	91	64	87	62	68	66	27	24	29	32	3128
Idyllwild	4	33.7	5397	116.7	93	62	89	61	88	61	84	60	67	65	35	9	16	21	

City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Imperial AP	45	32.8	-59	115.6	114	74	110	73	109	73	106	72	81	79	31	26	31	34	1060
Imperial Beach	7	32.5	23	117.1	87	69	82	68	81	68	78	67	71	69	10	35	39	41	1839
Imperial CO	45	32.9	-64	115.6	112	73	108	72	107	72	104	71	80	78	31	29	34	36	976
Independence	46	36.8	3950	118.2	104	61	101	60	100	60	97	60	65	63	31	12	19	24	
Indio	45	33.7	11	116.3	115	75	112	75	111	75	107	74	81	79	30	24	29	32	1059
Inglewood	8	33.9	105	118	92	68	85	67	84	67	80	65	70	68	15	37	40	42	
Inyokern NAS	46	35.7	2440	117.8	110	71	106	68	105	68	102	66	75	71	37	15	22	26	2772
lone	42	38.3	298	120.9	101	70	97	68	95	68	91	67	72	70	38	23	28	31	
Iron Mtn	44	34.1	922	115.1	116	75	112	74	111	74	108	73	80	78	26	29	34	36	1251
Irvine	8	33.7	50	118	96	69	88	68	86	68	82	67	72	70	27	33	37	40	
Isla Vista	6	34.5	40	119.9	90	69	83	67	81	67	77	65	70	68	20	33	38	40	
Jess Valley	46	41.3	5300	120.3	92	59	89	58	88	58	84	56	63	61	35	-7	-2	4	7045
John Wayne AP	6	33.6	115	117.9	98	70	91	68	89	68	84	67	72	70	26	33	37	39	1496
Julian Wynola	44	33.1	3650	116.8	96	66	91	64	90	64	87	62	69	67	39	20	24	26	4049
Kentfield	2	38	120	122.6	97	66	91	65	89	65	84	63	70	68	35	27	32	35	3009
Kerman	43	36.6	216	120.1	105	73	101	71	100	70	97	68	75	73	34	24	28	30	1262
Kern River PH 1	43	35.5	970	118.8	106	72	103	71	102	71	99	69	75	73	26	30	35	37	1878
Kern River PH 3	46	35.8	2703	118.6	103	69	100	68	99	68	96	66	72	70	34	19	25	28	2891
Kettleman Stn	43	36.1	508	120.1	104	71	100	70	98	70	93	68	74	72	31	26	31	34	2180
King City	4	36.2	320	121.1	94	67	90	65	89	65	85	64	70	68	36	20	26	29	2639
Kingsburg	43	36.4	297	119.6	104	73	101	71	100	71	97	69	75	73	36	24	30	34	1300
Klamath	4	41.5	25	124.1	79	62	71	60	70	60	66	58	64	61	18	26	31	33	4509
Knights Ferry	42	37.8	315	120.6	103	70	99	68	98	68	94	67	73	71	37	19	25	28	
La Canada-Flintridge	46	34.2	1365	118	99	69	95	68	93	68	88	66	72	70	30	32	36	38	

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City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
La Crescenta-Montrose	9	34.2	1565	118	98	69	94	68	92	68	87	66	72	70	33	31	35	37	
La Habra	8	33.9	305	118	100	69	94	68	92	68	87	67	72	70	27	30	35	37	
La Habra Heights	9	34	400	118	100	69	94	68	92	68	87	67	72	70	27	30	35	37	
La Mesa	7	32.8	530	117	94	70	88	69	87	69	84	67	72	70	23	34	39	41	1567
La Mirada	9	33.9	115	118	99	70	91	69	89	69	85	68	73	71	26	31	36	38	
La Palma	8	33.9	75	118	98	69	92	68	90	68	85	67	72	70	25	31	35	38	
La Puente	9	34	320	118	101	71	97	70	95	70	91	69	74	72	28	31	36	38	
La Quinta	45	33.8	400	116.3	116	74	112	73	111	73	108	72	79	78	34	26	32	34	332
La Riviera	42	38.6	190	121.3	104	71	100	70	98	70	94	68	73	71	32	30	35	37	1025
La Verne	9	34.1	1235	118	101	69	97	68	95	68	91	67	73	71	34	29	34	36	
Ladera Heights	8	34.1	100	118.4	91	67	84	67	83	67	79	66	71	69	14	37	40	42	383
Lafayette	42	37.9	535	122.1	100	69	94	67	92	67	87	66	71	69	32	24	29	32	
Laguna Beach	6	33.5	35	117.8	91	69	83	68	81	68	76	66	71	69	18	30	33	36	2222
Laguna Niguel	6	33.6	500	117.7	95	67	87	66	85	65	81	63	71	67	22	33	37	40	
Lake Arrowhead	46	34.2	5205	117.2	90	62	86	61	85	61	81	59	66	64	26	13	20	24	5310
Lake Elsinore	49	33.7	1233	117.3	105	70	101	69	100	69	97	68	74	72	39	22	27	30	827
Lake Los Angeles	44	34.7	2300	117.8	106	68	102	67	101	67	98	66	72	70	35	12	17	20	1455
Lake Spaulding	46	39.3	5156	120.6	89	58	86	57	85	57	83	55	62	60	34	3	11	16	6447
Lakeland Village	49	33.6	1233	117.3	105	70	101	69	100	69	97	68	74	72	39	12	27	30	827
Lakeport	2	39	1347	122.9	97	67	93	66	92	65	88	63	69	67	41	20	26	29	3728
Lakeshore	46	40.9	1075	119.2	104	69	100	68	99	68	95	66	71	69	28	29	34	36	
Lakeside	49	32.8	690	117	95	69	90	68	89	68	86	66	72	70	20	26	31	34	
Lakewood	8	33.9	45	118	98	70	90	68	88	68	84	66	72	70	22	33	37	40	

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Lamont	43	35.3	500	120	106	72	102	71	101	71	98	69	75	73	34	26	32	35	
Lancaster	44	34.7	2340	118.2	106	68	102	67	101	67	98	66	72	70	35	12	17	20	
Larksfield-Wikiup	2	38.5	170	122.8	99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Larkspur	3	37.9	20	122.5	97	68	91	66	89	66	84	64	69	68	34	28	33	35	
Las Plumas	44	39.7	506	121.4	104	71	101	70	100	70	96	68	73	71	32	24	29	32	
Lathrop	42	37.8	22	121.3	103	71	98	69	97	69	93	67	73	71	35	24	28	30	1300
Lava Beds	46	41.7	4770	121.5	93	59	89	58	88	58	84	56	63	61	41	-1	4	11	
Lawndale	8	33.9	66	118	92	69	85	68	84	68	80	66	71	69	16	37	40	42	
Le Grand	42	37.2	255	120.3	101	70	96	68	95	68	91	66	72	70	38	23	28	31	2696
Lemon Grove	7	32.7	437	117.2	96	71	88	69	87	69	84	67	72	70	19	34	38	41	
Lemoncove	43	36.4	513	119	105	72	102	70	101	70	98	68	72	70	38	25	38	41	2513
Lemoore NAS	43	36.3	228	120	104	72	101	71	100	71	97	69	74	72	37	19	25	28	2960
Lennox	8	33.9	71	117.8	92	69	85	68	84	68	80	66	71	69	16	37	41	44	
Lincoln Village	42	38	12	121.3	101	70	96	68	95	68	91	67	72	70	37	24	28	30	1334
Linda	44	39	60	121.6	105	72	102	70	101	70	97	68	74	72	30	27	32	35	1160
Lindsay	43	36.2	395	119.1	105	72	101	71	100	71	97	69	74	72	40	24	29	32	2634
Little Panoche	43	36.8	677	120.7	100	68	94	67	92	67	86	66	71	69	33	23	28	31	
Live Oak	44	39.2	75	121.7	105	70	102	69	101	69	97	69	73	71	36	24	29	32	1160
Livermore	42	37.7	490	122	100	69	95	68	93	68	88	67	71	70	35	22	25	28	3012
Livingston	42	37.3	165	120.7	103	72	100	70	99	70	95	68	74	72	39	24	30	34	1244
Llano Shawnee	44	34.5	3820	117.8	104	68	99	67	98	67	95	65	71	69	31	21	27	31	
Lodgepole	46	36.6	6735	118.7	84	57	80	56	80	56	78	54	60	58	26	-4	1	7	
Lodi	42	38.1	40	121.3	101	70	97	68	95	68	91	67	72	70	38	23	28	31	2859
Loma Linda	40	34	1150	117.5	106	70	103	69	102	69	99	67	74	72	36	27	32	35	

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City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Lomita	6	33.8	56	119	95	69	87	68	85	68	81	66	71	69	18	33	38	40	
Lompoc	5	34.9	95	120.5	84	63	77	62	76	62	72	60	65	63	18	26	31	34	2888
Long Beach	6	33.7	34	118.2	97	70	88	68	86	67	82	65	65	63	18	35	31	34	
Long Beach AP	8	33.8	25	118.2	99	71	90	69	88	68	84	66	73	71	21	33	38	41	1606
Loomis	44	38.8	408	121.2	107	71	103	70	102	70	98	69	74	72	39	21	27	30	
Los Alamitos NAS	8	33.8	30	118.1	98	71	89	69	87	69	83	68	73	71	23	32	37	39	1740
Los Altos	4	37.3	163	122	96	68	88	65	86	64	80	62	70	68	26	28	33	35	
Los Altos Hills	4	37.3	183	122.1	93	67	85	64	83	64	77	63	68	66	25	28	33	35	1103
Los Angeles AP	6	33.9	97	118.4	91	67	84	67	83	67	79	66	71	69	14	37	40	42	1819
Los Angeles CO	9	34	270	118.2	99	69	92	68	90	68	86	67	72	70	21	38	41	43	1245
Los Banos	42	37	120	120.9	100	70	96	68	94	68	88	67	72	70	42	22	28	31	2616
Los Banos Res	42	37	407	120.9	101	70	97	68	95	68	89	67	72	70	42	23	29	31	
Los Gatos	4	37.2	365	122	98	69	90	67	88	67	82	66	71	69	32	26	31	34	2741
Los Serranos	40	34.1	714	117.7	104	70	100	69	98	69	94	68	74	72	35	27	32	35	706
Lucas Vly-Marinwood	2	38.3	20	122.6	79	63	74	62	71	61	65	59	64	62	12	30	35	37	874
Lucerne Valley	44	34.5	2957	117	105	67	101	66	100	66	98	64	71	69	38	12	19	24	
Lynwood	8	33.9	88	118	98	70	90	69	88	69	83	67	72	70	21	32	37	39	
Madera	43	37	268	120.1	105	72	101	70	100	70	96	68	74	72	40	24	29	32	2673
Madera Acres	43	36.9	275	120.1	105	72	101	70	100	70	96	68	74	72	40	24	29	32	1250
Manhattan Beach	6	33.9	120	118	91	69	84	68	83	68	79	66	71	69	12	38	42	45	
Manteca	42	37.8	34	121.2	102	70	97	68	95	68	91	67	72	70	37	24	29	32	
Manzanita Lake	44	40.5	5850	121.6	87	58	84	57	83	57	79	55	61	59	34	-3	2	8	7617
March AFB	40	33.9	1511	117.3	103	70	99	68	98	67	94	65	74	71	34	23	30	33	2089
Maricopa	43	35.1	675	119.4	106	71	102	70	101	70	98	68	74	72	29	25	30	33	2302

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Marina	3	36.7	20	121.8	86	66	77	63	75	63	70	61	67	64	18	32	37	40	
Marina del Rey	6	34.1	40	118.5	91	69	84	68	83	68	79	66	71	69	12	38	42	45	383
Markley Cove	2	38.5	480	122.1	104	70	99	69	97	69	93	67	72	70	39	23	29	31	
Martinez FS	12	38	40	122.1	99	67	94	66	92	66	88	65	71	69	36	28	33	35	
Marysville	44	39.2	60	121.6	105	72	102	70	101	70	97	68	74	72	36	27	32	35	2552
Mather AFB	12	38.6	96	121.3	104	71	100	70	98	70	94	68	73	71	35	28	33	35	
Maywood	8	34	170	118	97	70	91	69	89	69	85	67	72	70	21	34	38	41	
McClellan AFB	12	38.7	86	121.4	105	71	102	70	100	70	96	68	74	71	35	23	28	21	2566
McCloud	46	41.3	3300	122.1	96	63	93	62	91	62	87	60	66	64	42	5	13	18	5990
McFarland	13	35.6	350	119.2	106	71	102	70	101	70	98	69	74	72	36	22	25	28	1162
McKinleyville	4	40.9	33	124.1	75	61	69	59	68	59	65	58	61	60	11	28	31	33	1995
Mecca FS	45	33.6	-180	116.1	115	75	111	75	110	75	107	74	81	79	30	24	29	32	1185
Mendota	13	36.7	169	120.4	105	73	101	71	100	70	97	68	75	73	34	24	28	30	1273
Menlo Park	3	37.4	65	122.3	94	67	86	65	84	65	78	63	69	67	25	27	32	34	
Mentone	40	34.1	1700	117.1	106	70	102	69	101	69	98	67	74	72	34	27	32	35	741
Merced AP	12	37.3	153	120.6	103	71	100	69	99	69	95	67	73	71	36	21	27	30	2653
Mill Creek	46	35.1	2940	117	102	67	97	66	96	66	94	65	70	68	28	28	33	36	
Mill Valley	3	37.9	80	122.6	97	68	91	66	89	66	84	64	70	68	28	28	33	35	3400
Millbrae	3	37.6	10	122.4	90	66	82	63	80	63	74	61	67	65	24	30	35	37	
Milpitas	4	37.4	15	121.9	94	68	87	65	85	65	79	63	70	67	27	27	32	35	
Mineral	46	40.4	4911	121.6	90	60	87	59	86	59	82	57	63	61	38	2	7	14	7257
Mira Loma	40	34	700	117.5	105	70	101	69	99	68	95	66	74	72	34	25	33	36	600
Miramar AFS	7	32.9	477	117.1	97	69	91	68	90	68	86	67	72	70	22	32	36	38	1532
Miramonte	13	34.4	750	119.1	102	71	97	69	95	69	91	68	73	71	38	25	29	32	771

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Mission Viejo	8	33.6	350	118	95	67	87	66	85	65	81	63	71	67	22	33	37	40	
Mitchell Caverns	44	34.9	4350	117.0	102	64	98	63	97	63	94	61	69	67	29	21	27	30	
Modesto	42	37.6	91	121	102	73	99	70	98	70	95	68	75	72	36	25	30	33	2671
Moffett Field NAS	4	37.4	39	122.1	89	68	84	66	82	66	78	64	70	68	23	30	34	36	2511
Mojave	44	35.1	2735	118.2	106	68	102	67	101	67	98	66	71	69	35	16	22	26	3012
Mono Lake	46	38	6450	119.2	91	58	88	57	87	57	84	55	62	60	32	4	12	17	6518
Monrovia	9	34.2	562	118.3	100	69	96	68	94	68	90	67	73	71	30	33	38	41	
Montague	46	41.8	2648	122.5	99	66	95	65	94	65	90	63	69	67	39	3	11	16	5474
Montclair	49	34	1220	117	104	69	100	68	98	68	94	66	73	71	35	28	33	35	
Montebello	9	34	205	118.1	98	69	93	68	91	68	86	67	72	70	24	33	37	39	
Monterey AP	3	36.6	245	121.9	86	65	77	62	75	62	70	61	66	63	20	30	35	38	3556
Monterey CO	3	36.6	345	121.9	87	65	78	62	76	62	71	61	66	63	20	32	37	40	3169
Monterey Park	9	34	380	118	99	69	94	68	92	68	87	67	72	70	23	30	35	37	
Monticello Dam	2	38.5	505	122.1	105	71	100	70	98	70	94	68	73	71	39	26	31	34	
Moraga	42	37.8	600	122.2	99	68	93	66	91	66	86	64	70	68	27	21	26	29	
Moreno Valley	49	33.9	1600	117.2	103	70	99	68	98	67	94	65	74	71	34	27	30	33	611
Morgan Hill	4	37.1	350	120	100	69	92	68	90	68	85	66	71	69	25	26	31	34	
Morro Bay FD	5	35.4	115	120.9	88	65	82	64	80	64	76	62	67	65	14	31	36	38	
Mount Baldy Notch	46	34.3	7735	117.6	80	58	76	57	75	56	71	54	61	59	32	4	10	14	
Mount Diablo	42	37.9	2100	121.9	101	68	96	66	93	66	87	65	68	59	28	27	32	35	4600
Mount Hamilton	4	37.3	4206	121.7	95	59	88	58	86	58	81	56	63	61	18	18	24	27	4724
Mount Hebron RS	46	41.8	4250	122	92	60	88	59	86	59	82	57	63	61	42	-10	-4	0	
Mount San Jacinto	46	33.8	8417	116.6	82	56	77	55	76	55	73	53	61	59	35	-1	4	11	
Mount Shasta	46	41.3	3535	122.3	93	62	89	61	88	61	84	59	65	63	34	8	15	20	5890

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Mount Wilson	46	34.2	5709	118.1	90	63	85	61	83	60	79	58	66	64	21	15	22	26	4296
Mountain Pass	44	35.5	4730	115.5	100	65	96	64	95	64	92	63	68	66	29	11	18	23	
Mountain View	4	37.5	95	121.9	93	67	85	64	83	64	77	62	68	66	25	28	33	35	
Muscoy	49	34.2	1400	117.3	105	71	101	69	100	68	96	66	75	72	37	26	31	34	614
Nacimiento Dam	4	35.8	770	120.9	100	68	94	66	92	66	88	64	70	68	35	22	28	31	
Napa State Hospital	2	37.3	60	122.3	94	67	91	67	90	67	86	66	71	70	29	26	31	34	2749
National City	7	32.7	34	117	87	70	82	68	81	68	78	66	71	69	10	36	40	42	
Needles AP	45	34.8	913	114.6	117	73	114	72	113	72	110	71	77	75	26	27	32	35	1391
Nevada City	44	39.3	2600	121	97	66	94	64	92	64	88	63	68	66	41	14	21	25	4900
Newark	3	37.5	10	122	94	68	89	67	87	67	82	65	70	68	24	29	34	36	
Newhall Soledad	9	34.4	1243	118.6	104	70	100	68	99	68	95	67	73	71	42	27	33	36	
Newman	42	37.3	90	121.1	104	71	99	69	97	69	93	67	73	71	38	22	28	31	
Newport Beach	6	33.6	10	117.9	87	68	80	66	78	66	72	65	70	68	12	34	39	41	1952
Nipomo	5	35	330	120.5	90	66	83	64	82	63	78	61	67	65	23	25	31	33	1035
Norco	49	33.9	700	117	103	70	99	69	98	69	94	67	74	72	34	27	32	35	
North Auburn	44	38.9	1300	121.1	103	69	100	67	99	67	95	66	72	69	33	25	30	33	1518
North Fork RS	46	37.2	2630	119.5	98	66	95	65	94	64	92	62	69	67	36	15	22	26	
North Highlands	42	38.6	45	121.4	104	71	100	69	98	69	94	67	73	71	35	23	28	31	2566
North Hollywood	9	34.2	619	118.4	102	70	97	69	95	69	91	67	73	71	31	28	33	36	
Northridge	9	34.2	875	118.5	101	70	96	69	94	69	90	67	73	71	36	30	35	38	650
Norwalk	8	33.9	97	118.1	99	69	90	68	88	68	84	67	72	70	26	31	35	37	
Novato	2	38.1	370	122.5	94	64	87	63	85	63	80	61	68	66	30	25	30	32	
Oakdale	42	37.8	215	120.9	102	71	99	69	97	69	93	67	73	71	37	22	28	32	
Oakland AP	3	37.7	6	122.2	91	66	84	64	82	64	77	62	67	65	20	32	34	37	2909

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Oakland Museum	3	37.8	30	122.2	96	68	89	66	87	65	82	63	69	67	20	31	33	36	
Oakley	12	38	20	121.7	102	70	97	68	95	68	91	66	70	69	34	22	28	31	
Oceano	5	35.1	20	120.6	93	69	86	64	84	64	80	62	67	65	18	30	34	37	795
Oceanside	7	33.2	10	117.4	84	69	80	67	78	67	74	65	70	68	10	33	37	39	
Oildale	13	35.5	450	119	106	71	102	70	101	70	98	68	74	72	34	26	31	35	
Ojai	9	34.5	750	119.3	102	71	97	69	95	69	91	68	73	71	38	25	29	32	2145
Olivehurst	14	39	64	121.6	105	72	102	70	101	70	97	68	74	72	36	27	32	35	1160
Ontario AP	10	34	934	117	105	70	101	69	99	68	95	66	74	72	34	26	33	36	1710
Opal Cliffs	3	37	125	122	94	68	88	66	86	66	81	64	69	67	28	27	32	35	1097
Orange	8	33.6	194	118	99	70	92	68	90	68	85	67	72	70	27	33	37	40	
Orange Cove	13	36.6	431	119.3	104	71	100	69	99	69	97	68	73	71	38	25	30	33	2684
Orangevale	12	38.7	140	121.2	105	72	102	70	100	70	96	68	74	71	36	24	30	34	
Orick Prairie Creek	4	41.4	161	124	80	61	75	60	74	60	70	59	63	61	23	25	30	33	4816
Orinda	12	37.9	550	122.2	99	68	93	66	91	66	86	64	70	68	32	21	26	29	
Orland	14	39.8	254	122.2	105	71	102	70	101	70	97	68	73	71	36	22	28	31	2824
Orleans	2	41.3	403	123.5	104	70	97	68	95	68	91	66	71	69	42	21	27	30	3628
Orosi	13	36.5	400	119.3	104	73	101	70	100	70	96	69	75	73	36	24	30	34	1130
Oroville East	14	39.5	171	121.6	106	71	104	70	102	70	98	69	74	72	37	25	30	33	1385
Oroville RS	14	39.5	300	121.6	106	71	104	70	102	70	98	69	74	72	37	25	30	33	
Otay-Castle Pk	7	32.6	500	117	87	68	81	66	79	65	74	63	69	67	10	33	38	40	
Oxnard AFB	6	34.2	49	119.2	94	69	86	68	84	68	79	67	71	69	21	30	34	37	2068
Pacific Grove	3	36.7	114	122	87	66	78	63	76	63	71	61	67	64	19	31	35	37	
Pacifica	3	37.6	13	122	87	65	79	62	77	62	71	60	66	64	16	31	35	37	
Pacoima	9	34.3	895	118.4	104	71	99	70	98	70	94	68	74	72	35	29	34	37	664

City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Palermo	44	39.4	154	121.5	106	71	104	70	102	70	98	69	74	72	37	25	30	33	1170
Palm Desert	45	33.7	200	116.5	116	74	112	73	111	73	108	72	79	78	34	26	32	34	
Palm Desert Country	45	33.7	243	116.3	116	74	112	73	111	73	108	72	79	78	34	26	32	34	374
Palm Springs	45	33.8	411	116.5	117	74	113	73	112	73	109	72	79	78	35	26	31	34	1109
Palmdale AP	44	34.6	2517	118.1	107	67	103	67	102	66	98	64	71	69	33	12	20	24	2929
Palmdale CO	44	34.6	2596	118.1	106	67	102	67	101	66	97	64	71	69	35	13	21	25	2908
Palo Alto	4	37.5	25	122.1	93	66	85	64	83	64	77	62	68	66	25	26	31	34	2891
Palomar Obsy	44	33.4	5545	116.9	90	62	85	61	84	61	80	59	66	64	22	16	20	23	4141
Palos Verdes	6	33.8	216	119	92	69	84	68	82	68	78	66	71	69	14	38	43	46	
Panorama City	9	34.2	801	118.5	103	71	98	69	96	69	92	67	74	71	32	28	33	36	664
Paradise	44	39.8	1750	121.6	102	69	99	67	98	67	94	66	71	69	34	25	30	33	
Paramount	8	33.9	70	117	98	70	90	69	88	69	84	67	72	70	22	32	37	40	
Parker Res	45	34.3	738	114.2	115	74	112	73	111	73	108	72	79	77	26	32	37	40	1223
Parkway-South Sacramento	42	38.5	17	121.4	104	71	100	70	98	70	94	68	73	71	32	30	35	37	1150
Parlier	43	36.6	320	119.5	104	73	101	71	100	70	97	68	75	73	38	24	30	34	1262
Pasadena	9	34.2	864	118.2	99	69	94	68	92	68	88	67	73	71	30	32	37	40	1551
Paso Robles AP	4	35.7	815	120.7	104	66	97	66	96	66	92	65	70	68	40	19	23	26	2973
Paso Robles CO	4	35.6	700	120.7	102	65	95	65	94	65	90	65	69	67	44	16	20	23	2885
Patterson	42	37.4	97	121.1	101	72	96	70	94	69	90	67	74	72	36	24	30	34	1240
Pedley	49	34	718	117.5	105	70	101	69	99	68	95	66	74	72	34	26	33	36	600
Pendleton MCB	7	33.3	63	117.3	92	68	87	67	85	67	81	66	71	69	22	34	39	41	1532
Pendleton MCB Coast	7	33.2	24	117.4	84	69	80	67	79	67	75	65	70	68	10	39	44	46	1782
Perris	49	33.8	1470	117.2	105	70	101	69	100	69	97	68	74	72	39	22	27	30	

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Petaluma FS 2	2	38.2	16	122.6	98	69	92	67	90	67	85	66	72	69	31	24	29	32	2959
Pico Rivera	9	34	180	118	98	70	91	69	89	69	85	67	72	70	24	31	35	38	
Piedmont	3	37.8	325	122	96	68	89	66	87	65	82	63	70	68	23	31	33	36	
Pinnacles NM	4	36.5	1307	121.2	98	68	94	67	93	66	89	64	70	68	45	20	26	29	2956
Pinole	3	38	10	122.3	91	66	87	65	86	65	82	64	69	67	25	30	35	38	
Pismo Beach	5	35.1	80	120.6	92	66	85	64	84	64	80	62	67	65	16	30	34	37	2756
Pittsburg	12	38	50	121.8	102	70	97	68	95	68	90	67	72	70	34	26	32	35	
Placentia	8	33.9	323	118	101	69	93	68	91	68	87	67	73	71	28	30	34	37	
Placerville	12	38.7	1890	120.8	101	67	98	66	97	66	93	65	70	68	42	20	26	29	4086
Placerville IFG	12	38.7	2755	120.8	100	66	97	65	96	65	92	64	69	67	42	23	28	31	
Platina	14	40.4	2260	122.9	96	65	92	64	91	63	87	61	67	65	36	13	20	24	
Pleasant Hill	12	37.9	102	122	96	68	93	67	92	67	88	65	70	68	34	25	30	33	
Pleasanton	12	37.6	350	121.8	97	68	94	67	93	67	89	65	70	68	35	24	29	32	
Point Arena	4	38.9	100	123.7	76	62	72	60	71	60	67	58	63	61	19	29	32	34	4747
Point Arguello	5	34.6	76	120.7	75	64	71	63	69	62	65	59	65	63	17	29	32	35	3826
Point Mugu	6	34.1	14	119.1	88	68	81	67	79	67	75	66	70	68	15	33	37	39	2328
Point Piedras Blancas	5	35.7	59	121.3	73	60	67	59	65	59	61	57	62	60	10	36	41	43	3841
Pomona Cal Poly	9	34.1	740	117.8	102	70	98	69	97	69	93	67	74	72	36	27	32	35	1971
Port Chicago ND	12	38	50	122	98	69	94	68	92	68	88	66	71	69	34	28	33	36	
Port Hueneme	6	34.2	13	119	88	68	81	67	79	67	75	66	70	68	15	33	37	39	2334
Porterville	13	36.1	393	119	106	71	102	70	101	70	97	69	74	72	36	25	30	33	2456
Portola	16	39.8	4850	120.5	92	63	89	61	88	61	84	59	65	63	48	-9	-3	1	7111
Posey 3 E	16	35.8	4960	119	89	62	86	61	85	61	82	59	65	63	26	9	16	21	
Potter Valley PH	2	39.4	1015	123.1	101	68	96	67	94	67	89	65	70	68	40	20	26	29	3276

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Poway Valley	40	33	500	117	100	70	94	69	93	69	89	68	73	71	26	29	33	35	
Priest Valley	4	36.2	2300	120.7	97	66	93	65	92	65	88	63	69	67	34	13	20	24	4144
Prunedale	3	36.6	260	121.7	86	66	83	65	82	64	79	62	68	66	20	26	31	34	1100
Quartz Hill	44	34.6	2428	118.2	106	68	102	67	101	67	98	66	72	70	35	12	17	20	1455
Quincy	46	39.9	3409	120.9	101	64	98	63	97	63	93	62	68	66	45	1	6	13	5763
Ramona Spaulding	40	33.1	1480	116.8	103	70	97	69	96	69	92	68	73	71	40	22	28	31	
Rancho Bernardo	40	33	500	117.1	96	69	91	68	89	68	85	67	72	70	26	29	34	36	
Rancho Cordova	42	38.6	190	121.3	104	72	100	69	98	69	94	68	74	71	35	26	31	33	
Rancho Mirage	45	33.8	248	116.4	117	74	113	73	112	73	109	72	79	78	33	26	31	34	374
Rancho Palos Verdes	6	33.7	216	118.2	92	69	84	68	82	68	78	66	71	69	14	38	43	46	
Rancho San Diego	40	32.8	300	117.0	94	69	86	68	85	68	82	66	71	69	30	34	38	41	404
Rancho Santa Margarita	8	33.6	116	117.6	95	67	87	66	85	65	81	63	71	67	22	33	37	40	496
Randsburg	44	35.3	3570	117.7	105	67	102	66	101	66	97	65	70	68	30	19	25	28	2922
Red Bluff AP	44	40.2	342	122.3	107	70	104	69	102	68	98	66	73	71	31	24	29	31	2688
Redding FS 4	44	40.6	470	122.4	107	69	103	68	101	68	97	67	72	70	30	26	31	34	2544
Redlands	40	34.1	1318	117.2	106	70	102	69	101	69	98	67	74	72	34	27	32	35	1993
Redondo Beach	6	33.8	45	118.3	92	69	84	68	82	68	78	66	71	69	12	37	42	44	
Redwood City	3	37.5	31	122.2	90	67	86	66	85	66	81	64	69	67	28	28	33	35	2599
Reedley	43	36.6	344	119.7	104	71	101	70	100	70	96	68	74	72	40	24	30	34	
Reseda	9	34.2	736	118.5	103	71	98	69	96	69	92	67	74	71	32	28	33	36	664
Rialto	40	34.1	1254	117	105	70	101	69	100	68	96	66	74	72	35	28	33	35	
Richardson Grove	2	40	500	123.8	96	67	92	66	91	66	87	64	69	67	28	25	30	33	
Richmond	3	37.9	55	121.6	88	65	84	64	82	64	77	62	67	65	17	31	36	38	2684

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Ridgecrest	44	35.6	2340	117.8	110	70	106	68	105	68	102	66	75	71	35	15	22	26	
Rio Del Mar	3	37	50	121.9	94	67	88	66	87	65	83	63	69	67	30	27	32	35	1097
Rio Linda	42	38.6	86	121.5	104	72	100	70	98	70	94	68	74	71	32	28	33	35	1290
Ripon	42	37.7	61	121.1	102	70	97	68	95	68	91	67	72	70	37	23	30	33	1240
Riverbank	42	37.7	133	120.9	102	73	99	70	98	70	95	68	75	72	36	25	30	33	1240
Riverside Exp Sta	40	34	986	117.4	106	71	102	69	101	69	97	67	75	72	36	29	34	36	
Riverside FS 3	40	34	840	117.4	104	70	100	69	99	68	95	65	74	72	37	27	32	35	1818
Rocklin	44	38.8	239	121.2	108	72	104	70	103	70	99	69	74	72	39	20	26	29	3143
Rodeo	3	38.1	15	122.3	93	67	90	66	88	66	84	64	70	68	23	28	33	36	823
Rohnert Park	2	38.4	106	122.6	99	69	96	68	95	68	92	66	71	69	33	24	27	29	
Rolling Hills	6	33.6	216	119	92	69	84	68	82	68	78	66	71	69	15	38	43	46	
Rosamond	44	34.8	2326	118.2	106	68	102	67	101	67	98	66	71	69	35	16	22	26	1455
Roseland	2	38.4	167	122.7	99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Rosemead	9	34	275	118	98	70	90	69	88	69	84	67	72	70	27	30	35	37	
Rosemont	42	38.3	190	121.4	104	71	100	70	98	70	94	68	73	71	32	30	35	37	1025
Roseville	44	38.7	160	121.2	105	71	102	70	100	70	96	68	74	71	36	24	30	34	
Rossmoor	8	33.8	20	118.1	92	67	85	64	83	64	79	62	71	69	19	32	37	39	
Rowland Hts	9	33.9	540	118	99	70	93	69	91	69	86	68	73	71	27	29	34	36	
Rubidoux	40	34	792	117	106	71	102	70	101	70	97	68	75	73	36	27	32	35	
Sacramento AP	42	38.5	17	121.5	104	72	100	70	98	70	94	68	74	71	35	26	31	33	2843
Sacramento CO	42	38.6	84	121.5	104	71	100	70	98	70	94	68	73	71	32	30	35	37	
Saint Helena	2	38.5	225	122.5	102	70	98	69	97	69	93	67	72	70	40	22	28	31	2878
Saint Mary's College	42	37.8	623	122.1	98	69	93	68	91	68	86	66	71	69	28	21	27	30	3543
Salinas 3 E	3	36.7	85	121.6	86	66	83	65	82	64	79	62	68	66	20	26	31	34	

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Salinas AP	3	36.7	69	121.6	85	67	82	65	81	64	78	62	69	66	20	28	33	35	2959
Salt Springs PH	46	38.5	3700	120.2	95	62	92	61	91	61	87	59	66	64	27	19	25	28	3857
Salyer RS	46	40.9	623	123.6	102	69	95	67	93	66	87	64	70	68	33	22	28	31	
San Anselmo	2	38	50	122	95	67	89	66	87	66	82	65	70	68	32	26	31	33	
San Antonio Canyon	40	34.2	2394	117.7	100	68	96	67	94	67	90	65	72	70	33	29	35	39	
San Antonio Mission	4	36	1060	117.7	99	69	94	68	92	68	88	67	71	69	28	19	25	28	
San Bernardino	40	34.1	1125	117.3	106	70	102	69	101	69	98	68	75	72	39	27	31	33	1777
San Bruno	3	37.7	20	122.4	86	66	80	64	78	64	73	62	67	65	23	30	35	38	3042
San Carlos	3	37.5	26	122.3	92	67	88	65	86	65	82	63	68	66	28	28	33	35	
San Clemente	6	33.4	208	118.6	91	68	85	67	84	67	80	66	71	69	12	31	35	37	
San Diego AP	7	32.7	13	117.2	88	70	83	69	82	69	78	68	72	70	13	38	42	44	1507
San Dimas	9	34	955	118.4	102	70	98	69	96	69	92	67	74	72	35	30	35	37	
San Fernando	9	34.3	977	118.5	104	71	99	70	98	70	94	68	74	72	37	30	35	37	1800
San Francisco AP	3	37.6	8	122.4	89	66	83	64	80	63	74	61	67	64	20	31	35	38	3042
San Francisco CO	3	37.8	52	122.4	84	65	79	63	77	62	71	60	66	63	14	38	41	44	3080
San Gabriel FD	9	34.1	450	118.1	99	70	94	69	92	69	88	68	73	71	30	30	35	37	1532
San Gregorio 2 SE	3	37.3	275	122.4	87	66	81	63	79	63	74	61	68	65	30	27	32	35	
San Jacinto	40	33.8	1535	117	110	70	105	69	104	69	102	68	75	73	41	20	26	29	2376
San Jose	4	37.4	67	121.9	94	68	86	66	84	66	78	64	70	68	26	29	34	36	2438
San Leandro	3	37.7	45	122.2	89	67	83	64	81	64	76	62	69	66	22	28	33	35	
San Lorenzo	3	37.7	45	122.1	89	67	83	64	81	64	76	62	69	66	23	28	33	36	
San Luis Dam	42	37.1	277	121.1	97	68	91	66	90	66	86	64	70	68	32	25	30	33	
San Luis Obispo	5	35.3	320	120.7	94	63	87	63	85	63	81	62	67	65	26	30	33	35	2498
San Marcos	40	33.1	567	117.2	97	69	98	68	94	68	84	67	72	70	29	26	31	34	662

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
San Marino	9	34.2	300	118.1	100	69	95	68	93	68	88	66	73	71	28	30	35	37	
San Mateo	3	37.5	21	122.3	92	67	84	65	82	65	76	63	68	66	24	31	36	38	2655
San Nicholas Island	6	33.2	504	119.5	85	66	78	65	76	65	70	64	69	67	11	39	43	45	2454
San Pablo	3	37.6	30	122.3	90	65	84	63	82	63	77	61	69	66	17	29	34	37	
San Pedro	6	33.7	10	118.3	92	69	84	68	82	68	78	66	72	70	13	35	31	34	1819
San Rafael	2	38	40	122.6	96	67	90	65	88	65	83	63	71	68	29	30	35	37	2440
San Ramon	12	37.7	360	122	99	69	93	67	91	67	86	65	70	68	35	24	29	32	1369
Sandberg	16	34.8	4517	118.7	95	63	91	61	90	61	87	59	67	65	32	17	21	24	4427
Sanger	13	36.7	364	119.6	105	72	101	70	100	70	96	68	74	72	37	24	30	34	
Santa Ana FS	8	33.8	115	117.8	98	70	91	68	89	68	84	67	72	70	26	33	35	38	1430
Santa Barbara AP	6	34.4	9	119.8	90	69	83	67	81	67	77	65	70	68	20	29	34	36	2487
Santa Barbara CO	6	34.4	5	119.7	91	69	84	67	82	67	78	65	70	68	22	33	38	40	1994
Santa Clara Univ	4	37.4	88	121.9	90	67	87	65	86	65	82	63	69	67	30	29	34	36	2566
Santa Clarita	9	34.4	1300	118.5	103	71	98	70	97	70	93	68	74	72	36	30	35	37	
Santa Cruz	3	37	125	122	94	68	88	66	86	66	81	64	69	67	28	27	32	35	3136
Santa Fe Springs	9	33.9	280	118.1	99	69	90	68	88	68	84	67	72	70	24	31	36	38	
Santa Maria AP	5	34.9	236	120.5	90	66	83	64	82	63	78	61	67	65	23	25	31	33	3053
Santa Monica	6	34	15	118.5	85	67	78	66	76	66	72	64	69	67	15	39	44	46	1873
Santa Paula	9	34.4	263	119.1	101	71	94	70	92	70	87	68	73	71	28	28	33	35	2030
Santa Rosa	2	38.5	167	122.8	99	69	96	68	95	68	92	66	71	69	35	24	27	29	2980
Santee	10	32.8	400	117	96	69	91	68	90	68	87	67	72	70	20	25	30	33	
Saratoga	4	37.3	500	122	96	67	88	66	86	66	80	65	70	68	31	27	32	35	
Sausalito	3	37.9	10	122.5	85	66	80	65	78	65	73	63	67	65	12	30	34	36	
Sawyer's Bar RS	16	41.3	2169	123.1	100	66	95	65	93	64	88	62	68	66	38	14	21	25	4102

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Scotia	4	40.5	139	124.4	78	61	74	60	73	60	69	58	63	61	19	28	33	35	3954
Scotts Valley	3	37	400	122	94	68	88	66	86	66	81	64	69	67	28	27	32	35	1097
Seal Beach	6	33.8	21	118.1	94	69	86	68	84	67	80	65	71	69	15	35	40	42	1519
Seaside	3	36.6	17	122.9	85	66	79	64	77	64	73	62	67	65	20	30	35	37	
Sebastapol	2	38.4	102	122.8	99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Selma	43	36.6	305	119.6	104	73	101	71	100	70	97	68	75	73	38	24	30	34	
Sepulveda	9	34.2	818	118.5	103	71	98	69	96	69	92	67	74	71	32	28	33	36	664
Shafter	43	35.5	345	119.2	106	71	102	70	101	70	98	68	74	72	28	24	29	32	2185
Shasta Dam	44	40.7	1076	122.4	105	69	101	68	99	68	95	67	72	70	27	29	34	36	2943
Shelter Cove	4	40	110	124.1	80	61	73	60	72	59	68	57	63	61	15	34	39	41	
Sherman Oaks	9	34.2	657	118.5	103	71	98	69	96	69	92	67	74	71	28	29	34	37	664
Sierra City	46	39.6	4230	120.1	96	62	93	61	92	61	89	59	66	64	43	12	19	24	
Sierra Madre	9	34.2	1153	118.1	102	69	96	68	94	68	90	67	73	71	27	32	37	39	
Sierraville RS	46	39.6	4975	120.4	94	60	91	59	90	59	86	57	64	62	44	-10	-4	0	6893
Signal Hill	6	33.5	100	118.2	99	70	90	69	88	68	84	66	72	70	19	35	39	42	
Simi Valley	9	34.4	500	118.8	98	70	93	68	91	68	87	66	73	71	30	28	33	35	
Solana Beach	7	33	15	117.3	87	68	83	67	81	67	77	65	70	68	10	35	39	41	
Soledad	3	36.4	200	121.3	90	67	87	65	86	65	82	64	70	67	23	24	29	32	1020
Sonoma	2	38.3	70	122.5	101	70	96	69	94	69	90	67	72	70	40	22	28	31	2998
Sonora RS	42	38	1749	120.4	103	68	100	67	99	67	95	66	72	70	34	20	26	29	3537
Soquel	3	37	50	122	94	67	88	66	86	65	81	63	69	67	24	27	32	35	1097
South El Monte	9	34	270	118.1	101	72	97	70	95	70	91	68	74	72	28	31	36	38	
South Entr Yosemite	46	37.5	5120	119.6	92	61	88	60	87	60	84	59	64	62	36	8	15	20	5789
South Gate	8	33.9	120	118.2	97	70	90	69	88	69	84	67	72	70	21	32	37	39	

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City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
South Laguna	6	33.6	100	117.7	91	69	83	68	82	68	78	66	71	69	18	30	33	36	586
South Lake Tahoe	46	38.9	6200	120	85	56	82	55	79	55	71	54	60	58	33	-2	3	10	
South Oroville	44	39.5	174	121.6	106	71	104	70	102	70	98	69	74	72	37	25	30	33	1385
South Pasadena	9	34	657	118.2	99	69	94	68	92	68	88	67	73	71	30	31	36	38	
South San Francisco	3	37.7	10	122.4	87	67	81	64	78	64	72	62	68	65	20	32	36	38	
South San Gabriel	9	34.1	450	118.1	99	70	94	69	92	69	88	68	73	71	73	30	35	37	431
South Whittier	9	33.9	300	118	100	70	92	69	90	69	84	68	73	71	30	31	36	38	
South Yuba City	44	39.1	59	121.6	105	69	101	69	100	69	96	68	72	71	36	24	29	32	1160
Spring Valley	40	32.7	300	117	94	69	86	68	85	68	82	66	71	69	30	34	38	41	
Squaw Valley	46	39.2	6235	120.2	88	57	85	56	84	56	80	54	61	59	40	-10	-4	0	
Squirrel Inn	46	34.2	5680	117.2	86	61	82	60	81	60	77	58	65	63	23	12	18	22	5175
Stanford	4	37.5	23	122.1	93	66	85	64	83	64	77	62	68	66	25	26	31	34	1103
Stanton	8	33.6	45	118	98	69	91	68	89	68	84	67	72	70	24	31	36	38	
Stockton AP	42	37.9	22	121.3	103	71	98	69	97	69	93	67	73	71	35	24	28	30	2806
Stockton FS 4	42	38	12	121.3	101	70	96	68	95	68	91	67	72	70	37	24	28	30	2846
Stony Gorge Res	44	39.6	791	122.5	104	70	99	69	97	69	93	67	72	70	37	21	27	30	3149
Strawberry Valley	46	39.6	3808	121.1	96	63	93	62	92	62	88	60	66	64	32	14	21	25	5120
Studio City	9	34.3	620	118.4	102	70	97	69	95	69	91	67	73	71	31	28	33	36	664
Suisun City	42	38.2	72	122	103	71	98	69	96	68	91	66	73	70	35	24	29	32	1299
Sun City	40	33.7	1420	117.2	105	70	101	69	100	69	97	68	74	72	39	22	27	30	827
Sunland	46	34.3	1460	118.3	107	71	102	70	100	70	96	68	74	72	36	28	33	36	
Sunnyvale	4	37.3	97	122	96	68	88	66	86	66	80	64	70	68	26	29	34	36	2511
Susanville AP	46	40.4	4148	120.6	98	62	95	61	94	61	90	59	66	64	38	-1	4	11	6233
Taft	43	35.1	987	119.5	106	71	102	70	101	70	98	68	74	72	34	26	31	35	934

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Tahoe City	46	39.2	6230	120.1	84	56	81	55	80	55	76	53	60	58	36	2	7	14	8085
Tahoe Valley AP	46	38.9	6254	120.0	85	56	82	55	81	55	77	53	60	58	38	-5	2	6	
Tamalpais-Homestead Valley	3	37.9	25	122.5	97	68	91	66	89	66	84	64	70	68	28	28	33	35	874
Tarzana	9	34.2	800	118.6	104	71	99	69	97	69	93	68	74	71	27	27	32	35	664
Tehachapi	46	35.1	3975	118.5	97	66	93	65	92	65	89	64	69	67	33	13	20	24	4494
Tejon Rancho	46	35	1425	118.8	107	71	103	70	102	70	99	68	74	72	27	24	29	32	2602
Temecula	49	33.5	1006	117.2	101	69	96	68	95	68	91	67	73	71	34	24	29	32	
Temple City	9	34.1	403	118.1	101	70	95	69	93	69	89	68	73	71	27	30	35	37	
Termo	46	40.9	5300	120.5	95	60	92	59	91	59	87	57	64	62	37	-17	-11	-4	
Thermal AP	45	33.6	-112	116.1	114	74	110	74	109	74	106	74	80	79	29	26	31	35	1154
Thermalito	44	37.9	25	121.6	106	71	104	70	102	70	98	69	74	72	37	25	30	33	
Thousand Oaks	9	34.2	810	118.8	98	69	93	68	92	68	88	67	72	70	30	27	32	35	
Three Rivers PH 1	43	36.5	1140	118.9	105	70	102	69	101	69	98	67	73	71	38	24	30	32	2642
Tiburon	3	37.9	90	122.5	85	66	80	65	78	65	73	63	67	65	12	30	34	36	
Tiger Creek PH	46	38.5	2355	120.5	100	66	96	65	95	65	92	63	69	67	36	20	26	29	3795
Torrance	6	33.8	110	118.3	93	69	86	68	84	68	80	66	71	69	18	32	37	39	1859
Tracy Carbona	42	37.7	140	121.4	102	70	97	68	95	68	90	67	72	70	38	24	29	32	2704
Tracy Pumps	42	37.8	61	121.4	104	71	99	69	97	69	92	68	73	71	39	23	28	31	
Travis AFB	42	38.3	72	121.9	103	71	98	69	96	68	91	66	73	70	35	24	29	32	2725
Trinity Dam	46	40.8	2500	122.8	99	65	94	64	92	64	88	62	68	66	37	17	24	28	
Trona	44	35.8	1695	117.4	113	72	109	70	108	70	105	68	76	73	35	18	24	27	2415
Truckee RS	46	39.3	5995	120.2	90	58	87	57	86	57	82	55	62	60	40	-10	-4	0	8230
Tujunga	46	34.3	1820	118.3	103	70	99	69	98	69	94	67	73	71	36	20	26	29	

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City	Climate-Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Tulare	43	36.2	290	119.4	105	72	101	71	100	71	96	69	74	72	39	24	30	34	
Tulelake	46	42	4035	121.5	92	60	88	59	87	59	83	57	63	61	41	-5	0	6	6854
Turlock	42	37.5	100	120.9	104	72	100	70	99	70	95	68	74	72	40	24	30	34	
Turntable Creek	46	40.8	1067	120.9	105	69	101	68	99	68	95	66	72	70	28	24	29	32	
Tustin Foothills	8	33.8	500	117.8	99	71	92	69	90	69	85	68	73	71	27	28	31	34	550
Tustin Irvine Rch	8	33.7	118	117.8	99	71	92	69	90	69	85	68	73	71	27	28	31	34	1856
Twentynine Palms	44	34.1	1975	116.1	110	71	107	70	106	70	103	69	76	74	31	21	26	29	1973
Twin Lakes	46	38.7	7829	119.1	73	49	64	47	62	47	57	46	53	50	30	-7	-2	4	9196
Twitchell Dam	5	35	582	120.3	99	70	93	68	92	68	88	66	71	69	26	26	31	34	
UCLA	9	34.1	430	118.4	93	69	86	68	84	68	80	66	71	69	20	39	43	46	1509
Ukiah	2	39.2	623	123.2	100	70	97	69	96	69	92	68	72	71	42	22	28	31	2958
Union City	3	37.6	5	122.1	90	67	87	66	85	65	81	63	69	67	20	25	30	33	
Upland	49	34.1	1605	117.7	102	69	98	68	96	68	92	66	73	71	31	29	34	36	2175
Upper Lake RS	2	39.2	1347	123	98	68	95	67	94	66	91	64	73	71	39	18	34	36	
Upper San Leandro	3	37.8	394	122.1	93	67	87	66	85	65	80	63	69	67	22	28	33	35	
Vacaville	42	38.4	105	122	103	71	100	70	98	70	94	68	73	71	40	23	28	31	2788
Valinda	9	34	340	117.9	102	70	98	69	96	69	92	68	74	72	28	31	36	38	
Valle Vista	49	33.8	1655	116.9	109	70	104	69	103	69	101	67	74	72	40	20	25	28	
Vallejo	3	38.1	85	122.3	93	67	90	66	88	66	84	64	70	68	23	28	33	36	
Valyermo RS	44	34.5	3600	117.9	100	67	96	66	95	66	91	65	70	68	41	12	19	24	3870
Van Nuys	9	34.2	708	118.5	103	71	98	69	96	69	92	67	74	71	30	28	33	39	664
Vandenburg AFB	5	34.7	368	122.8	85	62	77	61	75	61	71	60	64	62	16	30	35	37	3451
Ventura	6	34.3	341	119.3	89	68	82	67	80	67	76	66	70	68	15	29	34	36	
Victorville Pumps	44	34.5	2858	117.3	105	67	101	65	100	64	97	62	70	68	39	14	24	27	3191

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
View Park	6-8	34	300	118.3	95	69	88	68	85	68	78	66	71	69	18	36	40	43	
Villa Park	8	33.8	300	117.8	99	70	92	68	90	68	85	67	72	70	27	33	37	40	550
Vincent	9	34.5	3135	118.1	105	67	101	65	100	65	96	64	71	69	33	10	18	22	1455
Visalia	13	36.3	325	119.3	103	71	100	70	99	70	96	69	73	72	38	25	30	33	2459
Vista	7	33.2	510	117.2	96	69	90	68	89	68	85	67	72	70	16	30	35	37	
Volta PH	12	40.5	2220	120.9	101	66	98	65	97	65	93	63	69	67	33	21	27	30	
Walnut	9	34	550	117.9	101	70	97	69	96	69	92	69	74	72	30	28	33	35	
Walnut Creek	12	37.9	245	122.1	100	69	94	67	92	67	87	66	71	69	32	23	29	31	
Walnut Grove	12	38.2	23	121.5	102	70	98	69	96	69	92	68	72	71	37	24	30	32	
Walnut Park	8	33.9	45	118.2	92	69	84	68	82	68	78	66	71	69	12	37	42	44	450
Warner Springs	14	33.3	3180	116.6	100	67	95	66	94	66	91	65	71	69	40	15	22	26	3591
Wasco	13	35.6	333	119.3	105	71	101	70	100	70	97	68	74	72	36	23	28	31	2466
Watsonville	3	36.9	95	121.8	86	66	82	64	81	63	79	61	68	65	22	28	33	35	3418
Weaverville RS	16	40.7	2050	122.9	100	67	95	66	93	65	89	63	69	67	46	10	17	22	4992
Weed FD	16	41.4	3590	122.4	92	63	89	62	88	61	84	59	65	63	35	4	12	17	
West Athens	8	33.9	25	118.3	92	69	85	68	84	68	80	66	71	69	18	32	37	39	450
West Carson	6	33.8	100	118.3	92	69	87	68	85	68	81	66	71	69	18	32	37	39	
West Compton	8	33.9	71	118.3	97	69	90	68	88	68	83	67	72	70	21	33	37	39	450
West Covina	9	34	365	117.9	102	70	98	69	96	69	92	68	74	72	34	29	34	36	
West Hollywood	9	34	290	118.4	95	70	89	69	87	69	82	67	72	70	20	38	42	45	
West Pittsburg	12	38	12	121.9	102	70	97	68	95	68	90	67	72	70	34	26	32	35	
West Puente Valley	9	34	500	117.9	101	71	97	70	95	70	91	68	73	71	26	31	36	39	
West Sacramento	12	38.6	19	121.5	104	72	100	70	98	70	94	68	74	71	35	26	31	33	1290

Error! Reference source not found. Appendix JA2 **Error! Reference source not found.** — Reference Weather/Climate Data

2016 Joint Appendices

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
West Whittier-Los Nietos	9	34	320	118.1	99	69	90	68	88	68	84	67	72	70	24	31	35	38	
Westlake Village	9	34.2	750	118.8	103	71	99	70	98	70	94	69	73	71	26	26	30	33	
Westminster	6	33.8	38	118	95	70	88	68	86	68	81	67	72	70	23	33	38	41	
Westmont	8	33.9	110	118.3	96	70	89	69	87	69	83	67	72	70	20	36	41	44	400
Whiskeytown Res	44	40.6	1295	122.6	105	69	101	68	100	68	96	67	72	70	31	25	30	33	
White Mtn 1	46	37.5	1015 0	119.3	73	49	69	47	68	47	65	45	53	50	37	-15	-9	-6	
White Mtn 2	46	37.6	1247 0	119.3	61	42	58	41	57	41	54	40	46	43	38	-20	-15	-12	
Whittier	9	34	320	118	99	69	90	68	88	68	84	67	72	70	24	31	35	38	
Wildomar	49	33.6	1255	117.3	103	70	99	69	98	69	94	68	74	72	36	23	28	30	827
Wildrose RS	46	36.3	4100		100	64	97	63	96	63	93	61	68	66	33	13	20	24	
Williams	44	39.2	85	122.2	104	71	100	70	98	70	94	68	73	71	36	24	29	32	
Willits	2	39.4	1350	123.3	95	66	89	65	87	64	82	62	68	66	38	18	24	27	
Willow Brook	8	33.9	60	118.2	97	70	90	69	88	69	83	67	72	70	21	35	39	42	
Willow Creek	2	41	461	123	104	70	98	68	96	68	92	66	71	69	35	22	28	31	
Willows	44	39.5	140	122.2	104	71	100	70	98	70	94	68	73	71	36	22	28	31	2836
Windsor	2	38.5	130	122.8	99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Winters	42	38.5	135	122	104	71	99	70	97	70	93	68	73	71	38	24	29	32	2593
Winton	42	37.4	168	120.6	103	71	100	69	99	69	95	67	73	71	36	21	27	30	1244
Woodcrest	49	33.9	1500	117.4	104	70	100	69	99	68	95	65	74	72	37	27	32	35	611
Woodfords	46	38.8	5671	119.8	92	59	89	58	88	58	84	56	63	61	32	0	5	12	6047
Woodlake	43	36.3	500	119.1	103	71	100	70	99	70	96	69	73	72	38	25	30	33	1130
Woodland	42	38.7	69	121.8	106	72	101	71	100	71	96	69	74	72	40	25	30	33	2708

City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
					0.10%		0.50%		1.00%		2.00%		Design Wetbulb 0.1%	Design Wetbulb 0.5%	Outdoor Daily Range	Winter Median of Extremes	Design Drybulb (0.2%)	Design Drybulb (0.6%)	HDD*
					DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Woodland Hills	9	34.2	944	118.6	104	71	99	70	97	70	93	68	74	72	32	26	31	34	664
Woodside	3	37.5	75	122.3	92	67	84	66	82	65	76	63	69	67	24	22	28	31	
Yorba Linda	8	33.9	350	117.8	102	70	94	69	92	69	88	68	73	71	31	30	35	37	1643
Yosemite Park Hq	46	37.7	3970	119.6	97	63	94	62	93	62	90	60	67	65	38	11	18	23	4785
Yreka	46	41.7	2625	122.6	99	66	95	65	94	65	90	64	69	67	39	8	15	20	5395
Yuba City	44	39.1	70	121.6	105	69	101	69	100	69	96	68	72	71	36	24	29	32	
Yucaipa	40	34	2600	117	106	68	102	67	101	67	98	65	73	71	35	27	32	35	
Yucca Valley	44	34.2	2600	116.4	108	71	105	70	104	70	101	69	75	73	32	19	24	27	862

***Heating Degree Day** is a unit, based on temperature difference and time, used in estimating fuel consumption and specifying nominal annual heating load of a building. For any one day when the mean temperature is less than 65°F (18°C), there exist as many degree days as there are Fahrenheit degrees difference in temperature between mean temperature for the day and 65°F (18°C).

KEY TO ABBREVIATIONS:

AFB	Air Force Base
AFS	Air Force Station
AP	Airport
CO	City/County Office
FD	Fire Department
FS	Fire Station
MCB	Marine Corps Base
MWWB	Mean Coincident Wet Bulb
NAS	Naval Air Station
NM	National Monument
PH	Power House
RS	Ranger Station