

JOINT APPENDIX 2

Reference Weather/Climate Data

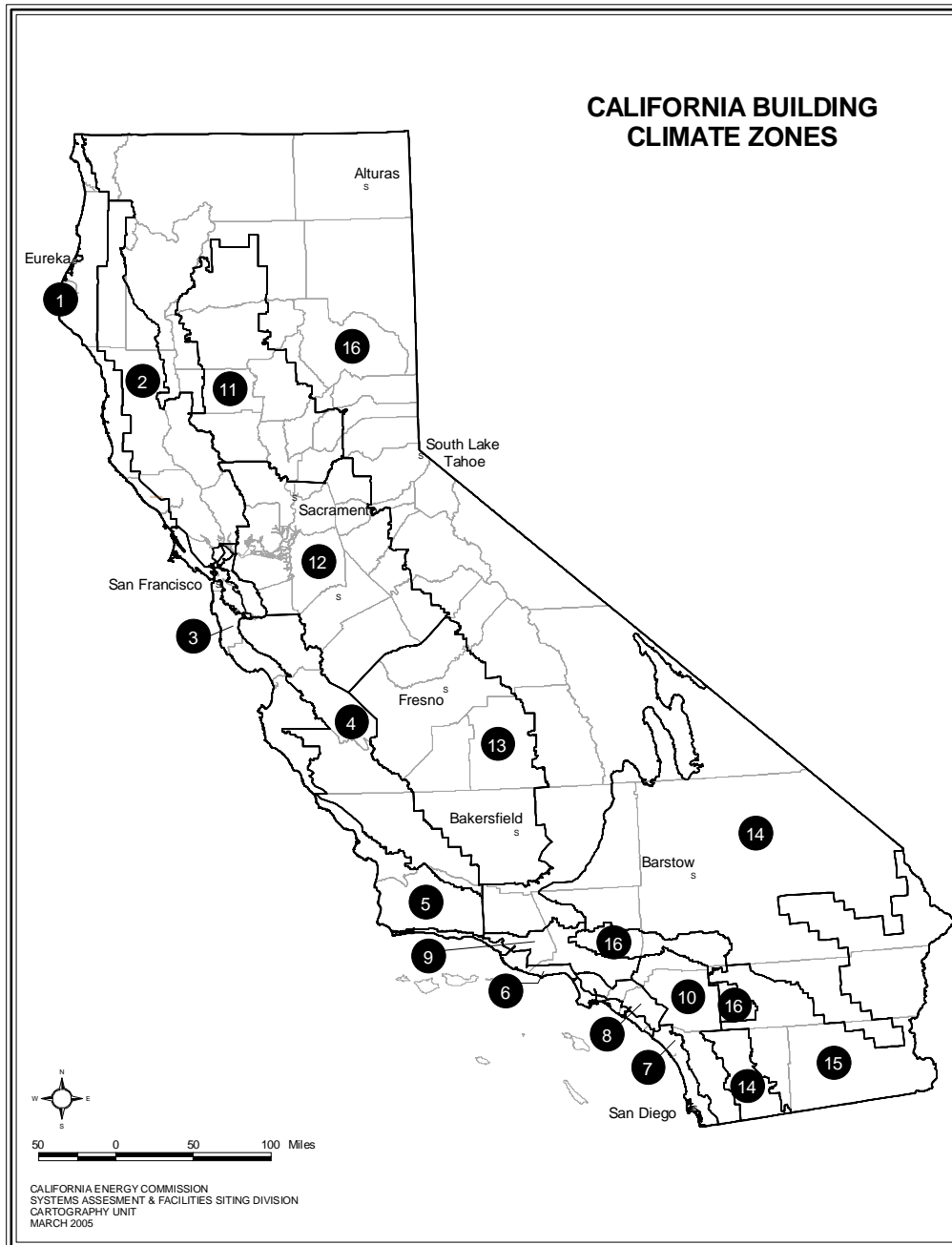


Figure 2-#-1 – Climate Zone Map

II-12.1 2-1 Weather Data - General

All energy calculations used for compliance with the Standards must use the Commission's sixteen (16) official hourly weather files. These files are available in electronic form from the Commission in the WYEC2 (Weather Year for Energy Calculations) format and in DOE 2.1E packed weather data format. Temperatures in the WYEC2 files for the sixteen climate zones have been adjusted to the average means and extremes of the weather data of the reliable substations in each climate zone.¹ The WYEC2 data may be adjusted for local conditions, condensed, statistically summarized or otherwise reduced, as long as:

1. The weather data used to derive the simplified or reduced data is the Commission's official hourly weather data; and,
2. The ACM program meets all of the certification tests using the reduced weather data.

Whatever weather data and/or weather data reduction methods are used, ACM approval is contingent upon approved weather data being used for all compliance runs.

There are 16 climate zones, each with 8,760 hourly records containing raw data on a variety of ambient conditions such as:

- Dry bulb temperature
- Wet bulb temperature
- Wind speed and direction
- Direct solar radiation
- Diffuse radiation

Each climate zone file includes the non-temperature data of a particular city whose annual climate data has been judged representative of the construction locations within that zone. The values listed by climate zone and the nominal city location for each climate zone in Table 2.3 in this section must be used for any given climate zone if the ACM does not automatically make local city weather adjustments to the files.

As indicated above the reference method uses local city ASHRAE design data to adjust the climate zone weather data. These adjustments customize the temperature data, especially the extremes, to conform to the ASHRAE design data statistics for the city in question. This makes the HVAC sizing and energy calculations more realistic for energy compliance simulations.

¹ See *Climate Zone Weather Data Analysis and Revision Project*, Final Consultant Report, CEC Publication # P400-92-004, for more detail.

Table H-1 –California Climate Zone Summary

Climate Zone	City	Latitude	Longitude	Elevation
1	Arcata	40.8	124.2	43
2	Santa Rosa	38.4	122.7	164
3	Oakland	37.7	122.2	6
4	Sunnyvale	37.4	122.4	97
5	Santa Maria	34.9	120.4	236
6	Los Angeles AP	33.9	118.5	97
7	San Diego	32.7	117.2	13
8	El Toro	33.6	117.7	383
9	Burbank	34.2	118.4	655
10	Riverside	33.9	117.2	1543
11	Red Bluff	40.2	122.2	342
12	Sacramento	38.5	121.5	17
13	Fresno	36.8	119.7	328
14	China Lake	35.7	117.7	2293
15	El Centro	32.8	115.6	-30
16	Mt. Shasta	41.3	122.3	3544

H-2.1.1 2-1-1

2.1.2 Counties and Cities with Climate Zone Designations

The following pages are a listing of California counties and cities with a climate zone designation for each. This information represents an abridged version of the Commission publication *California Climate Zone Descriptions* which contains detailed survey definitions of the sixteen climate zones.

Table H-2 – Counties and Cities with Climate Zone Designations

City	County	CZ	City	County	CZ
A			Aguanga	Riverside	10
			Ahwahnee	Madera	13
			Airport Lake	Inyo	14
Abbotts Lagoon	Marin	3	Alameda	Alameda	3
Academy	Fresno	13	Alamo	Contra Costa	12
Acampo	San Joaquin	12	Alamo River	Imperial	15
Acolita	Imperial	15	Albany	Alameda	3
Actis	Kern	14	Alberhill	Riverside	10
Acton	Los Angeles	14	Albion	Mendocino	1
Adelaida	San Luis Obispo	4	Alderpoint	Humboldt	2
Adelanto	San Bernardino	14	Alhambra	Los Angeles	9
Adin	Modoc	16	Alisal	Monterey	3
Adobe	Kern	13	Alisal Slough	Monterey	3
Afton	San Bernardino	14	Aliso Canyon	Los Angeles	16
Ager	Siskiyou	16	Aliso Viejo	Orange	8
Agoura Hills	Los Angeles	9	Alleghany	Sierra	16
Agua Caliente Canyon	Santa Barbara	5	Allendale	Solano	12
Agua Caliente Springs	San Diego	15	Allensworth	Tulare	13
Agua Duice	Los Angeles	9	Almaden A.F.S.	Santa Clara	4

City	County	CZ	City	County	CZ
Almanor	Plumas	16	Arnold	Mendocino	2
Alondra Park	Los Angeles	6	Aromas	Monterey	3
Alpaugh	Tulare	13	Arrowhead Junction	San Bernardino	14
Alpine	San Diego	10	Arroyo Dos Picachos	San Benito	4
Alta	Placer	16	Arroyo Grande	San Luis Obispo	5
Alta Loma	San Bernardino	10	Arroyo Hondo	Fresno	13
Alta Sierra	Kern	16	Arroyo Hondo	Santa Clara	4
Altadena	Los Angeles	9	Arroyo Salada	Imperial	15
Altamont	Alameda	12	Arroyo Seco	Monterey	4
Altaville	Calaveras	12	Artesia	Los Angeles	8
Alton	Humboldt	1	Artois	Glenn	11
Alturas	Modoc	16	Arvin	Kern	13
Alviso	Santa Clara	4	Ash Mountain	Tulare	13
Amador	Amador	12	Ashland	Alameda	3
Amargosa Range	Inyo	14	Aspen Valley	Tuolumne	16
Amargosa River	Inyo	14	Asti	Sonoma	2
Amboy	San Bernardino	15	Atascadero	San Luis Obispo	4
Ambrose	Modoc	16	Atherton	San Mateo	3
American Canyon	Napa	2	Athlone	Merced	12
American River	Sacramento	12	Atolia	San Bernardino	14
American River (Silver Fork)	El Dorado	16	Atwater	Merced	12
Amos	Imperial	15	Auberry	Fresno	13
Anacapa Island	Ventura	6	Auburn	Placer	11
Anaheim	Orange	8	Auburn Ravine	Sutter	11
Anchor Bay	Mendocino	1	Aukum	El Dorado	12
Anderson	Shasta	11	Avalon	Los Angeles	6
Anderson Lake	Santa Clara	4	Avawatz Mountains	San Bernardino	14
Andrade	Imperial	15	Avenal	Kings	13
Angel Island	Marin	3	Avila Beach	San Luis Obispo	5
Angels Camp	Calaveras	12	Avocado Heights	Los Angeles	16
Angiola	Tulare	13	Azusa	Los Angeles	9
Angwin	Napa	2			
Annapolis	Sonoma	1	B		
Antelope	Sacramento	12	Badger	Tulare	13
Antelope Center	Los Angeles	14	Bagby	Mariposa	12
Antelope Lake	Plumas	16	Bagdad	San Bernardino	15
Antelope Plain	Kern	13	Baker	San Bernardino	14
Antelope Valley	Los Angeles	14	Bakersfield	Kern	13
Antioch	Contra Costa	12	Balch	San Bernardino	14
Anza	Riverside	16	Bald Eagle Mountain	Plumas	16
Apache Canyon	Ventura	16	Baldwin Park	Los Angeles	9
Apple Valley	San Bernardino	14	Ballarat	Inyo	14
Applegate	Placer	11	Ballico	Merced	12
Aptos	Santa Cruz	3	Bangor	Butte	11
Araz Wash	Imperial	15	Banning	Riverside	15
Arbuckle	Colusa	11	Banta	San Joaquin	12
Arcadia	Los Angeles	9	Bard	Imperial	15
Arcata	Humboldt	1	Bardsdale	Ventura	9
Arcata Bay	Humboldt	1	Barkerville	Lake	2
Arden Town	Sacramento	12	Barkley Mountain	Tehama	16
Argus	San Bernardino	14	Barona	San Diego	10
Argus Peak	Inyo	16	Barrett Dam	San Diego	10
Argus Range	Inyo	16	Barrett Junction	San Diego	10
Arlington	Riverside	10	Barstow	San Bernardino	14
Armona	Kings	13	Bartle	Siskiyou	16
Arnold	Calaveras	16			

City	County	CZ	City	County	CZ
Bartlett	Inyo	16	Big Basin	Santa Cruz	3
Bartlett Springs	Lake	2	Big Bear City	San Bernardino	16
Bass Lake	Madera	16	Big Bear Lake	San Bernardino	16
Bassett	Los Angeles	9	Big Bend	Butte	16
Baxter	Placer	16	Big Bend	Shasta	16
Bayley	Modoc	16	Big Bend	Sonoma	2
Bayliss	Glenn	11	Big Creek	Fresno	16
Bayside	Humboldt	1	Big Lagoon	Humboldt	1
Baywood Park	San Luis Obispo	5	Big Lake	Shasta	16
Beale Air Force Base	Yuba	11	Big Maria Mountains	Riverside	15
Bear Buttes	Humboldt	2	Big Mountains	Sonoma	2
Bear River	Amador	16	Big Oak Flat	Tuolumne	12
Bear River	Humboldt	1	Big Pine	Inyo	16
Bear River	Sutter	11	Big Pines	Los Angeles	16
Bear River	Yuba	11	Big Rock Wash	Los Angeles	14
Bear Valley	Mariposa	12	Big Sage Reservoir	Modoc	16
Beardsley Lake	Tuolumne	16	Big Springs	Siskiyou	16
Beaumont	Riverside	10	Big Sur	Monterey	4
Beckwourth	Plumas	16	Big Sur River (North Fork)	Monterey	4
Beckwourth Pass	Lassen	16	Big Tujungs Canyon	Los Angeles	16
Beckwourth Pass	Plumas	16	Big Valley Mountains	Lassen	16
Beegum	Shasta	11	Big Valley Mountains	Modoc	16
Belden	Plumas	16	Biggs	Butte	11
Bell	Los Angeles	8	Bijou	El Dorado	16
Bell Gardens	Los Angeles	8	Biola	Fresno	13
Bell Mountain	San Bernardino	14	Birds Landing	Solano	12
Bell Mountain Wash	San Bernardino	14	Bishop	Inyo	16
Bell Springs	Mendocino	2	Bissell	Kern	14
Bell Station	Santa Clara	4	Bitterwater	San Benito	4
Bella Vista	Shasta	11	Black Bear	Siskiyou	16
Bellflower	Los Angeles	8	Black Butte	Glenn	16
Bellota	San Joaquin	12	Black Butte Reservoir	Glenn	11
Belmont	San Mateo	3	Black Butte Reservoir	Tehama	11
Belvedere	Marin	3	Black Butte River	Mendocino	16
Ben Hur	Mariposa	12	Black Canyon Wash	San Bernardino	14
Ben Lomond	Santa Cruz	3	Black Meadow Landing	San Bernardino	15
Benbow	Humboldt	2	Black Mountain	Fresno	13
Bend	Tehama	11	Black Point	Marin	2
Benicia	Solano	12	Blackhawk	Contra Costa	12
Bennetts Well	Inyo	14	Blackwells Corner	Kern	13
Benton	Mono	16	Blairsdon	Plumas	16
Benton Hot Springs	Mono	16	Blocksburg	Humboldt	2
Berenda	Madera	13	Bloomfield	Sonoma	2
Berkeley	Alameda	3	Bloomington	San Bernardino	10
Berry Creek	Butte	11	Blossom	Tehama	11
Berryessa	Santa Clara	4	Blue Canyon	Placer	16
Berryessa Lake	Napa	2	Blue Lake	Humboldt	1
Berryessa Peak	Napa	2/12	Blunt	Tehama	11
Berryessa Peak	Yolo	2/12	Blythe	Riverside	15
Beswick	Siskiyou	16	Boca	Nevada	16
Bethany	San Joaquin	12	Boca Reservoir	Nevada	16
Bethel Island	Contra Costa	12	Bodega	Sonoma	1
Betteravia	Santa Barbara	5	Bodega Bay	Marin	3
Beverly Hills	Los Angeles	9	Bodega Bay	Sonoma	1
Bieber	Lassen	16	Bodega Head	Sonoma	1
Big Bar	Trinity	16	Bodfish	Kern	16

City	County	CZ	City	County	CZ
Bodie	Mono	16	Buckeye	Shasta	11
Bolam	Siskiyou	16	Buckhorn Lake	Kern	14
Bolinas	Marin	3	Bucks Lake	Plumas	16
Bollibokka Mountain	Shasta	16	Budweiser Wash	San Bernardino	14
Bolsa Knolls	Monterey	3	Buellton	Santa Barbara	5
Bombay Beach	Imperial	15	Buena Park	Orange	8
Bonadella Ranchos – Madera	Fresno	13	Buena Vista	Amador	12
Bonanza King	Trinity	16	Buena Vista Lake Bed	Kern	13
Bonds Corner	Imperial	15	Bull Creek	Humboldt	1
Bonita	Madera	13	Bull Spring Wash	San Bernardino	14
Bonny Doon	Santa Cruz	3	Bullion Mountains	San Bernardino	14
Bonsall	San Diego	10	Buntingville	Lassen	16
Boonville	Mendocino	2	Burbank	Los Angeles	9
Bootjack	Mariposa	12	Burbeck	Mendocino	2
Boron	Kern	14	Burdell	Marin	2
Borrego	San Diego	15	Burlingame	San Mateo	3
Borrego Springs	San Diego	15	Burney	Shasta	16
Bostonia	San Diego	10	Burney Mountain	Shasta	16
Boulder Creek	Santa Cruz	3	Burnt Ranch	Trinity	16
Boulevard	San Diego	14	Burrelied	Fresno	13
Bowles	Fresno	13	Burson	Calaveras	12
Bowman	Placer	11	Butler Valley	Humboldt	1
Box Canyon	Riverside	15	Butte City	Glenn	11
Boyes Hot Springs	Sonoma	2	Butte Meadows	Butte	16
Bradbury	Los Angeles	9	Butte Valley	Siskiyou	16
Bradley	Monterey	4	Buttonwillow	Kern	13
Brannan Island	Sacramento	12	Byron	Contra Costa	12
Branscomb	Mendocino	1			
Brant	San Bernardino	14	C		
Brawley	Imperial	15	Cabazon	Riverside	15
Bray	Siskiyou	16	Cabrillo National Monument	San Diego	7
Brea	Orange	8	Cachuma Lake	Santa Barbara	5
Breckenridge Mountain	Kern	16	Cadiz	San Bernardino	15
Brentwood	Contra Costa	12	Cadiz Lake	San Bernardino	15
Briceburg	Mariposa	12	Cadiz Valley	San Bernardino	15
Briceland	Humboldt	2	Cady Mountains	San Bernardino	14
Bridge House	Sacramento	12	Cahto Peak	Mendocino	2
Bridgeport	Mono	16	Cahuilla	Riverside	16
Bridgeport Reservoir	Mono	16	Cajon Junction	San Bernardino	16
Bridgeville	Humboldt	2	Cajon Summit	San Bernardino	16
Briones Reservoir	Contra Costa	12	Calabasas	Los Angeles	9
Brisbane	San Mateo	3	Calada	San Bernardino	14
Bristol Lake	San Bernardino	15	Calaveras Reservoir	Alameda	12/4
Bristol Mountains	San Bernardino	14	Calaveras Reservoir	Santa Clara	12/4
Broderick	Yolo	12	Calaveras River	San Joaquin	12
Brookdale	Santa Cruz	3	Calaveritas	Calaveras	12
Brooks Ranch	Yolo	12	Calders Corner	Kern	13
Brown	Kern	14	Calexico	Imperial	15
Browns Valley	Yuba	11	Calflax	Fresno	13
Brownsville	Yuba	11	Caliente	Kern	16
Bruhel Point	Mendocino	1	Caliente Range	San Luis Obispo	4
Brush Creek	Butte	16	California City	Kern	14
Bryman	San Bernardino	14	California Hot Springs	Tulare	16
Bryson	Monterey	4	California Valley	San Luis Obispo	4
Bryte	Yolo	12	Calimesa	Riverside	10
Buck Meadows	Mariposa	16			

City	County	CZ	City	County	CZ
Calipatria	Imperial	15	Carson River (East Fork)	Alpine	16
Calistoga	Napa	2	Carson River (West Fork)	Alpine	16
Callahan	Siskiyou	16	Cartago	Inyo	16
Calneva	Lassen	16	Caruthers	Fresno	13
Calpella	Mendocino	2	Casa de Oro, Mount Helix	San Diego	10
Calpine	Sierra	16	Cascade Range	Siskiyou	16
Calwa	Fresno	13	Casitas Springs	Ventura	9
Camanche Reservoir	Amador	12	Casmalia	Santa Barbara	5
Camanche Reservoir	Calaveras	12	Caspar	Mendocino	1
Camarillo	Ventura	6	Cassel	Shasta	16
Cambria	San Luis Obispo	5	Castaic	Los Angeles	9
Cameron Park	El Dorado	12	Castella	Shasta	16
Camino	El Dorado	12	Castle Air Force Base	Merced	12
Camino	San Bernardino	14	Castro Valley	Alameda	3
Camp Angelus	San Bernardino	16	Castroville	Monterey	3
Camp Far West Reservoir	Yuba	11	Caswell	Los Angeles	16
Camp Meeker	Sonoma	2	Cathedral City	Riverside	15
Camp Nelson	Tulare	16	Catheys Valley	Mariposa	12
Camp Pardee	Calaveras	12	Catlett	Sutter	11
Camp Pendleton	San Diego	10	Cayton	Shasta	16
Camp Richardson	El Dorado	16	Cayucos	San Luis Obispo	5
Camp Roberts	Monterey	4	Cazadero	Sonoma	1
Campbell	Santa Clara	4	Cecilville	Siskiyou	16
Campo	San Diego	14	Cedar Grove	Fresno	16
Campo Seco	Calaveras	12	Cedar Ridge	Nevada	11
Camptonville	Yuba	16	Cedar Wash	San Bernardino	14
Canby	Modoc	16	Cedarville	Modoc	16
Canoga Park	Los Angeles	9	Centerville	Fresno	13
Cantil	Kern	14	Centerville	Humboldt	1
Canyon Lake	Riverside	10	Centerville	Shasta	11
Canyondam	Plumas	16	Centerville Power House	Butte	11
Capay	Yolo	12	Central Valley	Shasta	11
Cape Mendocino	Humboldt	1	Ceres	Stanislaus	12
Cape San Martin	Monterey	4	Cerritos	Los Angeles	8
Capetown	Humboldt	1	Cerro Alto	San Luis Obispo	4
Capistrano Beach	Orange	6	Cerro Gordo Peak	Inyo	16
Capitan	Santa Barbara	6	Chalfant	Mono	16
Capitola	Santa Cruz	3	Challenge	Yuba	16
Caples Lake	Alpine	16	Chambless	San Bernardino	15
Carbona	San Joaquin	12	Chanchelulla Peak	Trinity	16
Carbondale	Amador	12	Charter Oak	Los Angeles	9
Cardiff-by-the-Sea	San Diego	7	Chatsworth	Los Angeles	9
Caribou	Plumas	16	Chemurgic	Stanislaus	12
Carlotta	Humboldt	1	Cherokee	Butte	11
Carlsbad	San Diego	7	Cherry Lake	Tuolumne	16
Carmel Highlands	Monterey	3	Cherry Valley	Riverside	10
Carmel Valley	Monterey	3	Cherryland	Alameda	3
Carmel-by-the-Sea	Monterey	3	Chester	Plumas	16
Carmichael	Sacramento	12	Chicago Park	Nevada	11
Carnelian Bay	Placer	16	Chico	Butte	11
Carpinteria	Santa Barbara	6	Chidago Canyon	Mono	16
Carr Butte	Modoc	16	Chilcoot	Plumas	16
Carrizo Plain	San Luis Obispo	4	China Lake	Kern	14
Carrizo Wash	Imperial	15	China Lake	San Bernardino	14
Carrville	Trinity	16	China Peak	Trinity	16
Carson	Los Angeles	6	Chinese Camp	Tuolumne	12

City	County	CZ	City	County	CZ
Chino	San Bernardino	10	Collinsville	Solano	12
Chino Hills	San Bernardino	10	Colma	San Mateo	3
Chiriaco Summit	Riverside	14	Coloma	El Dorado	12
Chloride City	Inyo	16	Colorado River	San Bernardino	15
Cholame	San Luis Obispo	4	Colton	San Bernardino	10
Cholame Hills	Monterey	4	Columbia	Tuolumne	12
Chowchilla	Madera	13	Colusa	Colusa	11
Chowchilla Canal	Madera	13	Colusa Basin Drainage Canal	Yolo	12
Chrome	Glenn	11	Colusa Trough	Colusa	11
Chualar	Monterey	3	Commerce	Los Angeles	8
Chubbuck	San Bernardino	15	Comptche	Mendocino	1
Chuckwalla Mountains	Riverside	14	Compton	Los Angeles	8
Chuckwalla Valley	Riverside	15	Concepcion	Santa Barbara	6
Chula Vista	San Diego	7	Concord	Contra Costa	12
Cima	San Bernardino	14	Condrey Mountain	Siskiyou	16
Cisco	Placer	16	Conejo	Fresno	13
Citrus Heights	Sacramento	12	Conner	Kern	13
City Terrace	Los Angeles	9	Constantia	Lassen	16
Clair Engle Lake	Trinity	16	Cooks Station	Amador	16
Claraville	Kern	16	Cool	El Dorado	12
Claremont	Los Angeles	9	Copco	Siskiyou	16
Clark Mountain	San Bernardino	14	Copperopolis	Calaveras	12
Clarksburg	Yolo	12	Corcoran	Kings	13
Clarksville	El Dorado	12	Corcoran Reservoir	Kings	13
Clavey River	Tuolumne	16	Cordelia	Solano	12
Clay	Sacramento	12	Cornell	Los Angeles	6
Clayton	Contra Costa	12	Cornell	Modoc	16
Clear Creek	Lassen	16	Corning	Tehama	11
Clear Lake Reservoir	Modoc	16	Corning Canal	Tehama	11
Clearlake	Lake	2	Corona	Riverside	10
Clearlake Highlands	Lake	2	Corona Del Mar	Orange	6
Clearlake Oaks	Lake	2	Coronado	San Diego	7
Clearlake Park	Lake	2	Corral Hollow	Alameda	12
Clements	San Joaquin	12	Corral Hollow	San Joaquin	12
Cleone	Mendocino	1	Corralitos	Santa Cruz	3
Clio	Plumas	16	Corte Madera	Marin	2
Clipper Gap	Placer	11	Coso Hot Springs	Inyo	16
Clipper Mills	Butte	16	Coso Junction	Inyo	16
Cloverdale	Shasta	11	Coso Peak	Inyo	16
Cloverdale	Sonoma	2	Coso Range	Inyo	16
Clovis	Fresno	13	Costa Mesa	Orange	6
Clyde	Imperial	15	Cosumnes River	Sacramento	12
Coachella	Riverside	15	Cotati	Sonoma	2
Coachella Valley	Riverside	15	Coto De Caza	Orange	8
Coalinga	Fresno	13	Cottage Grove	Siskiyou	16
Coarsegold	Madera	13	Cottonwood	Shasta	11
Cobb	Lake	2	Cottonwood Canyon	Inyo	14/16
Coburn	Monterey	4	Cottonwood Mountains	Inyo	16
Codora	Glenn	11	Cottonwood Wash	San Bernardino	14
Cohasset	Butte	11	Cougar	Siskiyou	16
Cold Springs	Tuolumne	16	Coulterville	Mariposa	12
Coleville	Mono	16	Country Club	San Joaquin	12
Colfax	Placer	11	Courtland	Sacramento	12
College City	Colusa	11	Courtright Reservoir	Fresno	16
Collegeville	San Joaquin	12	Covelo	Mendocino	2
Collierville	San Joaquin	12	Covina	Los Angeles	9

City	County	CZ	City	County	CZ
Covington Mill	Trinity	16	Darrah	Mariposa	12
Cow Head Lake	Modoc	16	Darwin	Inyo	16
Cowtrack Mountain	Mono	16	Darwin Wash	Inyo	16
Coyote	Santa Clara	4	Daulton	Madera	13
Coyote Lake	San Bernardino	14	Davenport	Santa Cruz	3
Coyote Wash	Imperial	15	Davis	Yolo	12
Cranmore	Sutter	11	Davis Creek	Modoc	16
Crannell	Humboldt	1	Dawes	San Bernardino	14
Crater Mountain	Lassen	16	Day	Modoc	16
Crescent City	Del Norte	1	Dayton	Butte	11
Crescent Mills	Plumas	16	De Luz	San Diego	10
Cressey	Merced	12	De Sabla	Butte	11
Crestline	San Bernardino	16	Deadwood	Trinity	16
Creston	San Luis Obispo	4	Death Valley	Inyo	14
Crestview	Mono	16	Death Valley Junction	Inyo	14
Crockett	Contra Costa	12	Death Valley Wash	Inyo	14
Cromberg	Plumas	16	Dedrick	Trinity	16
Cross Roads	San Bernardino	15	Deep Canyon	Riverside	15
Crows Landing	Stanislaus	12	Deep Springs	Inyo	16
Crucero	San Bernardino	14	Deep Springs Lake	Inyo	16
Crystal Springs Reservoir	San Mateo	3	Deep Water Ship Channel	Solano	12
Cucamonga	San Bernardino	10	Deep Water Ship Channel	Yolo	12
Cudahy	Los Angeles	8	Deer Creek Power House	Nevada	16
Cuddeback Lake	San Bernardino	14	Deetz	Siskiyou	16
Cuddy Canyon	Kern	16	Del Aire	Los Angeles	6
Cuddy Canyon	Ventura	16	Del Dios	San Diego	10
Cuesta Pass	San Luis Obispo	4	Del Loma	Trinity	16
Culver City	Los Angeles	8	Del Mar	San Diego	7
Cummings	Mendocino	2	Del Paso Heights	Sacramento	12
Cunningham	Sonoma	2	Del Rey	Fresno	13
Cupertino	Santa Clara	4	Del Rey Oaks	Monterey	3
Curtis	Siskiyou	16	Del Rosa	San Bernardino	16
Cutler	Tulare	13	Delano	Kern	13
Cutten	Humboldt	1	Delevan	Colusa	11
Cuyama	Santa Barbara	4	Delhi	Merced	12
Cuyama Valley	San Luis Obispo	4	Delleker	Plumas	16
Cuyama Valley	Santa Barbara	4	Delta	Shasta	16
Cuyamaca	San Diego	7	Denair	Stanislaus	12
Cuyamaca Peak	San Diego	14	Denny	Trinity	16
Cypress	Orange	8	Denverton	Solano	12
D			Derby Acres	Kern	13
Daggett	San Bernardino	14	Descanso	San Diego	14
Dairyland	Madera	13	Desert	San Bernardino	14
Dairyville	Tehama	11	Desert Beach	Riverside	15
Dale Lake	San Bernardino	14	Desert Center	Riverside	15
Dales	Tehama	11	Desert Hot Springs	Riverside	15
Dalton	Modoc	16	Desert Shores	Imperial	15
Daly City	San Mateo	3	Desert View Highland	Los Angeles	14
Dana	Shasta	16	Devils Canyon	Los Angeles	16
Dana Point	Orange	6	Devils Den	Kern	13
Danby	San Bernardino	14	Devils Playground	San Bernardino	14
Danby Lake	San Bernardino	15	Devils Playground Wash	San Bernardino	14
Danville	Contra Costa	12	Devore	San Bernardino	10
Dardanelle	Tuolumne	16	Di Giorgio	Kern	13
			Diablo	Contra Costa	12
			Diablo Range	Santa Clara	4

City	County	CZ	City	County	CZ
Diamond Bar	Los Angeles	9	Eagle Lake Resort	Lassen	16
Diamond Mountains	Lassen	16	Eagle Mountain	Riverside	14
Diamond Mountains	Plumas	16	Eagle Mountains	Riverside	14
Diamond Springs	El Dorado	12	Eagle Peak	Modoc	16
Dillon Beach	Marin	3	Eagleville	Modoc	16
Dinkey Creek	Fresno	16	Earl mart	Tulare	13
Dinsmores	Humboldt	2	Earp	San Bernardino	15
Dinuba	Tulare	13	East Biggs	Butte	11
Discovery Bay	Contra Costa	12	East Compton	Los Angeles	8
Dixie Mountain	Plumas	16	East Hemet	Riverside	10
Dixieland	Imperial	15	East Highlands	San Bernardino	10
Dixon	Solano	12	East Irvine	Orange	8
Dobbins	Yuba	11	East La Mirada	Los Angeles	9
Dolomite	Inyo	16	East Los Angeles	Los Angeles	9
Dominguez	Los Angeles	8	East Mesa	Imperial	15
Donner Pass	Nevada	16	East Nicolaus	Sutter	11
Donner Pass	Placer	16	East Palo Alto	San Mateo	3
Dorrington	Calaveras	16	East Park Reservoir	Colusa	11
Dorris	Siskiyou	16	East Pasadena	Los Angeles	16
Dos Cabezas	San Diego	15	East Porterville	Tulare	13
Dos Palos	Merced	12	East Quincy	Plumas	16
Dos Rios	Mendocino	2	East San Gabriel	Los Angeles	9
Douglas City	Trinity	16	East Walker River	Mono	16
Downey	Los Angeles	8	East Whittier	Los Angeles	9
Downie River	Sierra	16	Easton	Fresno	13
Downieville	Sierra	16	Ebbetts Pass	Alpine	16
Doyle	Lassen	16	Echo	Mendocino	2
Dozler	Solano	12	Echo Canyon	Inyo	14
Drake	Santa Barbara	6	Echo Lake	El Dorado	16
Drakes Bay	Marin	3	Echo Summit	El Dorado	16
Drakes Estero	Marin	3	Eder	Placer	16
Drakesbad	Plumas	16	Edgemont	Riverside	10
Dry Canyon	Ventura	16	Edgewood	Siskiyou	16
Drytown	Amador	12	Edison	Kern	13
Duarte	Los Angeles	9	Edna	San Luis Obispo	5
Dublin	Alameda	12	Edwards Air Force Base	Kern	14
Ducor	Tulare	13	Eel Rock	Humboldt	2
Dudleys	Mariposa	12	El Cajon	San Diego	10
Dugynos Canyon	San Diego	15	El Capitan Reservoir	San Diego	14
Dulzura	San Diego	10	El Centro	Imperial	15
Duncan Canyon	Placer	16	El Cerrito	Contra Costa	3
Duncans Mills	Sonoma	1	El Dorado	El Dorado	12
Dunlap	Fresno	13	El Dorado Hills	El Dorado	12
Dunmovin	Inyo	16	El Granada	San Mateo	3
Dunnigan	Yolo	12	El Mirage	San Bernardino	14
Dunsmuir	Siskiyou	16	El Mirage Lake	San Bernardino	14
Durham	Butte	11	El Monte	Los Angeles	9
Durmid	Riverside	15	El Nido	Merced	12
Dutch Flat	Placer	16	El Paso de Robles	San Luis Obispo	4
Duttons Landing	Napa	2	El Paso Mountains	Kern	14
Dwinnell Reservoir	Siskiyou	16	El Portal	Mariposa	16
			El Rio	Ventura	6
E			El Segundo	Los Angeles	6
Eagle Crags	San Bernardino	14	El Sobrante	Contra Costa	3
Eagle Lake	Lassen	16	El Toro	Orange	8
			El Verano	Sonoma	2

City	County	CZ	City	County	CZ
Elders Corner	Placer	11	Fallbrook	San Diego	10
Elderwood	Tulare	13	Fallen Leaf Lake	El Dorado	16
Electra Power House	Amador	12	Fallon	Marin	3
Elizabeth Lake Canyon	Los Angeles	16	Famoso	Kern	13
Elk	Mendocino	1	Fandango Pass	Modoc	16
Elk Bayou	Tulare	13	Farallon Island	San Francisco	1
Elk Creek	Glenn	11	Farmersville	Tulare	13
Elk Grove	Sacramento	12	Farmington	San Joaquin	12
Elk River	Humboldt	1	Fawnskin	San Bernardino	16
Elk River (North Fork)	Humboldt	1	Feather Falls	Butte	16
Elk River (South Fork)	Humboldt	1	Feather River	Sutter	11
Elk Valley	Del Norte	16	Feather River (Middle Fork)	Butte	16
Elkhorn Slough	Monterey	3	Feather River (North Fork)	Butte	16
Elmira	Solano	12	Fellows	Kern	13
Elsinore	Riverside	10	Felton	Santa Cruz	3
Elverta	Sacramento	12	Fenner	San Bernardino	14
Emerald Bay	Orange	6	Fenner Valley	San Bernardino	14
Emerson Lake	San Bernardino	14	Ferguson Lake	Imperial	15
Emeryville	Alameda	3	Fern	Shasta	11
Emigrant Canyon	Inyo	16	Fernbridge	Humboldt	1
Emigrant Gap	Placer	16	Fernbrook	San Diego	10
Empire	Stanislaus	12	Ferndale	Humboldt	1
Encanto	San Diego	10	Fiddletown	Amador	12
Encinitas	San Diego	7	Fieldbrook	Humboldt	1
Encino	Los Angeles	9	Fields Landing	Humboldt	1
Enterprise	Shasta	11	Figarden	Fresno	13
Erickson	Siskiyou	16	Fillmore	Ventura	9
Escalon	San Joaquin	12	Finley	Lake	2
Escondido	San Diego	10	Firebaugh	Fresno	13
Esparto	Yolo	12	Fish Camp	Mariposa	16
Essex	San Bernardino	14	Fish Springs	Inyo	16
Estero Bay	San Luis Obispo	5	Five Points	Fresno	13
Estrella	San Luis Obispo	4	Fleming Fish & Game	Lassen	16
Estrella River	San Luis Obispo	4	Fletcher	Modoc	16
Etiwanda	San Bernardino	14	Florence	Los Angeles	8
Etna	Siskiyou	16	Florence Lake	Fresno	16
Etsel Ridge	Mendocino	16	Florence Peak	Tulare	16
Ettersburg	Humboldt	1	Florin	Sacramento	12
Eugene	Stanislaus	12	Floriston	Nevada	16
Eureka	Humboldt	1	Flournoy	Tehama	11
Eureka Valley	Inyo	16	Flynn	San Bernardino	14
Exeter	Tulare	13	Folsom	Sacramento	12
F			Fontana	San Bernardino	10
Fair Oaks	Sacramento	12	Foothill Farms	Sacramento	12
Fairfax	Marin	2	Forbestown	Butte	16
Fairfield	Solano	12	Ford City	Kern	13
Fairmead	Madera	13	Ford Dry Lake	Riverside	15
Fairmont	Los Angeles	14	Forest	Sierra	16
Fairview	Tulare	16	Forest Falls	San Bernardino	16
Fairville	Sonoma	2	Forest Glen	Trinity	16
Fales Hot Springs	Mono	16	Forest Hill Divide	Placer	16
Falk	Humboldt	1	Forest Knolls	Marin	2
Fall River	Shasta	16	Forest Ranch	Butte	11
Fall River Mills	Shasta	16	Foresthill	Placer	16
			Forestville	Sonoma	2
			Forks of Salmon	Siskiyou	16

City	County	CZ	City	County	CZ
Fort Baker	Marin	3	Garberville	Humboldt	2
Fort Bidwill	Modoc	16	Garden Acres	San Joaquin	12
Fort Bragg	Mendocino	1	Garden Grove	Orange	8
Fort Dick	Del Norte	1	Garden Valley	El Dorado	12
Fort Goff	Siskiyou	16	Gardena	Los Angeles	8
Fort Jones	Siskiyou	16	Garey	Santa Barbara	5
Fort MacArthur	San Diego	7	Garlock	Kern	14
Fort Ord	Monterey	3	Gas Point	Shasta	11
Fort Ross	Sonoma	1	Gasquet	Del Norte	16
Fort Seward	Humboldt	2	Gaviota	Santa Barbara	6
Fortuna	Humboldt	1	Gaviota Pass	Santa Barbara	6
Fossil Canyon	San Bernardino	14	Gazelle	Siskiyou	16
Foster City	San Mateo	3	Genesee	Plumas	16
Fountain Springs	Tulare	13	George A.F.B.	San Bernardino	14
Fountain Springs Gulch	Tulare	13	Georgetown	El Dorado	12
Fountain Valley	Orange	6	Gerber	Tehama	11
Fourth Crossing	Calaveras	12	Geyserville	Sonoma	2
Fouts Springs	Colusa	11	Giant Forest	Tulare	16
Fowler	Fresno	13	Gibson Peak	Trinity	16
Foxen Canyon	Santa Barbara	5	Gibsonville	Sierra	16
Franklin	Sacramento	12	Gillespie Field	Solano	12
Franklin Well	Inyo	14	Gillman Hot Springs	Riverside	10
Frazier Mountain	Ventura	16	Gilroy	Santa Clara	4
Frazier Park	Kern	16	Girvan	Shasta	11
Fredonyer Peak	Lassen	16	Glacier	Inyo	16
Freedom	Santa Cruz	3	Glamis	Imperial	15
Freel Peak	Alpine	16	Glasgow	San Bernardino	14
Freel Peak	El Dorado	16	Glass Mountain	Mono	16
Freeman Junction	Kern	14	Glen Avon	Riverside	10
Freeport	Sacramento	12	Glen Ellen	Sonoma	2
Freestone	Sonoma	2	Glenburg	Shasta	16
Fremont	Alameda	3	Glencoe	Calaveras	12
Fremont Peak	San Bernardino	14	Glendale	Los Angeles	9
Fremont Valley	Kern	14	Glendora	Los Angeles	9
Fremont Wash	San Bernardino	14	Glenhaven	Lake	2
French Camp	San Joaquin	12	Glenn	Glenn	11
French Corral	Nevada	11	Glenn Colusa Canal	Colusa	11
French Gulch	Shasta	11	Glennville	Kern	16
Frenchman Lake	Plumas	16	Goffs	San Bernardino	14
Freshwater	Humboldt	1	Gold Canyon	Kern	16
Fresno	Fresno	13	Gold Rock Rch	Imperial	15
Fresno Slough	Fresno	13	Gold Run	Placer	16
Friant	Fresno	13	Golden Gate	Marin	3
Friant Dam	Madera	13	Golden Gate	San Francisco	3
Fried Liver Wash	Riverside	14	Golden Hills	Kern	16
Frink	Imperial	15	Goldstone	San Bernardino	14
Fruto	Glenn	11	Goldstone Lake	San Bernardino	14
Fullerton	Orange	8	Goleta	Santa Barbara	6
Fulton	Sonoma	2	Gonzales	Monterey	3
Funeral Park	Inyo	14	Goodyears Bar	Sierra	16
Furnace Creek Wash	Inyo	14	Goose Lake	Modoc	16
			Gooseneast	Siskiyou	16
G			Gorda	Monterey	3
Galt	Sacramento	12	Gordon Mountain	Del Norte	16
Ganns	Calaveras	16	Gordons Well	Imperial	15
			Gorman	Los Angeles	16

City	County	CZ	City	County	CZ
Goshen	Tulare	13	Haiwee Reservoir	Inyo	16
Goumaz	Lassen	16	Hales Grove	Mendocino	1
Granada Hills	Los Angeles	9	Half Dome	Mariposa	16
Grand Terrace	San Bernardino	10	Half Moon Bay	San Mateo	3
Grangeville	Kings	13	Halloran Springs	San Bernardino	14
Granite Bay	Placer	11	Halls Flat	Lassen	16
Granite Chief	Placer	16	Hambone	Siskiyou	16
Granite Mountains	San Bernardino	14	Hamburg	Siskiyou	16
Graniteville	Nevada	16	Hamilton A.F.B.	Marin	2
Grant Grove	Tulare	16	Hamilton City	Glenn	11
Grant Lake	Mono	16	Hammonton	Yuba	11
Grapevine	Kern	13	Hanford	Kings	13
Grass Lake	Siskiyou	16	Happy Camp	Siskiyou	16
Grass Valley	Nevada	11	Harbinson Canyon	San Diego	10
Graton	Sonoma	2	Harbor City	Los Angeles	8
Grayson	Stanislaus	12	Harden Flat	Tuolumne	16
Green Valley	Los Angeles	16	Hardwick	Kings	13
Green Valley Lake	San Bernardino	16	Harmony	San Luis Obispo	5
Greenacres	Kern	13	Harper Lake	San Bernardino	14
Greenfield	Kern	13	Harris	Humboldt	2
Greenfield	Monterey	4	Hart	San Bernardino	14
Greenhorn Mountains	Kern	16	Hat Creek	Shasta	16
Greenhorn Mountains	Tulare	16	Hathaway Pines	Calaveras	16
Greenview	Siskiyou	16	Havasu Lake	San Bernardino	15
Greenville	Plumas	16	Havilah	Kern	16
Greenwater Range	Inyo	14	Hawaiian Gardens	Los Angeles	8
Greenwood	El Dorado	12	Hawes	San Bernardino	14
Greenwood	Glenn	11	Hawkinsville	Siskiyou	16
Grenada	Siskiyou	16	Hawthorne	Los Angeles	8
Gridley	Butte	11	Hayden Hill	Lassen	16
Grimes	Colusa	11	Hayfield	Riverside	14
Grizzly Bay	Solano	12	Hayfield Lake	Riverside	14
Grizzly Flat	El Dorado	16	Hayfork	Trinity	16
Grommet	San Bernardino	15	Hayfork Bally	Trinity	16
Grossmont	San Diego	7	Hayward	Alameda	3
Grouse Mountain	Modoc	16	Healdsburg	Sonoma	2
Groveland	Tuolumne	12	Hearst	Mendocino	2
Grover Beach	San Luis Obispo	5	Heber	Imperial	15
Grover City	San Luis Obispo	5	Hector	San Bernardino	14
Grover Hot Springs	Alpine	16	Helena	Trinity	16
Guadalupe	Santa Barbara	5	Helendale	San Bernardino	14
Gualala	Mendocino	1	Helm	Fresno	13
Gualala River (South Fork)	Mendocino	1	Hemet	Riverside	10
Guatay	San Diego	14	Henderson Village	San Joaquin	12
Guerneville	Sonoma	2	Henleyville	Tehama	11
Guernsey	Kings	13	Henshaw Dam	San Diego	10
Guinda	Yolo	12	Herald	Sacramento	12
Gulf of the Farallones	Marin	3	Hercules	Contra Costa	3
Gulf of the Farallones	San Francisco	3	Herlong	Lassen	16
Gustine	Merced	12	Hermosa Beach	Los Angeles	6
			Herndon	Fresno	13
H			Hesperia	San Bernardino	14
Hacienda	Sonoma	2	Hetch Hetchy Junction	Tuolumne	12
Hacienda Heights	Los Angeles	9	Hetch Hetchy Reservoir	Tuolumne	16
Hackamore	Modoc	16	Hi Vista	Los Angeles	14
			Hickman	Stanislaus	12

City	County	CZ	City	County	CZ
Hidden Hills	Los Angeles	9	Huntington Lake	Fresno	16
Hidden Springs	Los Angeles	16	Huntington Park	Los Angeles	8
Hidden Valley	Placer	11	Hupa Mountain	Humboldt	1
Higgins Corner	Nevada	11	Huron	Fresno	13
High Peak	Glenn	11	Hyampom	Trinity	16
Highgrove	Riverside	10	Hydesville	Humboldt	1
Highland	San Bernardino	10			
Highland Park	Los Angeles	9	I		
Highland Peak	Alpine	16			
Highway City	Fresno	13	Idlewild	Del Norte	1
Hillcrest Center	Kern	16	Idria	San Benito	4
Hills Ferry	Stanislaus	12	Idyllwild	Riverside	16
Hillsborough	San Mateo	3	Igo	Shasta	11
Hilmar	Merced	12	Imperial	Imperial	15
Hilt	Siskiyou	16	Imperial Beach	San Diego	7
Hinkley	San Bernardino	14	Imperial Dam	Imperial	15
Hiouchi	Del Norte	1	Imperial Reservoir	Imperial	15
Hobart Mills	Nevada	16	Imperial Valley	Imperial	15
Hobergs	Lake	2	Inca	Riverside	15
Hodge	San Bernardino	14	Independence	Inyo	16
Hog Canyon	San Luis Obispo	4	Indian Wells	Riverside	15
Hollenbeck	Modoc	16	Indian Wells Valley	Kern	14
Hollister	San Benito	4	Indio	Riverside	15
Hollywood	Los Angeles	9	Industry	Los Angeles	9
Hollywood-by-the-Sea	Ventura	6	Inglenook	Mendocino	1
Holmes	Humboldt	1	Inglewood	Los Angeles	8
Holt	San Joaquin	12	Ingomar	Merced	12
Holtville	Imperial	15	Ingot	Shasta	11
Home Gardens	Riverside	10	Inskip	Butte	16
Homeland	Riverside	10	Inskip Hill	Tehama	11
Homer	San Bernardino	14	Inverness	Marin	3
Homer Wash	San Bernardino	14	Inwood	Shasta	11
Homewood	Placer	16	Inyo Mountains	Inyo	16
Honcut	Butte	11	Inyokern	Kern	14
Honda	Santa Barbara	5	Ione	Amador	12
Honey Lake	Lassen	16	Iowa Hill	Placer	16
Honeydew	Humboldt	1	Iris	Imperial	15
Honker Bay	Solano	12	Irish Hills	San Luis Obispo	5
Hood	Sacramento	12	Iron Mountain	Shasta	11
Hooker	Tehama	11	Irvine	Orange	8
Hoopa	Humboldt	2	Irwin	Merced	12
Hopeton	Merced	12	Irwindale	Los Angeles	9
Hopland	Mendocino	2	Isabella Reservoir	Kern	16
Hornbrook	Siskiyou	16	Isla Vista	Santa Barbara	6
Hornitos	Mariposa	12	Island Mountain	Trinity	2
Horse Creek	Siskiyou	16	Isleton	Sacramento	12
Horse Flat	Del Norte	16	Ivanhoe	Tulare	13
Horse Lake	Lassen	16	Ivanpah	San Bernardino	14
Hotlum	Siskiyou	16	Ivanpah Lake	San Bernardino	14
Huasna	San Luis Obispo	5	Ivanpah Valley	San Bernardino	14
Huasna River	San Luis Obispo	5	Ivesta	Fresno	13
Hughson	Stanislaus	12			
Humboldt Bay	Humboldt	1	J		
Hume	Fresno	16			
Humphreys Station	Fresno	13	Jackson	Amador	12
Huntington Beach	Orange	6	Jackson Meadows Reservoir	Nevada	16

City	County	CZ	City	County	CZ
Jackson Meadows Reservoir	Sierra	16	Kerman	Fresno	13
Jacksonville	Tuolumne	12	Kern River (South Fork)	Kem	16
Jacumba	San Diego	14	Kern River Channel	Kings	13
Jacumba Mountains	San Diego	15	Kernville	Kem	16
Jalama	Santa Barbara	5	Keswick	Shasta	11
Jamesan	Fresno	13	Kettenpom	Trinity	2
Jamesburg	Monterey	4	Kettleman City	Kings	13
Jamestown	Tuolumne	12	Kettleman Hills	Kings	13
Jamul	San Diego	10	Keyes	Stanislaus	12
Janesville	Lassen	16	King City	Monterey	4
Jasmin	Kem	13	King Range	Humboklt	1
Java	San Bernardino	15	Kings Beach	Placer	16
Jellico	Lassen	16	Kings River	Fresno	13
Jenner	Sonoma	1	Kings River	Kings	13
Jenny Lind	Calaveras	12	Kings River (Middle Fork)	Fresno	16
Jerome	Siskiyou	16	Kings River (North Fork)	Fresno	16
Jess Valley	Modoc	16	Kings River (South Fork)	Fresno	16
Jimtown	Sonoma	2	Kingsburg	Fresno	13
Johannesburg	Kem	14	Kingston Peak	San Bernardino	14
John Wayne AP	Orange	6	Kingston Wash	San Bernardino	14
Johnsondale	Tulare	16	Kinyon	Siskiyou	16
Johnsons	Humboklt	1	Kirkville	Sutter	11
Johnstonville	Lassen	16	Kirkwood	Sutter	11
Johnsville	Plumas	16	Kismet	Madera	13
Jolon	Monterey	4	Klamath	Del Norte	1
Jonesville	Butte	16	Klamath Glen	Del Norte	1
Josephine	Sutter	11	Klamath Mountains	Siskiyou	16
Joshua Tree	San Bernardino	14	Klamath River	Siskiyou	16
Julian	San Diego	14	Klamathon	Siskiyou	16
Junction City	Trinity	16	Klondike	San Bernardino	14
June Lake	Mono	16	Kneeland	Humboklt	1
Juniper Hills	Los Angeles	14	Knights Ferry	Stanislaus	12
Junipero Serra Peak	Monterey	4	Knights Landing	Yolo	12
			Knightsen	Contra Costa	12
K			Knob	Shasta	16
Kaiser Peak	Fresno	16	Knowles	Madera	13
Kandra	Modoc	16	Knoxville	Napa	2
Karlo	Lassen	16	Koehn Lake	Kem	14
Kaweah	Tulare	13	Korbel	Humboklt	1
Kaweah River (Middle Fork)	Tulare	16	Kramer Junction	San Bernardino	14
Kearsarge	Inyo	16	Kyburz	El Dorado	16
Kecks Corner	Kem	13			
Keddie	Plumas	16	L		
Keddie Ridge	Plumas	16	L.L. Anderson Reservoir	Placer	16
Keeler	Inyo	16	La Barr	Nevada	11
Keene	Kem	16	La Canada Flintridge	Los Angeles	9
Kekawaka	Trinity	2	La Crescenta	Los Angeles	9
Kelsey	El Dorado	12	La Grange	Stanislaus	12
Kelseyville	Lake	2	La Habra	Orange	9
Kelso	San Bernardino	14	La Habra Heights	Los Angeles	9
Kelso Wash	San Bernardino	14	La Honda	San Mateo	3
Kentfield	Marin	2	La Jolla	San Diego	7
Kenwood	Sonoma	2	La Mesa	San Diego	7
Keough Hot Springs	Inyo	16	La Mirada	Los Angeles	9
Kephart	Modoc	16	La Palma	Orange	8

City	County	CZ	City	County	CZ
La Panza Range	San Luis Obispo	4	Lamoine	Shasta	16
La Porte	Plumas	16	Lamont	Kern	13
La Puente	Los Angeles	9	Lanare	Fresno	13
La Quinta	Riverside	15	Lancaster	Los Angeles	14
La Riviera	Sacramento	12	Landers	San Bernardino	14
La Selva Beach	Santa Cruz	3	Lane Mountain	San Bernardino	14
La Verne	Los Angeles	9	Lanfair Valley	San Bernardino	14
La Vina	Madera	13	Larksfield-Wikiup	Sonoma	2
Ladera Heights	Los Angeles	9	Larkspur	Marin	2
Lafayette	Contra Costa	12	Las Cruces	Santa Barbara	5
Laguna Beach	Orange	6	Las Flores	San Diego	7
Laguna Dam	Imperial	15	Las Plumas	Butte	11
Laguna Hills	Orange	6/8	Lassen Peak	Shasta	16
Laguna Niguel	Orange	6	Last Chance Canyon	Kern	14
Lake Almanor	Plumas	16	Last Chance Range	Inyo	16
Lake Alpine	Alpine	16	Lathrop	San Joaquin	12
Lake Arrowhead	San Bernardino	16	Laton	Fresno	13
Lake Berryessa	Napa	2	Latrobe	El Dorado	12
Lake Britton	Shasta	16	Lava Beds	Modoc	16
Lake Cachuma	Santa Barbara	5	Lavic	San Bernardino	14
Lake Casitas	Ventura	9	Lavic Lake	San Bernardino	14
Lake City	Modoc	16	Lawndale	Los Angeles	8
Lake Crowley	Mono	16	Laws	Inyo	16
Lake Davis	Plumas	16	Le Grand	Merced	12
Lake Del Valley	Alameda	12	Leach Lake	San Bernardino	14
Lake Earl	Del Norte	1	Leavitt	Lassen	16
Lake Eleanor	Tuolumne	16	Leavitt Peak	Mono	16
Lake Elsinore	Riverside	10	Leavitt Peak	Tuolumne	16
Lake Forest	Orange	8	Lebec	Kern	16
Lake Havasu	San Bernardino	15	Lee Vining	Mono	16
Lake Hennessey	Napa	2	Lee Wash	Inyo	16
Lake Henshaw	San Diego	14	Leech Lake Mountain	Mendocino	16
Lake Isabella	Kern	16	Leesville	Colusa	11
Lake Kaweah	Tulare	13	Leggett	Mendocino	1
Lake Los Angeles	Los Angeles	14	Lemon Grove	San Diego	7
Lake Mathews	Riverside	10	Lemoncove	Tulare	13
Lake McClure	Mariposa	12	Lemoore	Kings	13
Lake Mendocino	Mendocino	2	Lennox	Los Angeles	8
Lake Mountain	Siskiyou	16	Lenwood	San Bernardino	14
Lake Oroville	Butte	11	Leona Valley	Los Angeles	14
Lake Perris	Riverside	10	Leucadia	San Diego	7
Lake Pillsbury	Lake	2	Lewiston	Trinity	16
Lake Spaulding	Nevada	16	Lewiston Lake	Trinity	16
Lake Success	Tulare	13	Liberty Farms	Solano	12
Lake Tahoe	El Dorado	16	Libfarm	Solano	12
Lake Tahoe	Placer	16	Likely	Modoc	16
Lake Wyandotte	Butte	11	Lincoln	Placer	11
Lakehead	Shasta	16	Lincoln Village	San Joaquin	12
Lakeland Village	Riverside	10	Linda	Yuba	11
Lakeport	Lake	2	Linda Vista	San Diego	7
Lakeshore	Fresno	16	Lindcove	Tulare	13
Lakeside	San Diego	10	Linden	San Joaquin	12
Lakeview	Kern	13	Lindsay	Tulare	13
Lakeview	Riverside	10	Litchfield	Lassen	16
Lakeville	Sonoma	2	Little Dixie Wash	Kern	14
Lakewood	Los Angeles	8	Little Grass Valley Reservoir	Plumas	16

City	County	CZ	City	County	CZ
Little Kern River	Tulare	16	Los Berros Canyon	San Luis Obispo	5
Little Lake	Inyo	16	Los Gatos	Santa Clara	4
Little Panoche	Fresno	13	Los Molinos	Tehama	11
Little River	Humboldt	1	Los Nietos	Los Angeles	9
Little River	Mendocino	1	Los Olivos	Santa Barbara	5
Little Rock Wash	Los Angeles	4	Los Osos	San Luis Obispo	5
Little Shasta	Siskiyou	16	Los Serranos	San Bernardino	10
Little Shasta River	Siskiyou	16	Lost Hills	Kern	13
Little Truckee River	Sierra	16	Lost River	Modoc	16
Little Valley	Lassen	16	Lostman Spring	Inyo	16
Little Walker River	Mono	16	Lotus	El Dorado	12
Littlerock	Los Angeles	14	Lower Bear River Reservoir	San Diego	16
Live Oak	Santa Cruz	3	Lower Klamath Lake	Siskiyou	16
Live Oak	Sutter	11	Lower Lake	Lake	2
Live Oak Springs	San Diego	14	Lower Lake	Modoc	16
Livermore	Alameda	12	Lowrey	Tehama	11
Livingston	Merced	12	Loyalton	Sierra	16
Llanada	San Benito	4	Lucas Vly-Marinwood	Sonoma	2
Llano	Los Angeles	14	Lucerne	Lake	2
Lockeford	San Joaquin	12	Lucerne Lake	San Bernardino	14
Lockhart	San Bernardino	14	Lucerne Valley	San Bernardino	14
Lockwood	Monterey	4	Lucia	Monterey	3
Loco	Inyo	16	Ludlow	San Bernardino	14
Lodgepole	Lassen	16	Lynwood	Los Angeles	8
Lodi	San Joaquin	12	Lyonsville	Tehama	16
Lodoga	Colusa	11	Lytle Creek	San Bernardino	16
Loert Otay Reservoir	San Diego	10	Lytton	Sonoma	2
Logandale	Glenn	11			
Loleta	Humboldt	1	M		
Loma Linda	San Bernardino	10	Macdoel	Siskiyou	16
Loma Mar	San Mateo	3	Madeline	Lassen	16
Loma Prieta	Santa Clara	4	Madeline Plains	Lassen	16
Loma Rica	Yuba	11	Madera	Madera	13
Lomita	Los Angeles	6	Madera Acres	Madera	13
Lomo	Butte	16	Madera Canal	Madera	13
Lomo	Sutter	11	Madison	Yolo	12
Lompoc	Santa Barbara	5	Magalia	Butte	11
Lone Pine	Inyo	16	Mail Ridge	Humboldt	2
Lone Tree Canyon	Kern	16	Malaga	Fresno	13
Long Barn	Tuolumne	16	Malibu	Los Angeles	6
Long Beach	Los Angeles	6/8	Mammoth	Modoc	16
Longvale	Mendocino	2	Mammoth Lakes	Mono	16
Lonoak	Monterey	4	Mammoth Pool Reservoir	Fresno	16
Lookout	Modoc	16	Mammoth Pool Reservoir	Madera	16
Lookout Junction	Modoc	16	Mammoth Wash	Imperial	15
Loomis	Placer	11	Manchester	Mendocino	1
Loon Lake Reservoir	El Dorado	16	Manhattan Beach	Los Angeles	6
Lopez Lake	San Luis Obispo	5	Manix	San Bernardino	14
Lorraine	Kern	16	Manley Peak	Inyo	16
Los Alamitos	Orange	8	Manteca	San Joaquin	12
Los Alamos	Santa Barbara	5	Manton	Tehama	16
Los Altos	Santa Clara	4	Manzanita Lake	Shasta	16
Los Altos Hills	Santa Clara	4	Maple Creek	Humboldt	1
Los Angeles	Los Angeles	8/9	Marble Canyon	Inyo	16
Los Banos	Merced	12	March A.F.B.	Riverside	10
Los Banos Reservoir	Merced	12			

City	County	CZ	City	County	CZ
Mare Island Naval Facility	Solano	3	Merced Falls	Merced	12
Margarita Peak	San Diego	10	Merced River	Merced	12
Maricopa	Kern	13	Merced River (South Fork)	Mariposa	16
Marin City	Marin	3	Meridian	Sutter	11
Marina	Monterey	3	Merle Collins Reservoir	Yuba	11
Marina del Rey	Los Angeles	9	Mesa Grande	San Diego	14
Mariposa	Mariposa	12	Mesaville	Riverside	15
Markleeville	Alpine	16	Mesquite Lake	San Bernardino	14
Markley Cove	Napa	2	Mettler	Kern	13
Marshall	Marin	3	Metz	Monterey	4
Martell	Amador	12	Meyers	El Dorado	16
Martinez	Contra Costa	12	Michigan Bluff	Placer	16
Martinez Canyon	Riverside	15	Middle Alkali Lake	Modoc	16
Marysville	Yuba	11	Middle River	San Joaquin	12
Mason Station	Lassen	16	Middle River Town	San Joaquin	12
Massack	Plumas	16	Middle Tuolumne River	Tuolumne	16
Mather	Tuolumne	16	Middle Yuba River	Nevada	16
Mather Air Force Base	Sacramento	12	Middle Yuba River	Yuba	16
Matheson	Shasta	11	Middletown	Lake	2
Matterhorn Peak	Mono	16	Midland	Riverside	15
Matterhorn Peak	Tuolumne	16	Midpines	Mariposa	16
Mattole River	Humboldt	1	Midway	Alameda	12
Mattole River (North Fork)	Humboldt	1	Midway	San Bernardino	14
Mattole River (South Fork)	Humboldt	1	Midway Well	Inyo	14
Maxwell	Colusa	11	Midwell Well	Imperial	14
May	Siskiyou	16	Milford	Lassen	16
Mayacmas Mountains	Lake	2	Mill Creek	Tehama	16
Maywood	Los Angeles	8	Mill Valley	Marin	3
McArthur	Modoc	16	Millbrae	San Mateo	3
McArthur	Shasta	16	Miller Spring	Inyo	14
McCann	Humboldt	2	Millerton Lake	Fresno	13
McClellan Air Force Base	Sacramento	12	Millerton Lake	Madera	13
McCloud	Siskiyou	16	Milligan	San Bernardino	15
McCloud River	Shasta	16	Millville	Shasta	11
McCoy Wash	Riverside	15	Milo	Tulare	13
McDonald Peak	Lassen	16	Milpitas	Santa Clara	4
McFarland	Kern	13	Milton	Calaveras	12
McGee Canyon	Mono	16	Mina	Mendocino	2
McKinleyville	Humboldt	1	Mineral	Tehama	16
McKittrick	Kern	13	Mineral King	Tulare	16
McMillan Canyon	San Luis Obispo	4	Minneola	San Bernardino	14
Meadow Lakes	Fresno	16	Mira Canyon	Los Angeles	9
Meadow Valley	Plumas	16	Mira Loma	Riverside	10
Meadow Vista	Placer	11	Miracle Hot Springs	Kern	16
Meares	Modoc	16	Miramar	San Mateo	3
Mecca	Riverside	15	Miramar Naval Air Station	San Diego	7
Meeks Bay	El Dorado	16	Miramonte	Fresno	13
Meiners Oaks	Ventura	9	Miranda	Humboldt	2
Meiss Lake	Siskiyou	16	Mission Bay	San Diego	7
Melones Reservoir	Calaveras	12	Mission Viejo	Orange	8
Melones Reservoir	Tuolumne	12	Mitchell Caverns	San Bernardino	14
Mendocino	Mendocino	1	Mi-Wuk Village	Tuolumne	12
Mendota	Fresno	13	Moccasin	Plumas	16
Menlo Park	San Mateo	3	Moccasin	Tuolumne	12
Mentone	San Bernardino	10	Modesto	Stanislaus	12
Merced	Merced	12	Modesto Reservoir	Stanislaus	12

City	County	CZ	City	County	CZ
Modjeska	Orange	8	Mount Eddy	Siskiyou	16
Moffett Field Naval Air Station	Santa Clara	4	Mount Eddy	Trinity	16
Mojave	Kern	14	Mount Eden	Alameda	3
Mojave River	San Bernardino	14	Mount Hamilton	Santa Clara	4
Mojave River Forks Reservoir	San Bernardino	14	Mount Hebron	Siskiyou	16
Mokelumne Hill	Calaveras	12	Mount Hermon	Santa Clara	3
Mokelumne River	San Joaquin	12	Mount Hoffman	Siskiyou	16
Monmouth	Fresno	13	Mount Konocti	Lake	2
Mono Hot Springs	Fresno	16	Mount Laguna	San Diego	14
Mono Lake	Mono	16	Mount Lassic	Humboldt	2
Monolith	Kern	16	Mount Lyell	Madera	16
Monrovia	Los Angeles	9	Mount Lyell	Mono	16
Monson	Tulare	13	Mount Morgan	Inyo	16
Monta Vista	Santa Clara	4	Mount Patterson	Mono	16
Montague	Siskiyou	16	Mount Pinchot	Fresno	16
Montalvo	Ventura	6	Mount Pinos	Ventura	16
Montara	San Mateo	3	Mount Saint Helena	Napa	2
Montclair	San Bernardino	10	Mount Saint Helena	Sonoma	2
Monte Nido	Los Angeles	6	Mount San Antonio	Los Angeles	16
Monte Rio	Sonoma	2	Mount San Antonio	San Bernardino	16
Monte Sereno	Santa Clara	4	Mount San Jacinto	Riverside	16
Montebello	Los Angeles	9	Mount Shasta	Siskiyou	16
Montecito	Santa Barbara	6	Mount Signal	Imperial	15
Monterey	Monterey	3	Mount Vida	Modoc	16
Monterey Bay	Monterey	3	Mount Whitney	Inyo	16
Monterey Bay	Santa Cruz	3	Mount Whitney	Tulare	16
Monterey Park	Los Angeles	9	Mount Wilson	Los Angeles	16
Montezuma	Solano	12	Mountain Gate	Shasta	11
Montezuma Slough	Solano	12	Mountain Meadows Reservoir	Lassen	16
Montgomery Creek	Shasta	16	Mountain Pass	San Bernardino	14
Monticello Dam	Solano	2	Mountain Ranch	Calaveras	12
Montpelier	Stanislaus	12	Mountain Spring	Imperial	15
Montrose	Los Angeles	9	Mountain View	Santa Clara	4
Monument Peak	San Diego	14	Mugginsville	Siskiyou	16
Moon Lake	Lassen	16	Murphys	Calaveras	12
Moorpark	Ventura	9	Murrieta	Riverside	10
Morada	San Joaquin	12	Muscoy	San Bernardino	10
Moraga	Contra Costa	12	Myers Flat	Humboldt	2
Morales Canyon	San Luis Obispo	4			
Morena Village	San Diego	14	N		
Moreno Valley	Riverside	10			
Morgan Hill	Santa Clara	4	Nacimiento Reservoir	San Luis Obispo	4
Mormon Bar	Mariposa	12	Nacimiento River	San Luis Obispo	4
Mormon Slough	San Joaquin	12	Napa	Napa	2
Morongo Valley	San Bernardino	14	Napa Junction	Napa	2
Morrison Slough	Sutter	11	Naples	Santa Barbara	6
Morro Bay	San Luis Obispo	5	Nashmead	Mendocino	2
Moss Beach	San Mateo	3	National City	San Diego	7
Moss Landing	Monterey	3	Navarro	Mendocino	2
Mount Baldy	San Bernardino	16	Navelencia	Fresno	13
Mount Bullion	Mariposa	12	Needles	San Bernardino	15
Mount Carmel	Monterey	4	Nelson	Butte	11
Mount Center	Riverside	16	Neuralia	Kern	14
Mount Darwin	Fresno	16	Nevada City	Nevada	11
Mount Darwin	Inyo	16	New Almaden	Santa Clara	4
Mount Diablo	Contra Costa	12	New Auberry	Fresno	13

City	County	CZ	City	County	CZ
New Bullards Bar Reservoir	Yuba	16	Oak Run	Shasta	11
New Cuyama	Santa Barbara	4	Oak View	Ventura	9
New Don Pedro Reservoir	Tuolumne	12	Oakdale	Stanislaus	12
New Exchequer Dam	Mariposa	12	Oakhurst	Madera	13
New Hogan Reservoir	Calaveras	12	Oakland AP	Alameda	3
New London	Tulare	13	Oakley	Contra Costa	12
New River	Trinity	16	Oakville	Napa	2
Newark	Alameda	3	Oasis	Mono	16
Newberry Springs	San Bernardino	14	Oasis	Riverside	15
Newbury Park	Ventura	9	Obie	Shasta	16
Newcastle	Placer	11	O'Brien	Shasta	16
Newell	Modoc	16	Observation Peak	Lassen	16
Newhall	Los Angeles	9	Occidental	Sonoma	2
Newman	Stanislaus	12	Ocean Beach	San Diego	7
Newport Bay	Orange	6	Ocean View	Sonoma	1
Newport Beach	Orange	6	Oceano	San Luis Obispo	5
Newville	Glenn	11	Oceanside	San Diego	7
Nicasio	Marin	2	Ocotillo	Imperial	15
Nice	Lake	2	Ocotillo Wells	San Diego	15
Nicholls Warm Springs	Riverside	15	Ogilby	Imperial	15
Nicolaus	Sutter	11	Oildale	Kern	13
Nightingale	Riverside	16	Oilfields	Fresno	13
Niland	Imperial	15	Ojai	Ventura	9
Nimbus	Sacramento	12	Olancha	Inyo	16
Nipomo	San Luis Obispo	5	Olancha Peak	Inyo	16
Nipton	San Bernardino	14	Olancha Peak	Tulare	16
Nopah Range	Inyo	14	Old Dale	San Bernardino	14
Norco	Riverside	10	Old River	Contra Costa	12
Nord	Butte	11	Old River	Kern	13
Norden	Nevada	16	Old River	San Joaquin	12
North Auburn	Placer	11	Old Station	Shasta	16
North Bloomfield	Nevada	16	Olema	Marin	3
North Columbia	Nevada	11	Olinda	Shasta	11
North Edwards	Kern	14	Olivehurst	Yuba	11
North Fork	Madera	16	Omo Ranch	El Dorado	16
North Highlands	Sacramento	12	O'Neals	Madera	13
North Hollywood	Los Angeles	9	O'Neill Forebay	Merced	12
North Palm Springs	Riverside	15	Ono	Shasta	11
North Sacramento	Sacramento	12	Ontario	San Bernardino	10
North San Juan	Nevada	11	Onyx	Kern	16
North Yolla Bolly Mountains	Tehama	16	Opal Cliffs	Santa Cruz	3
North Yuba River	Yuba	16	Orange	Orange	8
Northridge	Los Angeles	9	Orange Cove	Fresno	13
Northspur	Mendocino	2	Orangevale	Sacramento	12
Norton AFB	San Bernardino	10	Orchard Peak	Kern	13
Norvell	Lassen	16	Orcutt	Santa Barbara	5
Norwalk	Los Angeles	8	Ord Mountain	San Bernardino	14
Notleys Landing	Monterey	3	Ordbend	Glenn	11
Novato	Marin	2	Oregon House	Yuba	11
Nubieber	Lassen	16	Oregon Peak	Yuba	16
Nuevo	Riverside	10	Orestimba Peak	Stanislaus	12
O			Orick	Humboldt	1
Oak Grove	San Diego	14	Orinda	Contra Costa	12
Oak Ridge	Ventura	9	Orita	Imperial	15
			Orland	Glenn	11
			Orleans	Humboldt	2

City	County	CZ	City	County	CZ
Oro Fino	Siskiyou	16	Panamint Valley	Inyo	14
Oro Grande	San Bernardino	14	Panoche	San Benito	4
Oro Grande Wash	San Bernardino	14	Panorama City	Los Angeles	9
Oro Loma	Fresno	13	Paradise	Butte	11
Orosi	Tulare	13	Paraiso Springs	Monterey	4
Oroville	Butte	11	Paramount	Los Angeles	8
Oroville East	Butte	11	Pardee Reservoir	Amador	12
Otay	San Diego	7	Pardee Reservoir	Calaveras	12
Outingdale	El Dorado	12	Parker Dam	San Bernardino	15
Owens Lake	Inyo	16	Parkfield	Monterey	4
Owens River	Inyo	16	Parkway-South Sacramento	Sacramento	12
Owens Valley	Inyo	16	Parlier	Fresno	13
Owenyo	Inyo	16	Pasadena	Los Angeles	9
Owishead Mountains	Inyo	14	Paskenta	Tehama	11
Owishead Mountains	San Bernardino	14	Paso Robles AP	San Luis Obispo	4
Oxalis	Fresno	13	Patrick Creek	Del Norte	16
Oxford	Solano	12	Patricks Point	Humboldt	1
Oxnard	Ventura	6	Patterson	Stanislaus	12
Oxnard Beach	Ventura	6	Paulsell	Stanislaus	12
			Pauma Valley	San Diego	10
			Paxton	Plumas	16
P			Paynes Creek	Tehama	11
Pacheco	Contra Costa	12	Peanut	Trinity	16
Pacheco Pass	Santa Clara	4	Pearblossom	Los Angeles	14
Pacific	El Dorado	16	Pearland	Los Angeles	14
Pacific Beach	San Diego	7	Pebble Beach	Monterey	3
Pacific Grove	Monterey	3	Pedley	Riverside	10
Pacific Palisades	Los Angeles	6	Pendleton M.C.B.	San Diego	7
Pacifica	San Mateo	3	Penn Valley	Nevada	11
Pacoima	Los Angeles	16	Penngrove	Sonoma	2
Pacoima Canyon	Los Angeles	16	Pennington	Sutter	11
Pahrump Valley	Inyo	14	Penryn	Placer	11
Paicines	San Benito	4	Pentz	Butte	11
Paiute Canyon	Inyo	16	Pepperwood	Humboldt	1
Pala	San Diego	10	Perez	Modoc	16
Palen Lake	Riverside	15	Perris	Riverside	10
Palen Mountains	Riverside	15	Pescadero	San Mateo	3
Palermo	Butte	11	Petaluma	Sonoma	2
Palm Canyon	Riverside	15	Petaluma River	Marin	2
Palm City	San Diego	7	Petaluma River	Sonoma	2
Palm Desert	Riverside	15	Peters	San Joaquin	12
Palm Desert Country	Riverside	15	Petrolia	Humboldt	1
Palm Springs	Riverside	15	Phelan	San Bernardino	14
Palm Wash	Imperial	15	Phillipsville	Humboldt	2
Palm Wells	San Bernardino	14	Philo	Mendocino	2
Palmdale AP	Los Angeles	14	Picacho	Imperial	15
Palo Alto	Santa Clara	4	Picacho Wash	Imperial	15
Palo Cedro	Shasta	11	Pico Rivera	Los Angeles	9
Palo Verde	Imperial	15	Piedmont	Alameda	3
Palo Verde Valley	Riverside	15	Piedra PO	Fresno	13
Paloma	Calaveras	12	Pierce	Siskiyou	16
Palomar Mountain	San Diego	14	Piercy	Mendocino	2
Palos Verdes Estates	Los Angeles	6	Pieta	Mendocino	2
Panamint	Inyo	16	Pigeon Point	San Mateo	3
Panamint Range	Inyo	16	Pillar Point	San Mateo	3
Panamint Springs	Inyo	14	Pilot Hill	El Dorado	12

City	County	CZ	City	County	CZ
Pilot Peak	Mariposa	16	Point Buchon	San Luis Obispo	5
Pilot Peak	Nevada	11	Point Conception	Santa Barbara	6
Pilot Peak	Plumas	16	Point Delgada	Humboldt	1
Pilot Peak	Tuolumne	16	Point Dume	Los Angeles	6
Pine Canyon	Fresno	13	Point Fermin	Los Angeles	6
Pine Canyon	Monterey	4	Point La Jolla	San Diego	7
Pine Canyon	San Luis Obispo	4	Point Lobos	Monterey	3
Pine Canyon	Santa Barbara	5	Point Loma	San Diego	7
Pine Flat	Tulare	16	Point Mugu	Ventura	6
Pine Grove	Amador	12	Point Mugu Naval Missile Center	Ventura	6
Pine Mountain	San Luis Obispo	4	Point Piedras Blancas	San Luis Obispo	5
Pine Mountain	Ventura	16	Point Pleasant	Sacramento	12
Pine Ridge	Fresno	16	Point Reyes	Marin	3
Pine Valley	San Diego	14	Point Reyes Station	Marin	3
Pinecrest	Tuolumne	16	Point Saint George	Del Norte	1
Pinedale	Fresno	13	Point Sal	Santa Barbara	5
Pinehurst	Fresno	16	Point Sur	Monterey	3
Pinkham Wash	Riverside	15	Pollock Pines	El Dorado	16
Pinnacles NM	San Bernardino	14	Pomona	Los Angeles	9
Pinole	Contra Costa	3	Pond	Kern	13
Pinon Hills	San Bernardino	14	Pondosa	Siskiyou	16
Pinto Mountains	Riverside	14	Pope Valley	Napa	2
Pinto Wash	Imperial	15	Poplar	Tulare	13
Pinto Wash	Riverside	14	Porcupine Wash	Riverside	14
Pioneer	Amador	16	Port Chicago	Contra Costa	12
Pioneer Point	San Bernardino	14	Port Hueneme	Ventura	6
Pioneertown	San Bernardino	14	Porterville	Tulare	13
Pipes Wash	San Bernardino	14	Portola	Plumas	16
Piru	Ventura	9	Portola Valley	San Mateo	3
Pismo Beach	San Luis Obispo	5	Posey	Tulare	13
Pit River (North Fork)	Modoc	16	Posts	Monterey	3
Pit River (South Fork)	Modoc	16	Potrero	San Diego	14
Pit River (town)	Lassen	16	Potter Valley	Mendocino	2
Pittsburg	Contra Costa	12	Poway Valley	San Diego	10
Pittville	Shasta	16	Powell Canyon	Monterey	4
Piute Valley	San Bernardino	14	Pozo	San Luis Obispo	4
Piute Wash	San Bernardino	14	Prado Flood Control Basin	Riverside	10
Pixley	Tulare	13	Prado Flood Control Basin	San Bernardino	10
Placencia	Orange	8	Prather	Fresno	13
Placerville	El Dorado	12	Presidio of San Francisco	San Francisco	3
Plainsburg	Merced	12	Preston Peak	Siskiyou	16
Plainview	Tulare	13	Priest Valley	Monterey	4
Planada	Merced	12	Princeton	Colusa	11
Plantation	Sonoma	1	Proberta	Tehama	11
Plasse	Amador	16	Project City	Shasta	11
Plaster City	Imperial	15	Providence Mountains	San Bernardino	14
Platina	Shasta	11	Prunedale	Monterey	3
Pleasant Grove	Inyo	16	Pulga	Butte	16
Pleasant Hill	Contra Costa	12	Purdy	Sierra	16
Pleasant Hill	Sutter	11	Purisma Hills	Santa Barbara	5
Pleasanton	Alameda	12	Putah South Canal	Solano	12
Plumas	Lassen	16	Pyramid Lake	Los Angeles	16
Plymouth	Amador	12			
Point Arena	Mendocino	1	Q		
Point Arguello	Santa Barbara	5	Quail Valley	Riverside	10
Point Bonita	Marin	3			

City	County	CZ	City	County	CZ
Quartz Hill	Los Angeles	14	Richardson Springs	Butte	11
Quartz Peak	Imperial	15	Richfield	Tehama	11
Quatal Canyon	Ventura	16	Richgrove	Tulare	13
Quedow Mountain	Tulare	13	Richmond	Contra Costa	3
Quincy	Plumas	16	Richvale	Butte	11
R			Ridge	Mendocino	2
Racherby	Yuba	11	Ridgecrest	Kern	14
Rag Gulch	Kern	13	Riggs Wash	San Bernardino	14
Rail Road Flat	Calaveras	12	Rio Del Mar	Santa Cruz	3
Railroad Canyon Reservoir	Riverside	10	Rio Dell	Humboldt	1
Rainbow	San Diego	10	Rio Linda	Sacramento	12
Raisin City	Fresno	13	Rio Nido	Sonoma	2
Raker & Thomas Reservoir	Modoc	16	Rio Oso	Sutter	11
Ramona	San Diego	10	Rio Vista	Solano	12
Ranch	Mendocino	1	Ripley	Riverside	15
Ranchita	San Diego	14	Ripon	San Joaquin	12
Rancho Bernardo	San Diego	10	Ripperdan	Madera	13
Rancho Cordova	Sacramento	12	River Pines	Amador	12
Rancho Cucamonga	San Bernardino	10	River Springs Lakes	Mono	16
Rancho Mirage	Riverside	15	Riverbank	Stanislaus	12
Rancho Palos Verdes	Los Angeles	6	Riverbank Army Depot	Stanislaus	12
Rancho San Diego	San Diego	10	Riverdale	Fresno	13
Rancho Santa Fe	San Diego	7	Riverside	Riverside	10
Rancho Santa Margarita	Orange	8	Roaring River	Fresno	16
Randsburg	Kern	14	Robbins	Sutter	11
Ravendale	Lassen	16	Robla	Sacramento	12
Raymond	Madera	13	Rocklin	Placer	11
Red Bank	Tehama	11	Rockport	Mendocino	1
Red Bluff	Tehama	11	Rockville	Solano	12
Red Mountain	Del Norte	16	Rodeo	Contra Costa	3
Red Mountain	San Bernardino	14	Rogers Lake	Kern	14
Red Top	Madera	13	Rohnert Park	Sonoma	2
Red Wall Canyon	Inyo	16	Rohnerville	Humboldt	1
Redcrest	Humboldt	1	Rolinda	Fresno	13
Redding	Shasta	11	Rolling Hills	Los Angeles	6
Redlands	San Bernardino	10	Rolling Hills Estates	Los Angeles	6
Redman	Los Angeles	14	Romoland	Riverside	10
Redondo Beach	Los Angeles	6	Rosamond	Kern	14
Redway	Humboldt	2	Rosamond Lake	Kern	14
Redwood City	San Mateo	3	Rosamond Lake	Los Angeles	14
Redwood Estates	Santa Clara	4	Roseland	Sonoma	2
Redwood Valley	Mendocino	2	Rosemead	Los Angeles	9
Reedley	Fresno	13	Rosemont	Sacramento	12
Reliz Canyon	Monterey	4	Roseville	Placer	11
Renegade Canyon	Inyo	16	Rosewood	Tehama	11
Requa	Del Norte	1	Ross	Marin	2
Rescue	El Dorado	12	Rossmoor	Orange	8
Reseda	Los Angeles	9	Rough and Ready	Nevada	11
Reynolds	Mendocino	2	Round Mountain	Shasta	16
Rhodes Wash	Inyo	14	Rovana	Inyo	16
Rialto	San Bernardino	10	Rowland Heights	Los Angeles	9
Rice	San Bernardino	15	Rubicon River	El Dorado	16
Rice Valley	Riverside	15	Rubicon River	Placer	16
Richardson Grove	Humboldt	2	Rubidoux	Riverside	10
			Rumsey	Yolo	12
			Running Springs	San Bernardino	16

City	County	CZ	City	County	CZ
Russian Peak	Siskiyou	16	San Carlos	San Mateo	3
Ruth	Trinity	16	San Clemente	Orange	6
Rutherford	Napa	2	San Clemente Island	Los Angeles	6
Ryan	Inyo	14	San Diego	San Diego	7/10
Ryde	Sacramento	12	San Diego Bay	San Diego	7
			San Diego Naval Hospital	San Diego	7
			San Diego Naval Station	San Diego	7
S			San Dimas	Los Angeles	9
Sacramento AP	Sacramento	12	San Felipe	San Diego	14
Sacramento Army Depot	Sacramento	12	San Felipe	Santa Clara	4
Saddle Mountain	El Dorado	16	San Fernando	Los Angeles	9
Sage	Riverside	10	San Fernando Valley	Los Angeles	9
Sage Hen	Lassen	16	San Francisco	San Francisco	3
Saint Bernard	Tehama	16	San Francisco Bay	San Francisco	3
Saint Helena	Napa	2	San Gabriel	Los Angeles	9
Saint Johns River	Tulare	13	San Gabriel Mountains	Los Angeles	16
Saint Mary's College	Contra Costa	12	San Gabriel River (West Fork)	Los Angeles	16
Salida	Stanislaus	12	San Geronio Mountain	San Bernardino	16
Salinas	Monterey	3	San Geronio Pass	Riverside	15
Saline Valley	Inyo	16	San Geronio River	Riverside	15
Salmon Mountain	Humboldt	16	San Gregorio	San Mateo	3
Salmon Mountain	Siskiyou	16	San Jacinto	Riverside	10
Salmon River	Siskiyou	16	San Jacinto Mountains	Riverside	15
Salmon River (East Fork)	Siskiyou	16	San Jacinto River	Riverside	10
Salmon River (North Fork)	Siskiyou	16	San Joaquin	Fresno	13
Salmon River (South Fork)	Siskiyou	16	San Joaquin River (East Fork)	Madera	16
Salt Lake	Inyo	16	San Joaquin River (Middle Fork)	Madera	16
Salt River	Humboldt	1	San Joaquin River (North Fork)	Madera	16
Salt Springs Reservoir	Amador	16	San Joaquin River (South Fork)	Madera	16
Salt Springs Reservoir	Calaveras	16	San Joaquin River (West Fork)	Madera	16
Salt Springs Valley Reservoir	Calaveras	12	San Jose	Santa Clara	4
Saltdale	Kern	14	San Juan Bautista	San Benito	4
Saltmarsh	San Bernardino	15	San Juan Capistrano	Orange	6
Salton City	Imperial	15	San Leandro	Alameda	3
Salton Sea	Imperial	15	San Lorenzo	Alameda	3
Salton Sea	Riverside	15	San Lorenzo River	Santa Cruz	3
Saltus	San Bernardino	15	San Lucas	Monterey	4
Salyer	Trinity	16	San Luis Holding Reservoir	Merced	12
Samoa	Humboldt	1	San Luis Obispo	San Luis Obispo	5
San Andreas	Calaveras	12	San Luis Obispo Bay	San Luis Obispo	5
San Andreas Lake	San Mateo	3	San Luis Rey	San Diego	7
San Anselmo	Marin	2	San Luis Rey River (West Fork)	San Diego	14
San Antonio Canyon	Los Angeles	16	San Marcos	San Diego	10
San Antonio Mission	Monterey	4	San Marino	Los Angeles	9
San Antonio Reservoir	Alameda	12	San Martin	Santa Clara	4
San Antonio Reservoir	Monterey	4	San Mateo	San Mateo	3
San Antonio River	Monterey	4	San Mateo Canyon	San Diego	10
San Antonio River (North Fork)	Monterey	4	San Miguel	San Luis Obispo	4
San Ardo	Monterey	4	San Miguel Island	Santa Barbara	6
San Benito	San Benito	4	San Nicholas Island	Ventura	6
San Benito Mountain	San Benito	4	San Onofre	San Diego	7
San Benito River	San Benito	4	San Onofre Canyon	San Diego	10
San Bernardino	San Bernardino	10	San Pablo	Contra Costa	3
San Bernardino Mountains	San Bernardino	16	San Pasqual	San Diego	10
San Bruno	San Mateo	3	San Pedro	Los Angeles	6
San Buenaventura	Ventura	6	San Pedro Bay	Los Angeles	6

City	County	CZ	City	County	CZ
San Quentin	Marin	2	Sattley	Sierra	16
San Rafael	Marin	2	Saugus	Los Angeles	6
San Rafael Mountain	Santa Barbara	5	Sausalito	Marin	3
San Ramon	Contra Costa	12	Sawtooth Peak	Inyo	16
San Simeon	San Luis Obispo	5	Sawyers Bar	Siskiyou	16
San Timoteo Canyon	Riverside	10	Scarface	Modoc	16
San Vicente Reservoir	San Diego	10	Scheelite	Inyo	16
San Ysidro	San Diego	7	Schellville	Sonoma	2
San Ysidro Mountains	San Diego	10	Scotia	Humboldt	1
Sand City	Monterey	3	Scott Bar	Siskiyou	16
Sand Hills	Imperial	15	Scott Bar Mountains	Siskiyou	16
Sandberg	Los Angeles	16	Scott Mountains	Trinity	16
Sandia	Imperial	15	Scott River	Siskiyou	16
Sands	San Bernardino	14	Scott River (East Fork)	Siskiyou	16
Sanel Mountain	Mendocino	2	Scotts	Lassen	16
Sanger	Fresno	13	Scotts Valley	Santa Cruz	3
Sanitarium	Napa	2	Scottys Castle	Inyo	16
Santa Ana	Orange	8	Sea Cliff	Ventura	6
Santa Barbara	Santa Barbara	6	Seal Beach	Orange	6
Santa Barbara Island	Santa Barbara	6	Searles	Kern	14
Santa Catalina Island	Los Angeles	6	Searles Lake	San Bernardino	14
Santa Clara	Santa Clara	4	Seaside	Monterey	3
Santa Clara River	Ventura	6/9	Sebastopol	Sonoma	2
Santa Clara Valley	Santa Clara	4	Seeley	Imperial	15
Santa Clarita	Los Angeles	9	Seiad Valley	Siskiyou	16
Santa Cruz	Santa Cruz	3	Selma	Fresno	13
Santa Cruz Island	Santa Barbara	6	Senator Wash	Imperial	15
Santa Cruz Mountains	Santa Cruz	3	Seneca	Plumas	16
Santa Fe Springs	Los Angeles	9	Sepulveda	Los Angeles	9
Santa Margarita	San Luis Obispo	4	Sepulveda Dam	Los Angeles	9
Santa Margarita Lake	San Luis Obispo	4	Sequoia	Humboldt	2
Santa Maria	Santa Barbara	5	Sespe	Ventura	9
Santa Maria River	San Luis Obispo	5	Seven Oaks	San Bernardino	16
Santa Maria River	Santa Barbara	5	Shadow Valley	San Bernardino	14
Santa Maria Valley	Santa Barbara	5	Shafter	Kern	13
Santa Monica	Los Angeles	6	Shandon	San Luis Obispo	4
Santa Monica Bay	Los Angeles	6	Sharpe Army Depot	San Joaquin	12
Santa Monica Mountains	Los Angeles	6	Shasta	Shasta	11
Santa Paula	Ventura	9	Shasta Bally	Shasta	11
Santa Rita Park	Merced	12	Shasta Lake	Shasta	16
Santa Rosa	Sonoma	2	Shasta River	Siskiyou	16
Santa Rosa Islands	Santa Barbara	6	Shasta Springs	Siskiyou	16
Santa Rosa Mountains	Riverside	15	Shasta Valley	Siskiyou	16
Santa Susana	Ventura	9	Shaver Lake	Fresno	16
Santa Venetia	Marin	2	Shedd Canyon	San Luis Obispo	4
Santa Ynez	Santa Barbara	5	Sheep Canyon	Inyo	14
Santa Ynez Mountains	Santa Barbara	5	Sheep Mountain	Siskiyou	16
Santa Ynez River	Santa Barbara	5	Sheep Ranch	Calaveras	12
Santa Ysabel	San Diego	14	Sheldon	Sacramento	12
Santee	San Diego	10	Shelter Cove	Humboldt	1
Santiago Reservoir	Orange	8	Sheridan	Placer	11
Saratoga	Santa Clara	4	Sherman Oaks	Los Angeles	9
Sardine Peak	Sierra	16	Sherman Peak	Tulare	16
Sargent	Santa Clara	4	Shingle Springs	El Dorado	12
Sargent Canyon	Monterey	4	Shingletown	Shasta	16
Saticoy	Ventura	6	Shively	Humboldt	1

City	County	CZ	City	County	CZ
Shoshone	Inyo	14	Sonoma Mountain	Sonoma	2
Sidewinder Mountain	San Bernardino	14	Sonora	Tuolumne	12
Sierra Army Depot	Lassen	16	Sonora Pass	Mono	16
Sierra Buttes	Sierra	16	Sonora Pass	Tuolumne	16
Sierra City	Sierra	16	Soquel	Santa Cruz	3
Sierra Madre	Los Angeles	9	Soulsbyville	Tuolumne	12
Sierra Nevada	Madera	16	Sourdough Spring	Inyo	16
Sierra Valley	Plumas	16	South Dos Palos	Merced	12
Sierra Valley	Sierra	16	South El Monte	Los Angeles	9
Sierraville	Sierra	16	South Entry Yosemite	Tuolumne	16
Signal Hill	Los Angeles	6	South Fork	Humboldt	1
Silver City	Tulare	16	South Gate	Los Angeles	8
Silver Creek	Fresno	13	South Laguna	Orange	6
Silver Lake	Amador	16	South Lake Tahoe	El Dorado	16
Silver Lake	San Bernardino	14	South Oroville	Butte	11
Silverado	Orange	8	South Pasadena	Los Angeles	9
Silverwood Lake	San Bernardino	16	South San Francisco	San Mateo	3
Simi Valley	Ventura	9	South San Gabriel	Los Angeles	9
Simmler	San Luis Obispo	4	South Turlock	Stanislaus	12
Siskiyou Mountains	Del Norte	16	South Whittier	Los Angeles	9
Siskiyou Mountains	Siskiyou	16	South Yolla Bolly Mountains	Tehama	16
Sisquoc	Santa Barbara	5	South Yuba City	Sutter	11
Sisquoc River	Santa Barbara	5	Spangler	San Bernardino	14
Sites	Colusa	11	Spanish Mountain	Fresno	16
Skaggs Springs	Sonoma	2	Spanish Spring	Inyo	16
Skedaddle Mountains	Lassen	16	Spence	Monterey	3
Skidoo	Inyo	16	Spreckels	Monterey	3
Slate Range	Inyo	14	Spring Garden	Plumas	16
Slate Range	San Bernardino	14	Spring Valley	San Diego	10
Sleepy Valley	Los Angeles	9	Springville	Tulare	13
Sloat	Plumas	16	Spyrock	Mendocino	2
Sloughhouse	Sacramento	12	Squaw Valley	Fresno	13
Smartville	Yuba	11	Squaw Valley (Olympic Valley)	Placer	16
Smith River	Del Norte	1	Squirrel Inn	San Bernardino	14
Smith River (Middle Fork)	Del Norte	16	Stacy	Lassen	16
Smith River (North Fork)	Del Norte	16	Stampede Reservoir	Sierra	16
Smith River (South Fork)	Del Norte	16	Standard	Tuolumne	12
Smithflat	El Dorado	12	Standish	Lassen	16
Smoke Tree Wash	Riverside	14	Stanford	Santa Clara	4
Snake River	Sutter	11	Stanislaus	Calaveras	16
Snelling	Merced	12	Stanislaus River (Middle Fork)	Tuolumne	16
Snowden	Siskiyou	16	Stanton	Orange	8
Soda Lake	San Bernardino	14	Stent	Tuolumne	12
Soda Lake	San Luis Obispo	4	Stevens	Kern	13
Soda Mountains	San Bernardino	14	Stevinson	Merced	12
Soda Springs	Nevada	16	Stewarts Point	Sonoma	1
Soda Springs	Sonoma	1	Stinson Beach	Marin	3
Solana Beach	San Diego	7	Stirling City	Butte	16
Soledad	Monterey	3	Stockton	San Joaquin	12
Solemint	Los Angeles	9	Stony Gorge Reservoir	Glenn	11
Solromar	Ventura	6	Stonyford	Colusa	11
Solvang	Santa Barbara	5	Storrie	Plumas	16
Somerset	El Dorado	12	Stovepipe Wells	Inyo	14
Somes Bar	Siskiyou	16	Stratford	Kings	13
Somis	Ventura	6	Strathmore	Tulare	13
Sonoma	Sonoma	2	Strawberry	Tuolumne	16

City	County	CZ	City	County	CZ
Strawberry Valley	Yuba	16	Teakettle Junction	Inyo	16
Studio City	Los Angeles	9	Tecate	San Diego	14
Suisun Bay	Contra Costa	12	Tecnor	Siskiyou	16
Suisun Bay	Solano	12	Tecopa	Inyo	14
Suisun City	Solano	12	Tehachapi	Kem	16
Sulphur Springs	Ventura	9	Tehachapi Mountains	Kem	16
Sultana	Tulare	13	Tehachapi Pass	Kem	16
Summerland	Santa Barbara	6	Tehama	Tehama	11
Summit City	Shasta	11	Tejon Pass	Los Angeles	16
Sun City	Riverside	10	Tejon Rancho	Los Angeles	16
Sun Valley	Los Angeles	9	Telescope Peak	Inyo	16
Suncrest	San Diego	10	Temecula	Riverside	10
Sunland	Los Angeles	9	Temescal Wash	Riverside	10
Sunnymead	Riverside	10	Temple City	Los Angeles	9
Sunnyvale	Santa Clara	4	Templeton	San Luis Obispo	4
Sunnyvale Air Force Station	Santa Clara	4	Tennant	Siskiyou	16
Sunol	Alameda	12	Tepusquet Canyon	Santa Barbara	5
Sunset Beach	Orange	6	Tequspuet Peak	Santa Barbara	5
Superior Lake	San Bernardino	14	Terminus	San Joaquin	12
Superstition Mountain	Imperial	15	Terminus Dam	Tulare	13
Surf	Santa Barbara	5	Termo	Lassen	16
Surfside	Orange	6	Terra Bella	Tulare	13
Surprise Valley	Modoc	16	Thermal	Riverside	15
Susan River	Lassen	16	Thermalito	Butte	11
Susanville	Lassen	16	Thermalito Afterbay	Butte	11
Sutter	Sutter	11	Thermalito Forebay	Butte	11
Sutter Buttes	Sutter	11	Thomas A. Edison Lake	Fresno	16
Sutter Bypass	Sutter	11	Thomas Mountain	Riverside	16
Sutter Creek	Amador	12	Thompson Canyon	Monterey	4
Svedal	Santa Clara	4	Thornton	San Joaquin	12
Swanton	Santa Cruz	3	Thousand Oaks	Ventura	9
Sweetwater Reservoir	San Diego	10	Thousand Palms	Riverside	15
Sycamore	Colusa	11	Three Points	Los Angeles	14
Sylmar	Los Angeles	9	Three Rivers	Tulare	13
			Three Rocks	Fresno	13
T			Tiburon	Marin	3
Taft	Kem	13	Tiefert Mountains	San Bernardino	14
Taft Heights	Kem	13	Tierra del Sol	San Diego	14
Tagus	Tulare	13	Tiger Creek Power House	Amador	12
Tahoe City	Placer	16	Tiger Creek Power House	Butte	11
Tahoe Pines	Placer	16	Tijuana River	San Diego	7
Tahoe Vista	Placer	16	Tinemaha Reservoir	Inyo	16
Tahoma	Placer	16	Tioga Pass	Mono	16
Tajiguas	Santa Barbara	6	Tioga Pass	Tuolumne	16
Talmage	Mendocino	2	Tionesta	Modoc	16
Tamalpais-Homestead Valley	Marin	3	Tipton	Tulare	13
Tambo	Yuba	11	Titus Canyon	Inyo	16
Tarzana	Los Angeles	6	Tobias Peak	Tulare	16
Tassajara	Contra Costa	2	Tollhouse	Fresno	13
Tassajara Hot Springs	Monterey	4	Tomales	Marin	3
Tatu	Mendocino	2	Tomales Bay	Marin	3
Taylor Canyon	San Luis Obispo	4	Toms Place	Mono	16
Taylor Peak	Humboldt	1	Topanga	Los Angeles	6
Taylorville	Plumas	16	Topanga Beach	Los Angeles	6
Teagle Wash	San Bernardino	14	Topanga Canyon	Los Angeles	6
			Topaz	Mono	16

City	County	CZ	City	County	CZ
Topaz Lake	Mono	16	Twin Cities	Sacramento	12
Torrance	Los Angeles	6	Twin Lakes	Mono	16
Trabuco Canyon	Orange	8	Twin Lakes	Santa Cruz	3
Tracy Carbona	San Joaquin	12	Twitchell Reservoir	Santa Barbara	5
Tranquillity	Fresno	13	Two Rock	Sonoma	2
Traver	Tulare	13			
Travis A. F.B.	Solano	12	U		
Treasure Island Naval Station	San Francisco	3	U.S. Navy Training Center	San Diego	7
Tremont	Solano	12	U.S.M.C. Air Station, El Toro	Orange	8
Tres Pinos	San Benito	4	U.S.M.C. Recruit Depot,	San Diego	7
Trigo	Madera	13	U.S.N. Air Field, El Centro	Imperial	15
Trimmer	Fresno	16	U.S.N. Air Station, Alameda	Alameda	3
Trinidad	Humboldt	1	U.S.N. Air Station, Imperial	San Diego	7
Trinidad Head	Humboldt	1	U.S.N. Air Station, Lemoore	Kings	13
Trinity Alps	Trinity	16	U.S.N. Air Station, Los Alamitos	Orange	8
Trinity Center	Trinity	16	U.S.N. Air Station, North Island	San Diego	7
Trinity Dam	Trinity	16	U.S.N. Communication Station	San Joaquin	12
Trinity Mountains	Shasta	16	U.S.N. Construction Battalion	Ventura	6
Trinity Mountains	Trinity	16	U.S.N. Facility, Point Sur	Monterey	3
Trinity River (East Fork)	Trinity	16	U.S.N. Facility, San Bruno	San Mateo	3
Trona	San Bernardino	14	U.S.N. Facility, San Clement Is.	Los Angeles	6
Trowbridge	Sutter	11	U.S.N. Facility, San Nicolas Is.	Ventura	6
Troy	Placer	16	U.S.N. Facility, Sunnysvale	Santa Clara	4
Truckee	Nevada	16	U.S.N. Facility, Vallejo	Solano	3
Truckee River	Nevada	16	U.S.N. Reservation, Point Loma	San Diego	7
Tucker Canyon	San Luis Obispo	4	U.S.N. Shipyard, Long Beach	Los Angeles	6
Tudor	Sutter	11	U.S.N. Supply Center, Oakland	Alameda	3
Tujunga	Los Angeles	9	U.S.N. Weapons Station, Conc.	Contra Costa	12
Tulare	Tulare	13	U.S.N. Weapons Station, Seal	Orange	6
Tulare Lake Bed	Kings	13	UCLA	Los Angeles	9
Tule Canal	Yolo	12	Ukiah	Mendocino	2
Tule Lake Sump	Siskiyou	16	Union City	Alameda	3
Tule Mountain	Lassen	16	Union Valley Reservoir	El Dorado	16
Tule River	Kings	13	Unnamed Wash	Imperial	15
Tule Wash	Imperial	15	Upland	San Bernardino	10
Tulelake	Siskiyou	16	Upper Lake	Lake	2
Tuolumne	Tuolumne	12	Upper Lake	Modoc	16
Tuolumne Meadows	Tuolumne	16	Upper San Leandro Reservoir	Alameda	3
Tuolumne River (North Fork)	Tuolumne	16	Usona	Mariposa	13
Tuolumne River (South Fork)	Tuolumne	16			
Tupman	Kern	13	V		
Turk	Fresno	13	Vacaville	Solano	12
Turlock	Stanislaus	12	Vade	El Dorado	16
Turlock Lake	Stanislaus	12	Val Verde Park	Los Angeles	9
Turner	San Joaquin	12	Valencia	Los Angeles	9
Turntable Creek	Plumas	16	Valinda	Los Angeles	9
Turntable Creek	Shasta	11	Valle Vista	Riverside	10
Turtle Mountains	San Bernardino	14	Vallecito	Calaveras	12
Tustin	Orange	8	Vallejo	Solano	3
Tustin Foothills	Orange	8	Valley Center	San Diego	10
Tuttle	Merced	12	Valley Ford	Sonoma	2
Tuttletown	Tuolumne	12	Valley Home	Stanislaus	12
Twain	Plumas	16	Valley Springs	Calaveras	12
Twain Harte	Tuolumne	12	Valley Wells	Inyo	14
Twentynine Palms	San Bernardino	14			
Twin Bridges	El Dorado	16			

City	County	CZ	City	County	CZ
Valyermo	Los Angeles	14	Wawona	Mariposa	16
Van Nuys	Los Angeles	9	Weaverville	Trinity	16
Vandenberg Air Force Base	Santa Barbara	5	Weed	Siskiyou	16
Vandenburg Village	Santa Barbara	5	Weed Patch	Kern	13
Venice	Los Angeles	6	Weimar	Placer	11
Ventupopa	Santa Barbara	4	Weitchpec	Humboldt	2
Ventura	Ventura	6	Weldon	Kern	16
Verdugo Mountains	Los Angeles	9	Wendel	Lassen	16
Vermilion Valley Dam	Fresno	16	Weott	Humboldt	1
Vernalis	San Joaquin	12	West Athens	Los Angeles	8
Vernon	Los Angeles	8	West Carson	Los Angeles	6
Verona	Sutter	11	West Compton	Los Angeles	8
Victor	San Joaquin	12	West Covina	Los Angeles	9
Victorville	San Bernardino	14	West Hollywood	Los Angeles	9
Vidal	San Bernardino	15	West Mesa	Imperial	15
Vidal Junction	San Bernardino	15	West Modesto	Stanislaus	12
Vidal Valley	San Bernardino	15	West Pittsburg	Contra Costa	12
Vidal Wash	San Bernardino	15	West Point	Calaveras	12
View Park	Los Angeles	9	West Puente Valley	Los Angeles	9
Viewland	Lassen	16	West Sacramento	Yolo	12
Villa Park	Orange	8	West Walker River	Mono	16
Vina	Tehama	11	West Whittier-Los Nietos	Los Angeles	9
Vinagre Wash	Imperial	15	Westend	San Bernardino	14
Vincent	Los Angeles	14	Westhaven	Fresno	13
Vine Hill	Contra Costa	3	Westhaven	Humboldt	1
Vineyard Canyon	Monterey	4	Westlake Village	Los Angeles	9
Vinton	Plumas	16	Westley	Stanislaus	12
Viola	Shasta	16	Westminster	Orange	6
Visalia	Tulare	13	Westmont	Los Angeles	8
Vista	San Diego	7	Westmorland	Imperial	15
Volcano	Amador	12	Westport	Mendocino	1
Volcanoville	El Dorado	16	Westwood	Lassen	16
Volta	Merced	12	Whale Rock Reservoir	San Luis Obispo	5
Vorden	Sacramento	12	Wheatland	Yuba	11
			Wheeler Ridge	Kern	13
			Wheeler Springs	Ventura	16
			Whipple Mountains	San Bernardino	15
			Whiskeytown	Shasta	11
			Whiskeytown Lake	Shasta	11
			White Horse	Modoc	16
			White Mountain Peak	Mono	16
			White Mountains	Inyo	16
			White Mountains	Mono	16
			White River (Town)	Tulare	13
			White Rock	Sacramento	12
			White Water	Riverside	15
			White Wolf	Tuolumne	16
			Whitehorn	Humboldt	1
			Whitehorse Flat Reservoir	Modoc	16
			Whitewater River (North Fork)	San Bernardino	16
			Whitewater River (South Fork)	San Bernardino	16
			Whitley Gardens	San Luis Obispo	4
			Whitney	Placer	11
			Whittier	Los Angeles	9
			Whittier Narrows Dam	Los Angeles	9
			Wiest	Imperial	15

W

City	County	CZ	City	County	CZ
Wilbur Springs	Colusa	11	Yosemite Valley	Mariposa	16
Wildomar	Riverside	10	Yosemite Village	Mariposa	16
Wildrose RS	Inyo	16	Yountville	Napa	2
Williams	Colusa	11	Yreka	Siskiyou	16
Williams Peak	Mendocino	2	Yuba City	Sutter	11
Willits	Mendocino	2	Yucaipa	San Bernardino	10
Willow Creek	Humboldt	2	Yucca Mountain	Tulare	16
Willow Brook	Los Angeles	8	Yucca Valley	San Bernardino	14
Willow Creek Camp	Inyo	16	Yuha Desert	Imperial	15
Willow Ranch	Modoc	16			
Willow Springs	Kern	14	Z		
Willow Wash	San Bernardino	14			
Willowbrook	Los Angeles	8	Zamora	Yolo	12
Willows	Glenn	11	Zenia	Trinity	2
Wilseyville	Calaveras	12	Zuma Canyon	Los Angeles	6
Wilsona Gardens	Los Angeles	14			
Wilsonia	Tulare	16			
Wilton	Sacramento	12			
Winchester	Riverside	10			
Windsor	Sonoma	2			
Wingate Wash	Inyo	14			
Winston Wash	San Bernardino	14			
Winterhaven	Imperial	15			
Winters	Yolo	12			
Winton	Merced	12			
Wishin	Madera	16			
Wishin Reservoir	Fresno	16			
Wister	Imperial	15			
Wofford Heights	Kern	16			
Woodacre	Marin	2			
Woodbridge	San Joaquin	12			
Woodcrest	Riverside	10			
Woodfords	Alpine	16			
Woodlake	Tulare	13			
Woodland	Yolo	12			
Woodland Hills	Los Angeles	9			
Woodleaf	Yuba	16			
Woodman	Mendocino	2			
Woodside	San Mateo	3			
Woodville	Tulare	13			
Woody	Kern	13			
Wrightwood	San Bernardino	16			
Wunpost	Monterey	4			
Wyandotte	Butte	11			
Wynola	San Diego	14			
Wyntoon	Siskiyou	16			
Y					
Yermo	San Bernardino	14			
Yetter	Tulare	13			
Yolo	Yolo	12			
Yolo Bypass	Solano	12			
Yolo Bypass	Yolo	12			
Yorba Linda	Orange	8			
Yorkville	Mendocino	2			

II.32.2 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% drybulb and 1.0% mean coincident wetbulb (MCWB) are interpolated.² These values are intended to be used with the

The data in 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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<http://www.bnibooks.com>

² The interpolation formula is $2.0\%value + 0.6667 (0.5\%Value - 2.0\% value + 0.5)$.

Table #2.3 – Design Day Data for California Cities

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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							
Alameda	Alameda NAS	3	37.8	15	122.3	88	65	82	64	80	64	76	62	7366	3464	21	35	3438	3440	2507
Alameda	Albany	3	37.9	40	122.3	88	65	83	64	81	64	77	62	66	64	16	30	35	38	
Alameda	Ashland	3	37.7	45	122.1	92	66	86	65	85	64	81	62	68	66	24	26	31	34	<u>977</u>
Alameda	Berkeley	3	37.9	345	122.3	90	64	83	63	81	63	76	61	7066	6864	16	33	3337	3640	2950
Alameda	Castro Valley	3	37.6	177	122.2	93	67	87	67	85	67	80	65	69	68	25	24	29	32	
Alameda	Cherryland	3	37.5	100		93	67	86	66	84	66	79	64	7269	7067	24	26	31	3437	
Alameda	Dublin	12	37.7	200	121.5	99	69	93	67	91	67	86	65	70	68	35	24	29	32	
Alameda	Fremont	3	37.5	56	122.0	94	67	88	65	86	65	81	63	69	67	24	25	30	33	
Alameda	Hayward	3	37.7	530	122.1	92	66	86	65	85	64	81	62	7768	7566	24	26	2931	3234	2909
Alameda	Livermore	12	37.7	490	122.0	100	69	95	68	93	68	88	67	7371	7470	35	22	2925	3228	3012
Alameda	Newark	3	37.5	10	122.0	94	68	89	67	87	67	82	65	6870	6668	24	29	2434	2536	
Alameda	Oakland AP	3	37.7	6	122.2	91	66	84	64	82	64	77	62	7367	7465	20	32	2834	3237	2909
Alameda	Oakland Museum	3	37.8	30	122.2	96	68	89	66	87	65	82	63	6769	6667	20	31	3433	3736	
Alameda	Piedmont	3	37.8	325	122.0	96	68	89	66	87	65	82	63	70	68	23	31	33	36	
Alameda	Pleasanton	12	37.6	350	121.8	97	68	94	67	93	67	89	65	70	68	35	24	29	32	
Alameda	San Leandro	3	37.7	45	122.2	89	67	83	64	81	64	76	62	6669	6466	22	28	2533	2835	
Alameda	San Lorenzo	3	37.7	45	122.1	89	67	83	64	81	64	76	62	6669	6466	23	28	2533	2836	
Alameda	Union City	3	37.6	5	122.1	90	67	87	66	85	65	81	63	69	67	20	25	30	33	
Alameda	Upper San Leandro	3	37.8	394		93	67	87	66	85	65	80	63	7069	6867	22	28	2433	2735	
Alpine	Woodfords	16	38.8	5671	119.8	92	59	89	58	88	58	84	56	7463	7261	32	0	325	3512	6047
Amador	Electra PH	12	38.3	715	120.7	106	70	102	69	101	69	98	68	73	71	41	23	3828	4431	2858
Amador	Ione	12	38.3	298	120.9	101	70	97	68	95	68	91	67	7572	7470	38	23	2228	2631	
Amador	Tiger Creek PH	12	38.5	2355	120.5	100	66	96	65	95	65	92	63	6769	6667	36	20	3426	3629	3795
Amador/Calavara s	Salt Springs PH	16	38.5	3700	120.2	95	62	92	61	91	61	87	59	6966	6664	27	19	3325	3528	3857
Butte	Centerville PH	11	39.8	522	121.7	105	70	100	68	99	68	96	67	6572	6370	40	25	630	1333	2895
Butte	Chico Exp Sta	11	39.7	205	121.8	105	70	102	69	100	69	96	68	72	7071	37	22	3427	3430	2878

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						0.1%		0.5%		1.0%		2.0%		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							
Butte	De Sabla	11	39.9	2713	121.6	97	66	94	64	92	64	88	62	7468	7466	35	18	3024	3427	4237
Butte	Las Plumas	11	39.7	506		104	71	101	70	100	70	96	68	73	71	32	24	29	32	
Butte	Oroville East	11	39.5	171		106	71	104	70	102	70	98	69	74	72	37	25	30	33	1385
Butte	Oroville RS	11	39.5	300	121.6	106	71	104	70	102	70	98	69	74	72	37	25	30	33	
Butte	Palermo	11	39.4	154	121.5	106	71	104	70	102	70	98	69	74	72	37	25	30	33	1170
Butte	Paradise	11	39.8	1750	121.6	102	69	99	67	98	67	94	66	7471	7469	34	25	3330	3633	
Butte	South Oroville	11	39.5	174	121.6	106	71	104	70	102	70	98	69	74	72	37	25	30	33	1385
Butte	Thermalito	11	37.9	25	121.6	106	71	104	70	102	70	98	69	74	72	37	25	30	33	
Calaveras	Camp Pardee	12	38.2	658	120.9	106	71	103	70	102	70	98	69	7074	6872	36	27	2632	2935	2812
Colusa	Colusa	11	39.2	60	122.0	103	72	100	70	98	70	94	68	74	7271	36	23	3329	3531	2793
Colusa	East Park Res	11	39.4	1205	122.5	101	69	97	68	96	68	92	66	6871	6669	38	19	3425	3428	3455
Colusa	Williams	11	39.2	85	122.2	104	71	100	70	98	70	94	68	6873	6671	36	24	2929	2432	
Colusa	Willows	11	39.5	140		104	71	100	70	98	70	94	68	7473	6971	36	22	28	31	2836
Contra Costa	Alamo	12	37.9	410	122.9	102	69	97	68	96	68	92	66	72	70	30	23	28	31	
Contra Costa	Antioch	12	38.0	60	121.8	102	70	97	68	95	68	91	66	6970	6669	34	22	3028	3331	2627
Contra Costa	Blackhawk	12	37.7	10		88	65	82	64	80	64	76	62	66	64	21	35	38	40	977
Contra Costa	Brentwood	12	37.9	71	121.7	102	70	97	68	95	67	89	65	71	68	34	27	32	35	
Contra Costa	Clayton	12	38.0	60	121.9	102	70	97	68	95	67	89	65	71	68	34	27	32	35	
Contra Costa	Concord	12	38.0	195	112.0	102	70	97	68	95	67	89	65	7471	7268	34	27	3332	35	3035
Contra Costa	Crockett	12	38.0	9	122.2	96	68	90	66	89	66	85	64	6670	6467	23	28	2933	2436	
Contra Costa	Danville	12	37.8	368	122.0	102	69	97	68	96	68	92	66	72	70	30	23	28	31	977
Contra Costa	Discovery Bay	12	38.1	10	121.6	102	70	97	68	95	67	89	65	71	68	34	27	32	35	
Contra Costa	El Cerrito	3	37.8	70	122.3	91	66	84	64	81	64	75	62	68	65	17	30	35	38	
Contra Costa	El Sobrante	3	37.9	55	122.3	91	66	87	65	86	65	82	64	69	67	25	30	35	38	823
Contra Costa	Hercules	3	38.0	15	122.3	91	66	87	65	86	65	82	64	69	67	25	30	35	38	823
Contra Costa	Lafayette	12	37.9	535	122.1	100	69	94	67	92	67	87	66	71	69	32	24	29	32	
Contra Costa	Martinez FS	12	38.0	40	122.1	99	67	94	66	92	66	88	65	7271	7069	36	28	2933	3435	
Contra Costa	Moraga	12	37.8	600	122.2	99	68	93	66	91	66	86	64	70	68	27	21	26	29	
Contra Costa	Mount Diablo	12	37.9	2100	121.9	101	68	96	66	93	66	87	65	6468	59	28	27	4032	4435	4600

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Contra Costa	Oakley	12	38.0	20	121.7	102	70	97	68	95	68	91	66	70	69	34	22	28	31	
Contra Costa	Orinda	12	37.9	550	122.2	99	68	93	66	91	66	86	64	70	68	32	21	26	29	
Contra Costa	Pinole	3	38.0	10	122.3	91	66	87	65	86	65	82	64	69	67	25	30	35	38	
Contra Costa	Pittsburg	12	38.0	50	121.8	102	70	97	68	95	68	90	67	72	70	34	26	32	35	
Contra Costa	Pleasant Hill	12	37.9	102	122.0	96	68	93	67	92	67	88	65	70	68	34	25	30	33	
Contra Costa	Port Chicago ND	12	38.0	50	122.0	98	69	94	68	92	68	88	66	7471	7269	34	28	3233	3536	
Contra Costa	Richmond	3	37.9	55	121.6	88	65	84	64	82	64	77	62	7467	7265	17	31	3336	3538	2684
Contra Costa	Rodeo	3	38.1	15	122.3	93	67	90	66	88	66	84	64	70	68	23	28	33	36	823
Contra Costa	Saint Mary's College	12	37.8	623	122.1	98	69	93	68	91	68	86	66	7371	7169	28	21	3527	3730	3543
Contra Costa	San Pablo	3	37.6	30	122.3	90	65	84	63	82	63	77	61	7269	7066	17	29	3434	3437	
Contra Costa	San Ramon	12	37.7	360	122.0	99	69	93	67	91	67	86	65	70	68	35	24	29	32	1369
Contra Costa	Walnut Creek	12	37.9	245	122.1	100	69	94	67	92	67	87	66	74	72	32	23	33	35	
Contra Costa	West Pittsburg	12	38.0	12	121.9	102	70	97	68	95	68	90	67	72	70	34	26	32	35	
Del Norte	Crescent City	1	41.8	40	124.2	75	61	69	59	68	59	65	58	7261	7060	18	28	2833	3136	4445
Del Norte	Elk Valley	16	42.0	1705	123.7	96	65	90	63	88	63	84	61	7367	7165	39	16	3423	3627	5404
Del Norte	Idlewild	1	41.9	1250	124.0	103	68	96	66	95	66	92	65	7269	7167	40	18	3024	3227	
Del Norte	Klamath	1	41.5	25	124.1	79	62	71	60	70	60	66	58	7564	7361	18	26	3031	3433	4509
El Dorado	Cameron Park	12	38.6	1800	121.0	101	67	98	66	97	66	93	65	70	68	42	20	26	29	2235
El Dorado	El Dorado Hills	12	38.6	673		103	70	100	69	98	69	94	67	72	71	36	24	30	34	
El Dorado	Georgetown RS	12	38.9	3001	120.8	98	64	95	63	94	63	90	61	7068	6866	31	18	2324	2627	
El Dorado	Placerville	12	38.7	1890	120.8	101	67	98	66	97	66	93	65	7370	7168	42	20	3426	3729	4086
El Dorado	Placerville IFG	12	38.7	2755	120.8	100	66	97	65	96	65	92	64	7069	6867	42	23	2628	2931	
El Dorado	South Lake Tahoe	16	38.9	6200	120.0	85	56	82	55	79	55	71	54	60	58	33	-2	3	10	
Fresno	Auberry	13	37.1	2140	119.5	102	69	98	67	97	66	95	64	7471	7269	36	21	3027	3430	3313
Fresno	Bonadella Ranchos – Madera Rancho	13	36.8	270		105	72	101	70	100	70	96	68	074	072	40		029	032	1273
Fresno	Calwa	13	36.8	330	119.8	105	73	101	71	100	70	97	68	75	73	34	23	27	29	
Fresno	Clovis	13	36.8	404	119.7	105	72	102	70	101	70	98	68	7174	6872	36	22	3228	3532	
Fresno	Coalinga	13	36.2	671	120.4	103	70	98	70	97	70	93	69	7473	72	34	23	3328	3531	2592
Fresno	Five Points	13	36.4	285	120.2	103	71	99	70	97	70	93	68	73	71	36	21	3227	3530	

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Fresno	Fresno AP	13	36.8	328	119.7	104	73	101	71	100	70	97	68	6975	6773	34	24	3928	3330	2650
Fresno	Friant Gov Camp	13	37.0	410	119.7	106	72	103	70	102	70	100	68	7574	7372	40	23	28	3031	2768
Fresno	Huntington Lake	16	37.2	7020	119.2	80	55	77	54	76	53	73	51	7458	6956	25	3	3811	4416	7632
Fresno	Kerman	13	36.6	216	120.1	105	73	101	71	100	70	97	68	75	73	34	24	28	30	1262
Fresno	Kingsburg	13	36.4	297	119.6	104	73	101	71	100	71	97	69	75	73	36	24	30	34	1300
Fresno	Lakeshore	16	40.9	1075	119.2	104	69	100	68	99	68	95	66	71	69	28	29	34	36	
Fresno	Little Panoche	13	36.8	677		100	68	94	67	92	67	86	66	7471	7269	33	23	2928	3231	
Fresno	Mendota	13	36.7	169	120.4	105	73	101	71	100	70	97	68	75	73	34	24	28	30	1273
Fresno	Miramonte	13	34.4	750	119.1	102	71	97	69	95	69	91	68	73	71	38	25	29	32	771
Fresno	Orange Cove	13	36.6	431	119.3	104	71	100	69	99	69	97	68	7273	7071	38	25	3730	4033	2684
Fresno	Parlier	13	36.6	320	119.5	104	73	101	71	100	70	97	68	75	73	38	24	30	34	1262
Fresno	Reedley	13	36.6	344	119.7	104	71	101	70	100	70	96	68	74	72	40	24	30	34	
Fresno	Sanger	13	36.7	364	119.6	105	72	101	70	100	70	96	68	7074	6872	37	24	2930	3234	
Fresno	Selma	13	36.6	305	119.6	104	73	101	71	100	70	97	68	75	73	38	24	30	34	
Glenn	Orland	11	39.8	254	122.2	105	71	102	70	101	70	97	68	7073	6871	36	22	2628	2931	2824
Glenn	Stony Gorge Res	11	39.6	791	122.5	104	70	99	69	97	69	93	67	72	70	37	21	2827	30	3149
Humboldt	Alderpoint	2	40.2	460	123.6	100	69	95	67	94	67	90	65	6670	6468	39	21	3527	3830	3424
Humboldt	Arcata	1	41.0	218	124.1	75	61	69	59	68	59	65	58	7361	7460	11	28	3631	3833	5029
Humboldt	Butler Valley (Korbel)	1	40.7	420	123.9	91	66	86	64	85	64	81	62	67	65	22	20	526	4229	
Humboldt	Eureka	1	40.8	43	124.2	75	61	69	59	68	59	65	58	7261	7060	11	30	3435	3438	4679
Humboldt	Ferndale	1	40.5	1445	124.3	76	57	66	56	65	56	62	54	6959	6757	12	28	3233	35	
Humboldt	Fortuna	1	40.6	100	124.2	75	61	69	59	68	59	65	58	61	60	11	30	35	38	2000
Humboldt	Hoopa	2	41.0	360	123.7	100	67	92	66	91	66	87	64	7069	6867	25	23	3328	3531	
Humboldt	McKinleyville	1	40.9	33	124.1	75	61	69	59	68	59	65	58	61	60	11	28	31	33	1995
Humboldt	Orick Prairie Creek	1	41.4	161	124.0	80	61	75	60	74	60	70	59	7463	7461	23	25	30	3433	4816
Humboldt	Orleans	2	41.3	403	123.5	104	70	97	68	95	68	91	66	7371	7469	42	21	2827	3430	3628
Humboldt	Scotia	1	40.5	139	124.4	78	61	74	60	73	60	69	58	6863	6661	19	28	2433	2535	3954
Humboldt	Shelter Cove	1	40.0	110	124.1	80	61	73	60	72	59	68	57	7263	7061	15	34	3439	3641	
Humboldt	Willow Creek	2	41.0	461	123.0	104	70	98	68	96	68	92	66	7271	7069	35	22	3928	4231	

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Humboldt	Richardson Grove	2	40.0	500	123.8	96	67	92	66	91	66	87	64	7469	7267	28	25	3330	3533	
Imperial	Brawley 2 SW	15	33.0	-100	115.6	113	74	110	73	109	73	105	73	7281	7079	32	25	2830	3433	1204
Imperial	Calexico	15	32.7	12	115.5	114	74	110	73	109	73	106	71	81	79	28	26	31	34	
Imperial	El Centro	15	32.8	-30	115.6	115	74	111	73	110	73	107	73	7481	7279	34	26	3435	3638	1212
Imperial	Gold Rock Rch	15	32.9	485		113	73	110	72	109	72	106	70	7079	6877	28	31	4836	2338	
Imperial	Imperial AP	15	32.8	-59	115.6	114	74	110	73	109	73	106	72	6781	6579	31	26	4631	2434	1060
Imperial	Imperial CO	15	32.9	-64		112	73	108	72	107	72	104	71	7480	6978	31	29	3934	4436	976
Inyo	Bishop AP	16	37.4	4108	118.4	103	61	100	60	99	60	97	58	6465	6263	40	5	312	716	4313
Inyo	Death Valley	14	36.5	-194	116.9	121	77	118	76	117	76	114	74	6881	6679	28	27	2433	2737	1147
Inyo	Deep Springs Clg	16	37.5	5225	118.0	98	60	95	59	94	59	92	58	8464	7962	35	-3	332	378	
Inyo	Haiwee	16	36.1	3825	118.0	102	65	99	64	98	64	95	62	7368	7466	27	15	3622	3826	3700
Inyo	Independence	16	36.8	3950	118.2	104	61	101	60	100	60	97	60	8065	7863	31	12	3419	3624	
Inyo	Wildrose RS	16	36.3	4100		100	64	97	63	96	63	93	61	7468	7266	33	13	2820	3024	
Kern	Alta Sierra	16	35.7	6500	118.6	87	62	84	61	83	61	80	59	65	63	32	-4	1	8	2428
Kern	Arvin	13	35.2	445	118.8	106	71	102	69	101	69	98	68	74	72	30	26	29	32	
Kern	Bakersfield AP	13	35.4	475	119.1	106	71	102	70	101	70	98	68	7774	7572	34	26	2831	3435	2185
Kern	Blackwells Corner	13	35.6	644	119.9	99	68	94	66	93	66	89	65	6671	6469	31	23	3828	4032	
Kern	Boron AFS	14	35.1	3015	117.6	106	70	103	69	102	69	98	68	7073	6871	35	18	3223	3426	3000
Kern	Buttonwillow	13	35.4	269	119.5	103	71	99	70	98	70	95	68	6774	6572	36	20	26	29	2621
Kern	California City	14	35.1	2400	118.0	107	69	104	68	103	68	99	66	72	70	33	10	17	22	2572
Kern	Cantil	14	35.3	2010	118.0	111	71	107	71	106	71	103	70	74	7273	32	12	3019	3324	
Kern	Delano	13	35.8	323	119.3	106	71	102	70	101	70	98	69	74	72	36	22	25	28	
Kern	Edwards AFB	14	34.9	2316	117.9	107	69	104	68	103	68	99	66	7372	7170	35	10	3517	3722	3123
Kern	Glennville	16	35.7	3140	118.7	97	67	94	66	93	66	90	64	7370	7468	43	11	3518	3723	4423
Kern	Golden Hills	16	35.1	4000		97	66	93	65	92	65	89	64	69	67	33	13	20	24	
Kern	Greenacres	13	35.3	400	119.1	106	71	102	70	101	70	98	68	74	72	34	26	31	35	934
Kern	Hillcrest Center	16	35.4	500		106	71	102	70	101	70	98	68	74	72	34	26	31	35	
Kern	Inyokern NAS	14	35.7	2440	117.8	110	71	106	68	105	68	102	66	7075	6871	37	15	4022	4226	2772
Kern	Kern River PH 3	16	35.8	2703	118.6	103	69	100	68	99	68	96	66	7572	7370	34	19	3525	3728	2891

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						0.1%		0.5%		1.0%		2.0%		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							
Kern	Lamont	13	35.3	500	120.0	106	72	102	71	101	71	98	69	75	73	34	26	32	35	
Kern	Maricopa	13	35.1	675	119.4	106	71	102	70	101	70	98	68	74	7472	29	25	30	33	2302
Kern	McFarland	13	35.6	350	119.2	106	71	102	70	101	70	98	69	74	72	36	22	25	28	1162
Kern	Mojave	14	35.1	2735	118.2	106	68	102	67	101	67	98	66	7071	6869	35	16	3422	3626	3012
Kern	Oildale	13	35.5	450	119.0	106	71	102	70	101	70	98	68	7074	6872	34	26	3731	3935	
Kern	Randsburg	14	35.3	3570	117.7	105	67	102	66	101	66	97	65	7470	6768	30	19	3725	4028	2922
Kern	Ridgecrest	14	35.6	2340	117.8	110	70	106	68	105	68	102	66	75	71	35	15	22	26	
Kern	Rosamond	14	34.8	2326	118.2	106	68	102	67	101	67	98	66	71	69	35	16	22	26	1455
Kern	Shafter	13	35.5	345	119.2	106	71	102	70	101	70	98	68	74	7472	28	24	3329	3632	2185
Kern	Taft	13	35.1	987	119.5	106	71	102	70	101	70	98	68	74	72	34	26	31	35	934
Kern	Tehachapi	16	35.1	3975	118.5	97	66	93	65	92	65	89	64	7469	7467	33	13	3220	3524	4494
Kern	Wasco	13	35.6	333	119.3	105	71	101	70	100	70	97	68	7474	6972	36	23	2228	2631	2466
Kings	Avenal	13	36.0	550	120.1	103	70	98	70	97	70	93	69	73	72	34	23	28	31	
Kings	Corcoran	13	36.1	200	119.7	106	72	102	71	101	71	98	70	74	7273	36	22	3328	3531	2666
Kings	Hanford	13	36.3	242	119.7	102	71	99	70	98	70	94	68	73	7071	37	22	3928	3231	2736
Kings	Kern River PH 1	13	35.5	970	118.8	106	72	103	71	102	71	99	69	75	73	26	30	2835	3037	1878
Kings	Kettleman Stn	13	36.1	508	120.1	104	71	100	70	98	70	93	68	7274	7072	31	26	2531	2834	2180
Kings	Lemoore NAS	13	36.3	228	120.0	104	72	101	71	100	71	97	69	74	72	37	19	3925	3328	2960
Lake	Clearlake Highlands	2	39.0	1360	122.7	101	69	97	68	95	67	89	65	71	6869	36	15	3222	3526	
Lake	Lakeport	2	39.0	1347	122.9	97	67	93	66	92	65	88	63	7469	7267	41	20	2726	3029	3728
Lake	Upper Lake RS	2	39.2	1347	123.0	98	68	95	67	94	66	91	64	73	71	39	18	34	36	
Lassen	Doyle	16	40.0	4390	120.1	96	63	93	62	92	61	88	59	6866	6664	42	0	295	2412	
Lassen	Fleming Fish & Game	16	40.4	4000	120.3	96	62	93	61	92	61	88	59	7366	7164	40	-3	272	308	
Lassen	Lodgepole	16	36.6	6735	118.7	84	57	80	56	80	56	78	54	7260	7058	26	-4	281	347	
Lassen	Susanville AP	16	40.4	4148	120.6	98	62	95	61	94	61	90	59	7066	6864	38	-1	344	3611	6233
Los Angeles	Agoura Hills	9	34.2	700	118.8	103	70	96	68	94	68	90	66	73	71	29	27	31	34	
Los Angeles	Alhambra	9	34.0	483	118.1	100	71	96	70	94	70	90	68	73	71	25	30	35	37	
Los Angeles	Alondra Park	6	33.9	50	118.3	91	69	86	68	85	68	81	66	71	69	17	35	40	42	
Los Angeles	Altadena	9	34.2	1200	118.1	99	68	94	67	92	67	88	66	6572	6370	31	32	437	839	1920

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						0.1%		0.5%		1.0%		2.0%		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							
Los Angeles	Arcadia	9	34.2	475	118.0	100	69	96	68	95	68	91	67	73	71	30	31	36	38	
Los Angeles	Artesia	8	33.8	50	118.1	99	71	91	70	89	70	85	68	73	71	23	33	37	40	
Los Angeles	Avalon	6	33.4	25	118.3	83	64	75	62	73	62	69	60	7468	7266	11	37	3241	3544	2204
Los Angeles	Avocado Heights	16	34.2	550	118.0	101	69	97	68	95	68	91	68	7374	72	30	28	2832	3435	741
Los Angeles	Azusa	9	34.1	605	118.2	101	70	97	69	95	69	91	68	74	72	36	31	36	38	
Los Angeles	Baldwin Park	9	34.0	394	118.0	100	69	96	69	94	69	90	68	73	72	32	31	36	38	
Los Angeles	Bell	8	33.9	143	118.2	97	70	91	69	89	69	85	67	72	70	22	33	38	41	
Los Angeles	Bell Gardens	8	33.9	160	118.2	97	70	91	69	87	67	78	62	72	70	24	29	37	40	
Los Angeles	Bellflower	8	33.8	73	118.1	98	70	91	69	89	69	85	67	72	70	21	32	37	40	
Los Angeles	Beverly Hills	9	34.1	268	118.2	94	69	88	68	87	68	83	66	71	69	20	39	43	46	
Los Angeles	Burbank AP	9	34.2	699	118.4	101	70	96	68	94	68	90	67	72	70	28	29	3534	3836	1701
Los Angeles	Burbank Vly Pump	9	34.2	655	118.4	101	69	96	68	94	68	90	66	72	70	28	29	34	36	1678
Los Angeles	Calabasas	9	34.2	1100	118.6	102	71	98	70	97	70	93	69	7073	6871	26	26	3430	3433	2348
Los Angeles	Canoga Park	9	34.2	790	118.6	104	71	99	70	97	70	93	69	7474	6972	38	25	2330	2733	1884
Los Angeles	Carson	6	33.8	60	118.3	96	69	88	68	86	68	82	66	71	69	19	33	38	40	
Los Angeles	Cerritos	8	33.9	34	118.1	99	71	92	69	90	69	85	68	6573	6371	23	33	638	1340	
Los Angeles	Charter Oak	9	34.1	600	117.9	101	70	97	69	95	69	91	68	74	72	34	29	34	36	
Los Angeles	Chatsworth	9	34.2	964	118.6	98	69	93	68	91	68	87	66	72	70	38	26	31	34	664
Los Angeles	Claremont	9	34.1	1201	117.8	101	69	97	68	95	68	91	66	7473	7271	34	29	2634	2936	2049
Los Angeles	Commerce	8	33.9	175	118.2	98	69	92	68	90	68	86	67	7472	7270	23	33	3337	3539	
Los Angeles	Compton	8	33.9	71	118.2	97	69	90	68	88	68	83	67	7472	7270	21	33	3337	3539	1606
Los Angeles	Covina	9	34.1	575	117.9	101	70	97	69	95	69	91	68	7274	7072	34	29	2834	3436	
Los Angeles	Cudahy	8	33.9	130	118.2	98	70	91	69	89	69	85	67	72	70	21	33	37	39	
Los Angeles	Culver City	8	34.0	106	118.4	96	70	88	69	87	69	83	67	72	70	18	35	3740	3942	1515
Los Angeles	Del Aire	6	34.0	100		91	69	84	67	83	67	79	66	71	69	15	37	40	42	383
Los Angeles	Diamond Bar	9	34.0	880	117.8	101	69	97	68	96	68	92	66	73	71	33	28	33	35	
Los Angeles	Downey	8	33.9	110	118.0	98	71	90	70	88	70	84	68	73	71	21	32	37	39	
Los Angeles	Duarte	9	34.1	500	118.0	100	69	96	68	94	68	90	67	73	71	33	31	36	38	
Los Angeles	East Compton	8	34.0	71		97	69	90	68	88	68	83	67	72	70	21	33	37	39	436

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						0.1%		0.5%		1.0%		2.0%		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							
Los Angeles	East La Mirada	9	33.9	115		99	70	91	69	89	69	85	68	73	71	26	31	36	38	
Los Angeles	East Los Angeles	9	34.0	250	118.3	99	69	92	68	90	68	86	67	72	70	21	38	41	43	
Los Angeles	East Pasadena	16	34.2	864	118.1	99	69	94	68	92	68	88	67	73	71	30	32	37	40	452
Los Angeles	East San Gabriel	9	34.1	450		99	70	94	69	92	69	88	68	73	71	30	30	35	37	431
Los Angeles	El Monte	9	34.1	271	118.0	101	71	97	70	95	70	91	68	73	71	30	31	36	39	
Los Angeles	El Segundo	6	33.9	105	118.4	91	69	84	68	83	68	79	66	71	69	14	37	3440	3742	
Los Angeles	Encino	9	34.2	750	118.5	103	71	98	69	96	69	92	67	74	71	27	28	33	36	664
Los Angeles	Fairmont	14	34.7	3060	118.4	100	67	96	66	95	66	92	65	7371	7469	22	22	3028	3331	3330
Los Angeles	Florence-Graham	8	34.0	175		98	69	90	68	88	68	84	67	72	70	19	35	40	43	
Los Angeles	Gardena	8	33.9	40	118.3	92	69	85	68	84	68	80	66	71	69	18	32	37	39	
Los Angeles	Glendale	9	34.2	563	118.3	101	70	96	68	94	68	90	67	7273	6971	28	30	2835	3437	
Los Angeles	Glendora	9	34.1	822	117.9	102	69	98	68	96	68	92	67	73	71	35	30	35	37	
Los Angeles	Granada Hills	6	34.4	1032	118.5	100	70	95	68	93	68	89	66	73	70	37	28	31	34	664
Los Angeles	Hacienda Hts	9	34.0	300	118.0	100	69	96	68	94	68	90	67	73	71	28	31	36	38	
Los Angeles	Hawaiian Gardens	8	33.8	75	118.1	97	70	91	69	89	69	84	67	72	70	23	32	37	39	
Los Angeles	Hawthorne	8	33.9	70	118.4	92	69	85	68	84	68	80	66	71	69	16	37	40	42	
Los Angeles	Hermosa Beach	6	33.9	16	118.4	92	69	84	68	82	68	78	66	71	69	12	38	42	45	
Los Angeles	Hollywood	9	34.0	384	118.4	96	70	89	69	87	69	83	67	72	70	20	36	41	44	
Los Angeles	Huntington Park	8	34.0	175	118.0	98	70	90	69	88	69	84	67	5872	5670	20	38	4442	4645	
Los Angeles	Inglewood	8	33.9	105	118.0	92	68	85	67	84	67	80	65	70	68	15	37	40	42	
Los Angeles	La Canada-Flintridge	9	34.2	1365	118.0	99	69	95	68	93	68	88	66	7372	7470	30	32	2536	2838	
Los Angeles	La Crescenta-Montrose	9	34.2	1565	118.0	98	69	94	68	92	68	87	66	72	70	33	31	35	37	
Los Angeles	La Habra Heights	9	34.0	400	118.0	100	69	94	68	92	68	87	67	72	70	27	30	35	37	
Los Angeles	La Mirada	9	33.9	115	118.0	99	70	91	69	89	69	85	68	73	71	26	31	36	38	
Los Angeles	La Puente	9	34.0	320	118.0	101	71	97	70	95	70	91	69	74	72	28	31	36	38	
Los Angeles	La Verne	9	34.1	1235	118.0	101	69	97	68	95	68	91	67	73	71	34	29	34	36	
Los Angeles	Ladera Heights	9	34.1	100		91	67	84	67	83	67	79	66	71	69	14	37	40	42	383
Los Angeles	Lake Los Angeles	14	34.7	2300	117.8	106	68	102	67	101	67	98	66	72	70	35	12	17	20	1455
Los Angeles	Lakewood	8	33.9	45	118.0	98	70	90	68	88	68	84	66	72	70	22	33	37	40	

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Los Angeles	Lancaster	14	34.7	2340	118.2	106	68	102	67	101	67	98	66	72	70	35	12	17	20	
Los Angeles	Lawndale	8	33.9	66	118.0	92	69	85	68	84	68	80	66	71	69	16	37	40	42	
Los Angeles	Lennox	8	33.9	71	117.8	92	69	85	68	84	68	80	66	71	69	16	37	41	44	
Los Angeles	Llano Shawnee	14	34.5	3820	117.8	104	68	99	67	98	67	95	65	71	69	31	21	27	31	
Los Angeles	Lomita	6	33.8	56	119.0	95	69	87	68	85	68	81	66	71	69	18	33	38	40	
Los Angeles	Long Beach	6	33.7	34	118.2	97	70	88	68	86	67	82	65	65	63	18	35	31	34	
Los Angeles	Long Beach AP	8	33.8	25	118.2	99	71	90	69	88	68	84	66	6573	6371	21	33	3438	3441	1606
Los Angeles	Los Angeles AP	6	33.9	97	118.4	91	67	84	67	83	67	79	66	6871	6669	14	37	3340	3542	1819
Los Angeles	Los Angeles CO	9	34.0	270	118.2	99	69	92	68	90	68	86	67	7472	6970	21	38	4041	4243	1245
Los Angeles	Lynwood	8	33.9	88	118.0	98	70	90	69	88	69	83	67	6472	6270	21	32	3537	3739	
Los Angeles	Manhattan Beach	6	33.9	120	118.0	91	69	84	68	83	68	79	66	71	69	12	38	42	45	
Los Angeles	Marina del Rey	9	34.1	40	118.5	91	69	84	68	83	68	79	66	71	69	12	38	42	45	383
Los Angeles	Maywood	8	34.0	170	118.0	97	70	91	69	89	69	85	67	72	70	21	34	38	41	
Los Angeles	Monrovia	9	34.2	562	118.3	100	69	96	68	94	68	90	67	73	71	30	33	38	41	
Los Angeles	Montebello	9	34.0	205	118.1	98	69	93	68	91	68	86	67	72	70	24	33	37	39	
Los Angeles	Monterey Park	9	34.0	380	118.0	99	69	94	68	92	68	87	67	72	70	23	30	35	37	
Los Angeles	Mount Wilson	16	34.2	5709	118.1	90	63	85	61	83	60	79	58	6566	6364	21	15	4522	2026	4296
Los Angeles	Newhall Soledad	9	34.4	1243	118.6	104	70	100	68	99	68	95	67	73	71	42	27	33	36	
Los Angeles	North Hollywood	9	34.2	619	118.4	102	70	97	69	95	69	91	67	73	71	31	28	2833	3436	
Los Angeles	Northridge	9	34.2	875	118.5	101	70	96	69	94	69	90	67	73	71	36	30	35	38	650
Los Angeles	Norwalk	8	33.9	97	118.1	99	69	90	68	88	68	84	67	72	70	26	31	35	37	
Los Angeles	Pacoima	16	34.3	895	118.4	104	71	99	70	98	70	94	68	74	72	35	29	34	37	664
Los Angeles	Palmdale AP	14	34.6	2517	118.1	107	67	103	67	102	66	98	64	7971	7869	33	12	3420	3424	2929
Los Angeles	Palmdale CO	14	34.6	2596	118.1	106	67	102	67	101	66	97	64	71	69	35	13	2021	2425	2908
Los Angeles	Palos Verdes	6	33.8	216	119.0	92	69	84	68	82	68	78	66	71	69	14	38	43	46	
Los Angeles	Panorama City	9	34.2	801	118.5	103	71	98	69	96	69	92	67	74	71	32	28	33	36	664
Los Angeles	Paramount	8	33.9	70	117.0	98	70	90	69	88	69	84	67	72	70	22	32	37	40	
Los Angeles	Pasadena	9	34.2	864	118.2	99	69	94	68	92	68	88	67	7573	7371	30	32	3037	3440	1551
Los Angeles	Pico Rivera	9	34.0	180	118.0	98	70	91	69	89	69	85	67	72	70	24	31	35	38	

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Los Angeles	Pomona Cal Poly	9	34.1	740	117.8	102	70	98	69	97	69	93	67	6274	6072	36	27	4432	4335	1971
Los Angeles	Quartz Hill	14	34.6	2428	118.2	106	68	102	67	101	67	98	66	72	70	35	12	17	20	1455
Los Angeles	Rancho Palos Verdes	6	33.7	216	118.2	92	69	84	68	82	68	78	66	71	69	14	38	43	46	
Los Angeles	Redondo Beach	6	33.8	45	118.3	92	69	84	68	82	68	78	66	71	69	12	37	42	44	
Los Angeles	Reseda	9	34.2	736	118.5	103	71	98	69	96	69	92	67	74	71	32	28	33	36	664
Los Angeles	Rolling Hills	6	33.6	216	119.0	92	69	84	68	82	68	78	66	71	69	15	38	43	46	
Los Angeles	Rosemead	9	34.0	275	118.0	98	70	90	69	88	69	84	67	72	70	27	30	35	37	
Los Angeles	Rowland Hts	9	33.9	540	118.0	99	70	93	69	91	69	86	68	73	71	27	29	34	36	
Los Angeles	San Antonio Canyon	16	34.2	2394	117.7	100	68	96	67	94	67	90	65	6672	6470	33	29	2535	2839	
Los Angeles	San Dimas	9	34.0	955	118.4	102	70	98	69	96	69	92	67	6674	6472	35	30	2535	2837	
Los Angeles	San Fernando	9	34.3	977	118.5	104	71	99	70	98	70	94	68	6674	6472	37	30	2535	2837	1800
Los Angeles	San Gabriel FD	9	34.1	450	118.1	99	70	94	69	92	69	88	68	6673	6471	30	30	2535	2837	1532
Los Angeles	San Marino	9	34.2	300	118.1	100	69	95	68	93	68	88	66	7273	7071	28	30	3435	3437	
Los Angeles	San Pedro	6	33.7	10	118.3	92	69	84	68	82	68	78	66	72	70	13	35	31	34	1819
Los Angeles	Sandberg	16	34.8	4517	118.7	95	63	91	61	90	61	87	59	7067	6865	32	17	2921	3224	4427
Los Angeles	Santa Clarita	9	34.4	1300	118.5	103	71	98	70	97	70	93	68	74	72	36	30	35	37	
Los Angeles	Santa Fe Springs	9	33.9	280	118.1	99	69	90	68	88	68	84	67	7472	7270	24	31	3536	3738	
Los Angeles	Santa Monica	6	34.0	15	118.5	85	67	78	66	76	66	72	64	6769	6567	15	39	3444	3346	1873
Los Angeles	Sepulveda	9	34.2	818	118.5	103	71	98	69	96	69	92	67	74	71	32	28	33	36	664
Los Angeles	Sherman Oaks	9	34.2	657	118.5	103	71	98	69	96	69	92	67	74	71	28	29	34	37	664
Los Angeles	Sierra Madre	9	34.2	1153	118.1	102	69	96	68	94	68	90	67	73	71	27	32	37	39	
Los Angeles	Signal Hill	6	33.5	100	118.2	99	70	90	69	88	68	84	66	72	70	19	35	39	42	
Los Angeles	South El Monte	9	34.0	270	118.1	101	72	97	70	95	70	91	68	74	72	28	31	36	38	
Los Angeles	South Gate	8	33.9	120	118.2	97	70	90	69	88	69	84	67	72	70	21	32	37	39	
Los Angeles	South Pasadena	9	34.0	657	118.2	99	69	94	68	92	68	88	67	73	71	30	31	36	38	
Los Angeles	South San Gabriel	9	34.1	450	118.1	99	70	94	69	92	69	88	68	73	71	73	30	35	37	431
Los Angeles	South Whittier	9	33.9	300	118.0	100	70	92	69	90	69	84	68	73	71	30	31	36	38	
Los Angeles	Studio City	9	34.3	620	118.4	102	70	97	69	95	69	91	67	73	71	31	28	33	36	664
Los Angeles	Sunland	9	34.3	1460	118.3	107	71	102	70	100	70	96	68	74	72	36	28	33	36	

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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							
Los Angeles	Tarzana	6	34.2	800	118.6	104	71	99	69	97	69	93	68	74	71	27	27	32	35	664
Los Angeles	Tejon Rancho	16	35.0	1425	118.8	107	71	103	70	102	70	99	68	6974	6772	27	24	2929	2432	2602
Los Angeles	Temple City	9	34.1	403	118.1	101	70	95	69	93	69	89	68	73	71	27	30	35	37	
Los Angeles	Termeo	16	40.9	5300	120.5	95	60	92	59	91	59	87	57	7364	7462	37	-17	35-11	-374	
Los Angeles	Torrance	6	33.8	110	118.3	93	69	86	68	84	68	80	66	6771	6669	18	32	3437	3639	1859
Los Angeles	Tujunga	9	34.3	1820	118.3	103	70	99	69	98	69	94	67	6273	6071	36	20	-426	929	
Los Angeles	UCLA	9	34.1	430		93	69	86	68	84	68	80	66	71	69	20	39	3443	3446	1509
Los Angeles	Valinda	9	34.0	340	117.9	102	70	98	69	96	69	92	68	74	72	28	31	36	38	
Los Angeles	Valyermo RS	14	34.5	3600	117.9	100	67	96	66	95	66	91	65	70	68	41	12	3319	3624	3870
Los Angeles	Van Nuys	9	34.2	708	118.5	103	71	98	69	96	69	92	67	74	71	30	28	33	39	664
Los Angeles	View Park	6, 8	34.0	300	118.3	95	69	88	68	85	68	78	66	71	69	18	36	40	43	
Los Angeles	Vincent	14	34.5	3135	118.1	105	67	101	65	100	65	96	64	7271	7069	33	10	3718	4022	1455
Los Angeles	Walnut	9	34.0	550	117.9	101	70	97	69	96	69	92	69	74	72	30	28	33	35	
Los Angeles	Walnut Park	8	33.9	45	118.2	92	69	84	68	82	68	78	66	71	69	12	37	42	44	450
Los Angeles	West Athens	8	33.9	25		92	69	85	68	84	68	80	66	71	69	18	32	37	39	450
Los Angeles	West Carson	6	33.8	100		92	69	87	68	85	68	81	66	71	69	18	32	37	39	
Los Angeles	West Compton	8	33.9	71		97	69	90	68	88	68	83	67	72	70	21	33	37	39	450
Los Angeles	West Covina	9	34.0	365	117.9	102	70	98	69	96	69	92	68	74	72	34	29	34	36	
Los Angeles	West Hollywood	9	34.0	290	118.4	95	70	89	69	87	69	82	67	72	70	20	38	42	45	
Los Angeles	West Puente Valley	9	34.0	500	117.9	101	71	97	70	95	70	91	68	7373	7471	26	31	36	3939	
Los Angeles	West Whittier-Los Nietos	9	34.0	320	118.1	99	69	90	68	88	68	84	67	972	970	24	31	935	938	
Los Angeles	Westlake Village	9	34.2	750	118.8	103	71	99	70	98	70	94	69	73	71	26	26	30	33	
Los Angeles	Westmont	8	33.9	110		96	70	89	69	87	69	83	67	72	70	20	36	41	44	400
Los Angeles	Whittier	9	34.0	320	118.0	99	69	90	68	88	68	84	67	72	70	24	31	35	38	
Los Angeles	Willow Brook	8	33.9	60	118.2	97	70	90	69	88	69	83	67	72	70	21	35	39	42	
Los Angeles	Woodland Hills	9	34.2	944	118.6	104	71	99	70	97	70	93	68	74	72	32	26	31	34	664
Madera	Bonita	13	32.7	105	117.0	91	69	82	67	81	66	78	64	970	968	20	28	932	944	1864
Madera	Chowchilla	13	37.0	200	120.3	104	72	101	70	100	70	96	68	74	72	38	22	28	31	1250
Madera	Madera	13	37.0	268	120.1	105	72	101	70	100	70	96	68	6774	6572	40	24	3529	3732	2673

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						0.1%		0.5%		1.0%		2.0%		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							
Madera	Madera Acres	13	36.9	275		105	72	101	70	100	70	96	68	74	72	40	24	29	32	<u>1250</u>
Madera	North Fork RS	16	37.2	2630	119.5	98	66	95	65	94	64	92	62	7269	6967	36	15	3922	3326	
Marin	Corte Madera	2	37.9	55	122.5	97	68	91	66	89	66	84	64	7369	7468	34	28	2833	3435	
Marin	Fairfax	2	38.0	110	122.6	96	68	90	66	88	65	83	63	71	68	34	26	31	34	
Marin	Fort Baker	3	37.8	15	122.5	87	66	81	65	79	65	73	65	67	65	12	33	4938	2440	3080
Marin	Hamilton AFB	2	38.1	3	122.5	95	69	88	67	86	67	81	65	6573	6370	28	27	3730	3932	3311
Marin	Kentfield	2	38.0	120	122.6	97	66	91	65	89	65	84	63	6970	6768	35	27	2432	2635	3009
Marin	Larkspur	2	37.9	20	122.5	97	68	91	66	89	66	84	64	69	68	34	28	33	35	
Marin	Mill Valley	3	37.9	80	122.6	97	68	91	66	89	66	84	64	70	68	28	28	33	3635	3400
Marin	Novato	2	38.1	370	122.5	94	64	87	63	85	63	80	61	68	66	30	25	30	32	
Marin	San Anselmo	2	38.0	50	122.0	95	67	89	66	87	66	82	65	6670	6468	32	26	2531	2833	
Marin	San Rafael	2	38.0	40	122.6	96	67	90	65	88	65	83	63	7271	7068	29	30	3435	3437	2440
Marin	Tamalpais-Homestead Valley	3	37.9	25		97	68	91	66	89	66	84	64	970	968	28	28	933	935	874
Marin	Tiburon	3	37.9	90	122.5	85	66	80	65	78	65	73	63	67	65	12	30	34	36	
Mariposa	Catheys Valley	12	37.4	1000	120.1	102	69	99	68	98	68	94	67	7972	7870	38	21	3427	3430	
Mariposa	Dudleys	12	37.7	3000	120.1	97	65	94	64	93	64	90	62	7068	6866	44	10	2917	2232	4959
Mariposa	Yosemite Park Hq	16	37.7	3970		97	63	94	62	93	62	90	60	6967	6765	38	11	2818	3423	4785
Mendocino	Covelo	2	39.8	1385	123.3	99	67	93	65	91	65	87	63	7269	7067	43	15	2822	3426	4179
Mendocino	Fort Bragg	1	39.5	80	123.8	75	60	67	59	66	59	62	58	6462 7	6261 5	15	29	3344 3	4037 18	4424 4424 5590
Mendocino	Point Arena	1	38.9	100	123.7	76	62	72	60	71	60	67	58	7063	6861	19	29	2932	3234	4747
Mendocino	Potter Valley PH	2	39.4	1015	123.1	101	68	96	67	94	67	89	65	6570	6368	40	20	4626	2429	3276
Mendocino	Ukiah	2	39.2	623	123.2	100	70	97	69	96	69	92	68	7472	6971	42	22	4328	4631	2958
Mendocino	Willits	2	39.4	1350	123.3	95	66	89	65	87	64	82	62	7368	7466	38	18	2924	2327	
Merced	Atwater	12	37.3	150	120.6	102	72	99	70	98	69	94	67	74	72	38	24	30	34	
Merced	Castle AFB	12	37.4	188	120.6	105	71	101	70	100	70	96	69	7273	7071	33	24	3832 8	4431	2590
Merced	Le Grand	12	37.2	255	120.3	101	70	96	68	95	68	91	66	7472	6970	38	23	4928	4231	2696
Merced	Livingston	12	37.3	165	120.7	103	72	100	70	99	70	95	68	74	72	39	24	30	34	<u>1244</u>

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						0.1%		0.5%		1.0%		2.0%		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							
Merced	Los Banos	12	37.0	120	120.9	100	70	96	68	94	68	88	67	72	70	42	22	44 <u>28</u>	43 <u>31</u>	2616
Merced	Los Banos Res	12	37.0	407	120.9	101	70	97	68	95	68	89	67	72	70	42	23	29 <u>29</u>	31	
Merced	Merced AP	12	37.3	153	120.6	103	71	100	69	99	69	95	67	74 <u>73</u>	72 <u>71</u>	36	21	32 <u>27</u>	35 <u>30</u>	2653
Merced	San Luis Dam	12	37.1	277	121.1	97	68	91	66	90	66	86	64	66 <u>70</u>	64 <u>68</u>	32	25	25 <u>30</u>	28 <u>33</u>	
Merced	Volta PH	12	40.5	2220	120.9	101	66	98	65	97	65	93	63	72 <u>69</u>	70 <u>67</u>	33	21	35 <u>27</u>	37 <u>30</u>	
Merced	Winton	12	37.4	168	120.6	103	71	100	69	99	69	95	67	73	71	36	21	27	30	<u>1244</u>
Modoc	Adin RS	16	41.2	4195	121.0	96	61	92	60	91	60	88	59	70 <u>65</u>	68 <u>63</u>	43	-7	24 <u>2</u>	<u>274</u>	
Modoc	Alturas RS	16	41.5	4400	120.6	99	62	96	61	95	61	91	59	72 <u>65</u>	70 <u>63</u>	43	-10	37 <u>4</u>	<u>390</u>	6895
Modoc	Cedarville	16	41.5	4670	120.2	97	61	94	60	93	60	89	58	65	63	35	1	<u>206</u>	<u>2413</u>	6304
Modoc	Fort Bidwell	16	41.9	4498	120.1	93	60	90	59	89	59	85	57	67 <u>64</u>	65 <u>62</u>	38	-2	<u>383</u>	<u>4010</u>	6381
Modoc	Jess Valley	16	41.3	5300	120.3	92	59	89	58	88	58	84	56	73 <u>63</u>	74 <u>61</u>	35	-7	35 <u>2</u>	<u>374</u>	7045
Mono	Bodie	16	38.2	8370	119.0	83	50	80	49	79	49	76	48	62 <u>55</u>	60 <u>53</u>	42	-21	13 <u>16</u>	10 <u>13</u>	
Mono	Bridgeport	16	38.2	6470	119.2	89	56	86	54	85	54	82	53	74 <u>60</u>	68 <u>57</u>	41	-20	32 <u>15</u>	35 <u>12</u>	
Mono	Mono Lake	16	38.0	6450	119.2	91	58	88	57	87	57	84	55	74 <u>62</u>	69 <u>60</u>	32	4	<u>2212</u>	<u>2617</u>	6518
Mono	Twin Lakes	16	38.7	7829	119.1	73	49	64	47	62	47	57	46	73 <u>53</u>	74 <u>50</u>	30	-7	34 <u>2</u>	<u>344</u>	9196
Mono	White Mtn 1	16	37.5	10150		73	49	69	47	68	47	65	45	72 <u>53</u>	70 <u>50</u>	37	-15	30 <u>9</u>	33 <u>65</u>	
Mono	White Mtn 2	16	37.6	12470		61	42	58	41	57	41	54	40	53 <u>46</u>	50 <u>43</u>	38	-20	9 <u>15</u>	6 <u>12</u>	
Monterey	Camp Roberts	4	35.8	765	120.8	106	72	101	71	99	71	95	69	74 <u>74</u>	69 <u>72</u>	45	16	38 <u>24</u>	40 <u>27</u>	2890
Monterey	Carmel Valley	3	36.5	425	121.7	94	68	88	66	86	66	80	65	70 <u>69</u>	68 <u>67</u>	20	25	38 <u>30</u>	40 <u>33</u>	
Monterey	Carmel-by-the-Sea	3	36.5	20	121.9	87	65	78	62	76	62	71	61	66	63	20	30	35	38	<u>968</u>
Monterey	Castroville	3	36.8	20	121.8	86	66	77	63	75	63	70	61	67	64	18	32	37	40	<u>1151</u>
Monterey	Fort Ord	3	36.7	134	121.8	86	65	77	63	75	62	70	60	74 <u>67</u>	69 <u>64</u>	18	24	40 <u>29</u>	42 <u>32</u>	3818
Monterey	Greenfield	4	36.2	287	121.2	92	67	88	65	87	65	84	64	70	68	32	22	27	30	<u>1020</u>
Monterey	King City	4	36.2	320	121.1	94	67	90	65	89	65	85	64	74 <u>70</u>	72 <u>68</u>	36	20	34 <u>26</u>	34 <u>29</u>	2639
Monterey	Marina	3	36.7	20	121.8	86	66	77	63	75	63	70	61	67	64	18	32	37	40	
Monterey	Monterey AP	3	36.6	245	121.9	86	65	77	62	75	62	70	61	76 <u>62</u>	70 <u>63</u>	20	30	37 <u>35</u>	39 <u>38</u>	3556
Monterey	Monterey CO	3	36.6	345	121.9	87	65	78	62	76	62	71	61	72 <u>66</u>	70 <u>63</u>	20	32	37	39 <u>40</u>	3169
Monterey	Pacific Grove	3	36.7	114	122.0	87	66	78	63	76	63	71	61	67	64	19	31	35	37	
Monterey	Priest Valley	4	36.2	2300	120.7	97	66	93	65	92	65	88	63	73 <u>69</u>	74 <u>67</u>	34	13	33 <u>20</u>	35 <u>24</u>	4144

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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							
Monterey	Prunedale	3	36.6	260	121.7	86	66	83	65	82	64	79	62	68	66	20	26	31	34	1100
Monterey	Salinas 3 E	3	36.7	85	121.6	86	66	83	65	82	64	79	62	7368	7466	20	26	3531	3734	
Monterey	Salinas AP	3	36.7	69	121.6	85	67	82	65	81	64	78	62	69	66	20	28	33	35	2959
Monterey	San Antonio Mission	4	36.0	1060	117.7	99	69	94	68	92	68	88	67	6671	6469	28	19	25	28	
Monterey	Seaside	4	36.6	17	122.9	85	66	79	64	77	64	73	62	67	65	20	30	35	37	
Monterey	Soledad	3	36.4	200	121.3	90	67	87	65	86	65	82	64	70	67	23	24	29	32	1020
Napa	American Canyon	2	37.6	85	122.3	93	67	90	66	88	66	84	64	70	68	23	28	33	36	
Napa	Angwin	2	38.6	1815	122.4	98	66	93	64	92	64	88	62	7269	7066	33	25	3430	3433	
Napa	Berryessa Lake	2	38.6	480	122.1	102	70	98	69	96	69	92	67	72	70	35	26	31	34	
Napa	Duttons Landing	2	38.2	20	122.3	96	68	91	66	89	66	84	64	6870	6668	31	26	4731	2234	
Napa	Markley Cove	2	38.5	480	122.1	104	70	99	69	97	69	93	67	7472	6970	39	23	4232	4531	
Napa	Napa State Hospital	2	37.3	60	122.3	94	67	91	67	90	67	86	66	7071	6870	29	26	2831	3434	2749
Napa	Saint Helena	2	38.5	225	122.5	102	70	98	69	97	69	93	67	7372	7470	40	22	3528	3731	2878
Nevada	Boca	16	39.4	5575	120.1	92	58	89	57	88	57	84	55	8062	7860	46	-18	2913	3210	8340
Nevada	Deer Creek PH	16	39.3	4455	120.9	93	61	91	60	90	60	87	58	6465	6263	39	10	217	822	5863
Nevada	Grass Valley	11	39.2	2400	121.1	99	67	96	65	95	65	91	63	5968	5767	29	19	4425	4928	
Nevada	Lake Spaulding	16	39.3	5156	120.6	89	58	86	57	85	57	83	55	7262	7060	34	3	4711	2016	6447
Nevada	Nevada City	11	39.3	2600	121.0	97	66	94	64	92	64	88	63	7768	7566	41	14	3221	3525	4900
Nevada	Truckee RS	16	39.3	5995	120.2	90	58	87	57	86	57	82	55	7662	7360	40	-10	244	270	8230
Nevada/Placer	Donner Mem Stt Pk	16	39.3	5937	120.3	85	56	82	56	81	56	77	54	7260	7058	40	-3	293	326	
Orange	Aliso Viejo	8	33.6	50	117.7	91	69	83	68	81	68	76	66	71	69	18	30	33	36	
Orange	Anaheim	8	33.8	158	117.9	99	69	92	68	90	68	85	67	73	71	26	32	37	39	
Orange	Brea Dam	8	33.9	275	117.9	100	69	94	68	92	68	86	66	8473	7971	29	30	3034	3337	
Orange	Buena Park	8	33.9	75	118.0	98	69	92	68	90	68	85	67	72	70	25	31	35	38	
Orange	Costa Mesa	6	33.7	100	117.9	88	68	81	66	79	66	73	65	7370	7468	16	31	2836	3438	1482
Orange	Cypress	8	33.8	75	118.0	98	70	92	69	90	69	85	67	72	70	24	31	35	38	
Orange	Dana Point	6	33.5	100	117.7	91	69	84	68	82	68	78	66	71	69	13	30	33	36	600
Orange	El Toro MCAS	8	33.7	380	117.7	96	69	89	69	87	69	82	68	6973	6771	26	34	3538	3841	1591

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Orange	El Toro Station	8	33.7	380		96	69	89	69	87	69	82	68	73	71	26	34	38	41	560
Orange	Fountain Valley	6	33.7	60	118.0	97	70	90	68	88	68	84	67	72	70	18	33	38	40	
Orange	Fullerton	8	33.9	340	117.9	100	70	94	69	92	69	87	68	73	71	26	30	35	37	
Orange	Garden Grove	8	33.6	85	117.9	98	70	91	68	89	68	84	67	72	70	23	31	36	38	
Orange	Huntington Beach	6	33.7	40	117.8	91	69	83	67	81	67	76	66	71	69	14	34	38	41	
Orange	Irvine	8	33.7	50	118.0	96	69	88	68	86	68	82	67	72	70	27	33	37	40	
Orange	John Wayne AP	6	33.6	115		98	70	91	68	89	68	84	67	6372	6470	26	33	-237	439	1496
Orange	La Habra	9	33.9	305	118.0	100	69	94	68	92	68	87	67	72	70	27	30	35	37	
Orange	La Palma	8	33.9	75	118.0	98	69	92	68	90	68	85	67	72	70	25	31	35	38	
Orange	Laguna Beach	6	33.5	35	117.8	91	69	83	68	81	68	76	66	71	69	18	30	2933	3236	2222
Orange	Laguna Niguel	6	33.6	500	117.7	95	67	87	66	85	65	81	63	71	67	22	33	37	40	
Orange	Los Alamitos NAS	8	33.8	30	118.1	98	71	89	69	87	69	83	68	7473	7271	23	32	2737	3039	1740
Orange	Mission Viejo	8	33.6	350	118.0	95	67	87	66	85	65	81	63	71	67	22	33	37	40	
Orange	Newport Beach	6	33.6	10	117.9	87	68	80	66	78	66	72	65	7370	7468	12	34	2839	3441	1952
Orange	Orange	8	33.6	194	118.0	99	70	92	68	90	68	85	67	72	70	27	33	37	40	
Orange	Placentia	8	33.9	323	118.0	101	69	93	68	91	68	87	67	73	71	28	30	34	37	
Orange	Rancho Santa Margarita	8	33.6	116		95	67	87	66	85	65	81	63	71	6967	22	33	3837	4440	496
Orange	Rossmoor	8	33.8	20	118.1	92	67	85	64	83	64	79	62	71	69	19	32	37	39	
Orange	San Clemente	6	33.4	208	118.6	91	68	85	67	84	67	80	66	6671	6469	12	31	2535	2837	
Orange	Santa Ana FS	8	33.8	115	117.8	98	70	91	68	89	68	84	67	7972	6870	26	33	2935	3238	1430
Orange	Seal Beach	6	33.8	21	118.1	94	69	86	68	84	67	80	65	6971	6769	15	35	3240	3542	1519
Orange	South Laguna	6	33.6	100	117.7	91	69	83	68	82	68	78	66	71	69	18	30	33	36	586
Orange	Stanton	8	33.6	45	118.0	98	69	91	68	89	68	84	67	72	70	24	31	36	38	
Orange	Tustin Foothills	8	33.8	500		99	71	92	69	90	69	85	68	73	71	27	28	31	34	550
Orange	Tustin Irvine Rch	8	33.7	118	117.8	99	71	92	69	90	69	85	68	73	71	27	28	31	34	1856
Orange	Villa Park	8	33.8	300	117.8	99	70	92	68	90	68	85	67	72	70	27	33	37	40	550
Orange	Westminster	6	33.8	38	118.0	95	70	88	68	86	68	81	67	72	70	23	33	38	41	
Orange	Yorba Linda	8	33.9	350	117.8	102	70	94	69	92	69	88	68	6973	6771	31	30	2835	3437	1643
Placer	Auburn	11	38.9	1292	121.1	103	69	100	67	99	67	95	66	7472	69	33	25	2730	3033	3089

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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							
Placer	Blue Canyon AP	16	39.3	5280	120.7	88	60	85	59	84	59	81	57	7564	7362	20	13	3520	3824	5704
Placer	Bowman Dam	11	39.4	5347	120.7	89	59	86	57	85	57	82	55	6963	6760	26	9	3917	3322	5964
Placer	Colfax	11	39.1	2418	121.0	100	66	97	65	96	65	92	63	7469	7267	29	22	3328	3531	3424
Placer	Donner Summit	16	39.4	7239	120.3	80	53	77	53	76	52	72	50	6057	5855	40	-8	3-1	63	8290
Placer	Loomis	11	38.8	408	121.2	107	71	103	70	102	70	98	69	74	72	39	21	27	30	
Placer	North Auburn	11	38.9	1300		103	69	100	67	99	67	95	66	72	69	33	25	30	33	1518
Placer	Rocklin	11	38.8	239	121.2	108	72	104	70	103	70	99	69	74	72	39	20	3226	3529	3143
Placer	Roseville	11	38.7	160	121.2	105	71	102	70	100	70	96	68	74	71	36	24	30	34	
Placer	Squaw Valley	16	39.2	6235	120.2	88	57	85	56	84	56	80	54	7461	6959	40	-10	38-4	440	
Placer	Tahoe City	16	39.2	6230	120.1	84	56	81	55	80	55	76	53	7460	7258	36	2	347	3514	8085
Placer	Tahoe Valley AP	16	38.9	6254		85	56	82	55	81	55	77	53	60	58	38	-5	72	446	
Plumas	Canyon Dam	16	40.1	4555	121.1	93	60	90	59	89	59	85	57	7464	7362	39	1	496	2413	6834
Plumas	Chester	16	40.3	4525	121.2	94	62	91	61	90	61	86	59	7265	7063	33	-3	342	348	
Plumas	Portola	16	39.8	4850	120.5	92	63	89	61	88	61	84	59	7465	7263	48	-9	30-3	331	7111
Plumas	Quincy	16	39.9	3409	120.9	101	64	98	63	97	63	93	62	7268	7066	45	1	476	2013	5763
Plumas	Turntable Creek	16	40.8	1067		105	69	101	68	99	68	95	66	72	70	28	24	29	32	
Riverside	Banning	15	33.9	2349	116.9	104	69	100	68	99	68	96	67	73	71	34	20	26	30	
Riverside	Beaumont	10	33.9	2605	117.0	103	68	99	67	98	67	95	66	7472	7270	38	22	2827	30	2628
Riverside	Blythe AP	15	33.6	395	114.7	115	74	112	73	111	73	108	71	6480	6278	27	28	2933	2436	1219
Riverside	Blythe CO	15	33.6	268	114.6	115	74	112	73	111	73	108	71	80	78	27	24	3329	3632	1312
Riverside	Canyon Lake	10	33.8	1500	117.3	105	70	101	69	100	69	97	68	74	72	39	22	27	30	
Riverside	Cathedral City	15	33.8	400	116.5	117	74	113	73	112	73	109	72	79	78	33	26	31	34	374
Riverside	Coachella	15	33.7	-76	116.2	114	74	110	73	109	73	106	73	7480	7279	28	25	3330	3534	
Riverside	Corona	10	33.9	710	117.6	104	70	100	69	98	69	92	67	7374	7172	35	26	2831	3434	1794
Riverside	Desert Hot Springs	15	34.0	1060	116.5	115	73	111	72	110	72	107	71	78	77	35	24	29	32	400
Riverside	Eagle Mtn	14	33.8	973	115.5	113	72	110	71	109	71	105	69	7977	6875	24	32	3437	3439	1138
Riverside	East Hemet	10	33.7	1655		109	70	104	69	103	69	101	67	74	72	40	20	25	28	
Riverside	Elsinore	10	33.7	1285	117.3	105	71	101	70	100	70	98	69	6774	6572	39	22	2623	2729	2128
Riverside	Glen Avon	10	34.0	827	117.5	105	70	101	69	99	69	95	67	7274	6972	35	28	2833	3435	

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Riverside	Hayfield Pumps	14	33.7	1370	115.6	112	71	108	70	107	70	104	68	7477	6975	31	24	4929	4232	1529
Riverside	Hemet	10	33.7	1655	117.0	109	70	104	69	103	69	101	67	74	72	40	20	25	28	
Riverside	Home Gardens	10	33.9	678	117.5	104	70	100	69	98	69	92	67	74	72	35	26	31	34	
Riverside	Idyllwild	16	33.7	5397	116.7	93	62	89	61	88	61	84	60	6867	6665	35	9	2916	3221	
Riverside	Indio	15	33.7	11	116.3	115	75	112	75	111	75	107	74	6581	6379	30	24	4929	2432	1059
Riverside	La Quinta	15	33.8	400	116.3	116	74	112	73	111	73	108	72	79	78	34	26	32	34	332
Riverside	Lake Elsinore	10	33.7	1233	117.3	105	70	101	69	100	69	97	68	74	72	39	22	27	30	827
Riverside	Lakeland Village	10	33.6	1233	117.3	105	70	101	69	100	69	97	68	74	72	39	12	27	30	827
Riverside	March AFB	10	33.9	1511	117.3	103	70	99	68	98	67	94	65	6474	5971	34	23	230	833	2089
Riverside	Mecca FS	15	33.6	-180	116.1	115	75	111	75	110	75	107	74	6481	6079	30	24	3429	3332	1185
Riverside	Mira Loma	10	34.0	700	117.5	105	70	101	69	99	68	95	66	74	72	34	25	33	36	600
Riverside	Moreno Valley	10	33.9	1600	117.2	103	70	99	68	98	67	94	65	74	71	34	27	30	33	611
Riverside	Mount San Jacinto	16	33.8	8417	116.6	82	56	77	55	76	55	73	53	6361	6159	35	-1	-4	911	
Riverside	Norco	10	33.9	700	117.0	103	70	99	69	98	69	94	67	74	72	34	27	32	35	
Riverside	Palm Desert	15	33.7	200	116.5	116	74	112	73	111	73	108	72	79	78	34	26	32	34	
Riverside	Palm Desert Country	15	33.7	243		116	74	112	73	111	73	108	72	79	78	34	26	32	34	374
Riverside	Palm Springs	15	33.8	411	116.5	117	74	113	73	112	73	109	72	79	78	35	26	3231	34	1109
Riverside	Pedley	10	34.0	718	117.5	105	70	101	69	99	68	95	66	74	72	34	26	33	36	600
Riverside	Perris	10	33.8	1470	117.2	105	70	101	69	100	69	97	68	7074	6872	39	22	4427	4630	
Riverside	Rancho Mirage	15	33.8	248	116.4	117	74	113	73	112	73	109	72	79	78	33	26	31	34	374
Riverside	Riverside Exp Sta	10	34.0	986	117.4	106	71	102	69	101	69	97	67	75	72	36	29	3034	3336	
Riverside	Riverside FS 3	10	34.0	840	117.4	104	70	100	69	99	68	95	65	7574	72	37	27	3432	3635	1818
Riverside	Rubidoux	10	34.0	792	117.0	106	71	102	70	101	70	97	68	75	73	36	27	32	35	
Riverside	San Jacinto	10	33.8	1535	117.0	110	70	105	69	104	69	102	68	6675	6473	41	20	2526	2829	2376
Riverside	Sun City	10	33.7	1420	117.2	105	70	101	69	100	69	97	68	7374	7072	39	22	2927	3230	827
Riverside	Temecula	10	33.5	1006	117.2	101	69	96	68	95	68	91	67	73	71	34	24	29	32	
Riverside	Thermal AP	15	33.6	-112	116.1	114	74	110	74	109	74	106	74	6480	6279	29	26	-1131	-435	1154
Riverside	Valle Vista	10	33.8	1655	116.9	109	70	104	69	103	69	101	67	74	72	40	20	25	28	
Riverside	Wildomar	10	33.6	1255	117.3	103	70	99	69	98	69	94	68	74	72	36	23	28	30	8278 27

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Riverside	Woodcrest	10	33.9	1500	117.4	104	70	100	69	99	68	95	65	74	72	37	27	32	35	611
Sacramento	Arden	12	38.5	80		104	70	100	69	98	69	94	67	73	71	35	28	33	35	
Sacramento	Brannan Island	12	38.1	30	121.7	100	69	95	68	93	68	89	67	72	70	10	24	28	31	
Sacramento	Carmichael	12	38.6	100	121.5	104	70	100	69	98	69	94	68	73	71	35	25	35	37	1290
Sacramento	Citrus Heights	12	38.7	138	121.5	104	71	100	70	98	70	94	68	74	72	36	24	26	29	
Sacramento	Elk Grove	12	38.4	50	121.4	104	71	100	69	98	69	94	68	73	71	35	29	34	36	1150
Sacramento	Fair Oaks	12	38.7	50	121.3	104	70	100	69	98	69	94	69	72	71	36	23	29	33	
Sacramento	Florin	12	38.5	100	121.4	104	71	100	69	98	69	94	68	73	71	35	29	34	36	
Sacramento	Folsom Dam	12	38.7	350	121.2	104	70	101	69	99	69	95	67	7372	71	36	25	3431	3635	
Sacramento	Foothill Farms	12	38.6	90	121.3	104	71	100	70	98	70	94	68	73	71	36	24	30	34	
Sacramento	Galt	12	38.2	40	121.3	101	70	97	68	95	68	91	67	72	70	38	23	28	31	1240
Sacramento	La Riviera	12	38.6	190		104	71	100	70	98	70	94	68	73	71	32	30	35	37	1025
Sacramento	Mather AFB	12	38.6	96	121.3	104	71	100	70	98	70	94	68	7473	7271	35	28	3233	35	
Sacramento	McClellan AFB	12	38.7	86	121.4	105	71	102	70	100	70	96	68	7274	7071	35	23	3828	4421	2566
Sacramento	North Highlands	12	38.6	45	121.4	104	71	100	69	98	69	94	67	6973	6771	35	23	2228	2631	2566
Sacramento	Orangevale	12	38.7	140	121.2	105	72	102	70	100	70	96	68	74	71	36	24	30	34	
Sacramento	Parkway-South Sacramento	12	38.5	17		104	71	100	70	98	70	94	68	73	71	32	30	35	37	1150
Sacramento	Rancho Cordova	12	38.6	190	121.3	104	72	100	69	98	69	94	68	74	71	35	26	31	33	
Sacramento	Rio Linda	12	38.6	86	121.5	104	72	100	70	98	70	94	68	74	71	32	28	33	35	1290
Sacramento	Rosemont	12	38.3	190	121.4	104	71	100	70	98	70	94	68	73	71	32	30	35	37	1025
Sacramento	Sacramento AP	12	38.5	17	121.5	104	72	100	70	98	70	94	68	7574	7371	35	26	3231	3533	2843
Sacramento	Sacramento CO	12	38.6	84	121.5	104	71	100	70	98	70	94	68	7473	71	32	30	3435	3337	
Sacramento	Walnut Grove	12	38.2	23	121.5	102	70	98	69	96	69	92	68	7472	6971	37	24	2930	3432	
San Benito	Hollister	4	36.9	280	121.4	96	68	89	67	87	67	81	65	6870	6668	30	21	3527	3730	2725
San Benito	Idria	4	36.4	2650	120.7	97	66	92	65	91	64	87	62	7268	7466	27	24	3029	32	3128
San Bernardino	Mitchell Caverns	14	34.9	4350		102	64	98	63	97	63	94	61	7469	6767	29	21	3727	4030	
San Bernadino	Redlands	10	34.1	1318	117.2	106	70	102	69	101	69	98	67	7274	7072	34	27	3432	3435	1993
San Bernardino	Adelanto	14	34.6	2865	117.4	105	67	101	65	100	64	97	62	70	68	39	14	24	27	1654
San Bernardino	Apple Valley	14	34.5	2935	117.2	105	66	101	65	100	65	97	64	70	68	38	14	21	25	

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
San Bernardino	Baker	14	35.3	940	116.1	115	73	112	72	111	72	108	70	7477	7275	29	23	3628	3831	
San Bernardino	Balch PH	14	36.9	1720		100	67	97	66	96	66	93	64	7471	7269	26	26	31	3534	
San Bernardino	Barstow	14	34.9	2162	117.0	107	69	104	69	103	69	100	67	7374	7472	35	16	2623	2827	2580
San Bernardino	Big Bear Lake	16	34.2	6745	116.9	87	59	83	58	82	58	79	56	7064	6862	32	-3	253	287	6850
San Bernardino	Bloomington	10	34.0	980	117.4	106	71	102	70	101	70	98	69	75	73	34	30	35	38	
San Bernardino	Chino	10	34.0	714	117.7	104	70	100	69	98	69	94	68	7274	7072	35	27	3432	3435	
San Bernardino	Chino Hills	10	34.1	800	117.7	104	70	100	69	98	69	94	68	74	72	35	27	32	35	800
San Bernardino	Colton	10	34.1	978	117.3	105	70	102	68	101	68	97	67	74	72	35	28	33	3536	
San Bernardino	Crestline	16	34.2	4900	117.3	90	62	86	61	85	61	81	59	66	64	26	13	20	24	3200
San Bernardino	Cucamonga	10	34.1	1450	117.6	103	69	99	68	97	67	93	65	6673	6471	31	29	2034	2436	
San Bernardino	Daggett AP	14	34.9	1915	116.8	109	68	106	68	105	68	102	66	7273	7072	33	21	3526	3829	2203
San Bernardino	El Mirage	14	34.6	2910	117.6	105	69	101	68	100	68	97	66	72	7470	31	9	3016	3421	
San Bernardino	Fontana	10	34.1	1090	117.4	105	70	101	69	100	69	97	67	7274	7472	33	30	3435	3538	1530
San Bernardino	George AFB	14	34.6	2875	117.4	105	67	102	65	101	64	98	62	7470	6968	31	19	3723	3926	2887
San Bernardino	Grand Terrace	10	34.1	1000	117.3	105	70	102	68	101	68	97	67	74	72	35	28	33	36	611
San Bernardino	Hesperia	14	34.4	3191	117.3	105	67	101	65	100	65	97	63	70	68	38	14	21	25	1654
San Bernardino	Highland	10	34.1	1315	117.2	106	70	102	69	101	69	97	68	74	72	36	26	31	34	
San Bernardino	Lake Arrowhead	16	34.2	5205	117.2	90	62	86	61	85	61	81	59	7466	6764	26	13	3720	4024	5310
San Bernardino	Loma Linda	10	34.0	1150	117.5	106	70	103	69	102	69	99	67	74	72	36	27	32	35	
San Bernardino	Los Serranos	10	34.1	714	117.7	104	70	100	69	98	69	94	68	74	72	35	27	32	35	706
San Bernardino	Lucerne Valley	14	34.5	2957	117.0	105	67	101	66	100	66	98	64	6471	6269	38	12	3519	3724	
San Bernardino	Mentone	10	34.1	1700	117.1	106	70	102	69	101	69	98	67	74	72	34	27	32	35	741
San Bernardino	Montclair	10	34.0	1220	117.0	104	69	100	68	98	68	94	66	73	71	35	28	33	35	
San Bernardino	Mount Baldy Notch	16	34.3	7735	117.6	80	58	76	57	75	56	71	54	61	59	32	4	10	14	
San Bernardino	Mountain Pass	14	35.5	4730	115.5	100	65	96	64	95	64	92	63	6668	6466	29	11	2218	2623	
San Bernardino	Muscoy	10	34.2	1400	117.3	105	71	101	69	100	68	96	66	75	72	37	26	31	34	614
San Bernardino	Needles AP	15	34.8	913	114.6	117	73	114	72	113	72	110	71	7477	6975	26	27	4032	4235	1391
San Bernardino	Ontario AP	10	34.0	934	117.0	105	70	101	69	99	68	95	66	74	72	34	26	3233	3536	1710
San Bernardino	Parker Res	15	34.3	738	114.2	115	74	112	73	111	73	108	72	7279	7077	26	32	37	40	1223

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
San Bernardino	Pinnacles NM	14	36.5	1307	121.2	98	68	94	67	93	66	89	64	70	68	45	20	3326	3629	2956
San Bernardino	Rialto	10	34.1	1254	117.0	105	70	101	69	100	68	96	66	74	72	35	28	33	35	
San Bernardino	San Bernardino	10	34.1	1125	117.3	106	70	102	69	101	69	98	68	6675	6472	39	27	2531	2833	1777
San Bernardino	Squirrel Inn	14	34.2	5680	117.2	86	61	82	60	81	60	77	58	65	63	23	12	18	22	5175
San Bernardino	Trona	14	35.8	1695	117.4	113	72	109	70	108	70	105	68	6876	6673	35	18	24	2827	2415
San Bernardino	Twentynine Palms	14	34.1	1975	116.1	110	71	107	70	106	70	103	69	7376	7174	31	21	3426	3429	1973
San Bernardino	Upland	10	34.1	1605	117.7	102	69	98	68	96	68	92	66	6973	6771	31	29	3034	3336	2175
San Bernardino	Victorville Pumps	14	34.5	2858		105	67	101	65	100	64	97	62	70	68	39	14	3424	3627	3191
San Bernardino	Yucaipa	10	34.0	2600	117.0	106	68	102	67	101	67	98	65	73	71	35	27	32	35	
San Bernardino	Yucca Valley	14	34.2	2600	116.4	108	71	105	70	104	70	101	69	75	73	32	19	24	27	862
San Bernardino/Kern	China Lake	14	35.7	2220	117.7	112	70	108	68	107	68	104	68	7274	7072	33	15	3422	3425	2560
San Diego	Alpine	10	32.8	1735	116.8	99	69	95	68	94	68	91	67	7472	6970	35	27	4032	4235	
San Diego	Barrett Dam	10	32.7	1623	116.7	103	69	97	68	96	68	92	67	73	71	35	22	26	3028	2656
San Diego	Borrego Desert PK	15	33.2	805	116.4	112	76	107	74	105	74	101	72	7379	7177	36	25	2330	2633	
San Diego	Bostonia	10	32.8	600	116.9	96	70	91	69	88	69	81	67	72	70	30	29	34	36	
San Diego	Cabrillo NM	7	32.7	410	117.2	89	69	84	68	83	68	80	67	71	69	12	39	43	45	
San Diego	Camp Pendleton	10	33.4	50	117.4	88	69	85	68	84	68	80	67	71	69	12	34	38	40	
San Diego	Campo	14	32.6	2630	116.5	101	67	95	66	94	66	90	66	71	6869	41	16	3323	3627	3303
San Diego	Cardiff-by-the-Sea	7	33.0	80	117.3	87	68	83	67	81	67	77	65	70	68	12	35	39	41	
San Diego	Carlsbad	7	33.2	44	117.4	87	68	83	67	81	67	77	65	70	68	10	34	38	40	
San Diego	Casa de Oro-Mount Helix	10	32.7	530		96	71	88	69	87	69	84	67	7472	6970	19	34	38	4041	404
San Diego	Chula Vista	7	32.6	9	117.1	90	70	84	68	83	68	79	66	7471	7269	9	33	2838	3440	2072
San Diego	Coronado	7	32.7	20	117.2	89	69	82	67	80	67	76	65	7370	7168	10	36	2839	3441	1500
San Diego	Cuyamaca	7	33.0	4650	116.6	92	64	85	62	84	61	81	59	7267	7065	29	11	2018	2423	4848
San Diego	El Cajon	10	32.7	525	117.0	96	70	91	69	90	69	87	67	72	70	30	29	34	36	
San Diego	El Capitan Dam	14	32.9	600	116.8	105	71	98	70	97	70	93	68	7274	7072	35	29	34	36	1533
San Diego	Encinitas	7	33.0	50	117.3	87	68	83	67	81	67	77	65	70	68	10	35	39	41	
San Diego	Escondido	10	33.1	660	117.1	97	69	90	68	88	68	84	67	72	70	29	26	31	34	2005

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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 Diego	Fallbrook	10	33.6	660	117.3	94	68	89	67	88	67	85	66	7071	6869	29	26	4831	2334	2077
San Diego	Fort MacArthur	7	33.7	200	118.3	92	69	84	68	82	68	78	66	6771	6669	13	35	4340	4842	1819
San Diego	Grossmont	7	32.7	530	117.0	96	69	89	68	88	68	84	66	71	69	23	31	36	38	
San Diego	Henshaw Dam	10	33.2	2700		99	68	94	67	93	67	90	66	7471	7269	38	15	2522	2826	3708
San Diego	Imperial Beach	7	32.5	23	117.1	87	69	82	68	81	68	78	67	8471	7969	10	35	3439	3441	1839
San Diego	Julian Wynola	14	33.1	3650	116.8	96	66	91	64	90	64	87	62	7269	7067	39	20	3724	3926	4049
San Diego	La Mesa	7	32.8	530	117.0	94	70	88	69	87	69	84	67	72	70	23	34	3539	3741	1567
San Diego	Lakeside	10	32.8	690	117.0	95	69	90	68	89	68	86	66	72	70	20	26	31	34	
San Diego	Lemon Grove	7	32.7	437	117.2	96	71	88	69	87	69	84	67	72	70	19	34	38	41	
San Diego	Miramar AFS	7	32.9	477	117.1	97	69	91	68	90	68	86	67	7472	7270	22	32	3336	3638	1532
San Diego	National City	7	32.7	34	117.0	87	70	82	68	81	68	78	66	71	69	10	36	40	42	
San Diego	Oceanside	7	33.2	10	117.4	84	69	80	67	78	67	74	65	6770	6668	10	33	3734	3739	
San Diego	Otay-Castle Pk	7	32.6	500	117.0	87	68	81	66	79	65	74	63	69	67	10	33	38	40	
San Diego	Palomar Obsy	14	33.4	5545	116.9	90	62	85	61	84	61	80	59	6866	6664	22	16	3420	3423	4141
San Diego	Pendleton MCB	7	33.3	63	117.3	92	68	87	67	85	67	81	66	7471	7269	22	34	3339	3641	1532
San Diego	Pendleton MCB Coast	7	33.2	24	117.4	84	69	80	67	79	67	75	65	7470	6968	10	39	3944	4146	1782
San Diego	Poway Valley	10	33.0	500	117.0	100	70	94	69	93	69	89	68	73	71	26	29	33	35	
San Diego	Ramona Spaulding	10	33.1	1480	116.8	103	70	97	69	96	69	92	68	6873	6671	40	22	628	4331	
San Diego	Rancho Bernardo	10	33.0	500	117.1	96	69	91	68	89	68	85	67	72	70	26	29	34	36	
San Diego	Rancho San Diego	10	32.8	300		94	69	86	68	85	68	82	66	71	69	30	34	38	41	404
San Diego	San Diego AP	7	32.7	13	117.2	88	70	83	69	82	69	78	68	6672	6704	13	38	2542	2844	1507
San Diego	San Marcos	10	33.1	567	117.2	97	69	98	68	94	68	84	67	72	70	29	26	31	34	662
San Diego	Santee	10	32.8	400	117.0	96	69	91	68	90	68	87	67	72	70	20	25	30	33	
San Diego	Solana Beach	7	33.0	15	117.3	87	68	83	67	81	67	77	65	70	68	10	35	39	41	
San Diego	Spring Valley	10	32.7	300	117.0	94	69	86	68	85	68	82	66	71	69	30	34	38	41	
San Diego	Vista	7	33.2	510	117.2	96	69	90	68	89	68	85	67	7372	7270	16	30	3035	3337	
San Diego	Warner Springs	14	33.3	3180	116.6	100	67	95	66	94	66	91	65	71	69	40	15	4222	4426	3591
San Francisco	San Francisco AP	3	37.6	8	122.4	89	66	83	64	80	63	74	61	6667	6464	20	31	2535	2838	3042
San Francisco	San Francisco CO	3	37.8	52	122.4	84	65	79	63	77	62	71	60	66	6463	14	38	2541	2844	3080

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						0.1%		0.5%		1.0%		2.0%		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 Joaquin	Calaveras Big Trees	12	38.3	4696	120.3	92	61	88	60	87	60	84	58	7364	7462	33	11	3918	3323	5848
San Joaquin	Country Club	12	37.8	600		102	69	97	68	96	68	92	66	72	70	30	68	28	31	<u>977</u>
San Joaquin	Garden Acres	12	38.0	20		103	71	98	69	97	69	93	67	73	71	35	24	28	30	<u>1334</u>
San Joaquin	Lathrop	12	37.8	22	121.3	103	71	98	69	97	69	93	67	73	71	35	24	28	30	<u>1300</u>
San Joaquin	Lincoln Village	12	38.0	12	121.3	101	70	96	68	95	68	91	67	72	70	37	24	28	30	<u>1334</u>
San Joaquin	Lodi	12	38.1	40	121.3	101	70	97	68	95	68	91	67	6972	5870	38	23	<u>428</u>	<u>731</u>	2859
San Joaquin	Manteca	12	37.8	34	121.2	102	70	97	68	95	68	91	67	<u>7472</u>	<u>6970</u>	37	24	<u>4229</u>	<u>4532</u>	
San Joaquin	Ripon	12	37.7	61	121.1	102	70	97	68	95	68	91	67	72	70	37	23	30	33	<u>1240</u>
San Joaquin	Stockton AP	12	37.9	22	121.3	103	71	98	69	97	69	93	67	7273	7071	35	24	3628	3830	2806
San Joaquin	Stockton FS 4	12	38.0	12	121.3	101	70	96	68	95	68	91	67	7372	7470	37	24	28	30	2846
San Joaquin	Tracy Carbona	12	37.7	140		102	70	97	68	95	68	90	67	<u>7472</u>	<u>6970</u>	38	24	3729	3932	2704
San Joaquin	Tracy Pumps	12	37.8	61		104	71	99	69	97	69	92	68	7273	7170	39	23	2928	3231	
San Luis Obispo	Arroyo Grande	5	35.1	105	120.6	92	66	86	64	84	64	79	62	67	65	18	28	32	35	
San Luis Obispo	Atascadero	4	35.5	837	120.7	94	66	89	67	88	67	84	65	70	68	42	25	29	32	
San Luis Obispo	Baywood-Los Osos	5	35.3	100		88	65	82	64	80	64	76	62	67	65	14	31	36	38	
San Luis Obispo	Cambria AFS	5	35.5	690	121.1	78	62	72	61	70	61	66	59	7464	6962	16	30	3235	3538	3646
San Luis Obispo	El Paso de Robles	4	35.6	721		102	65	95	65	94	65	90	65	69	67	44	16	20	23	<u>1768</u>
San Luis Obispo	Grover City	5	35.1	100		93	69	86	64	84	64	80	62	67	65	18	30	34	37	
San Luis Obispo	Morro Bay FD	5	35.4	115	120.9	88	65	82	64	80	64	76	62	7467	6965	14	31	3436	3438	
San Luis Obispo	Nacimiento Dam	4	35.8	770	120.9	100	68	94	66	92	66	88	64	7570	7268	35	22	3423	3431	
San Luis Obispo	Nipomo	5	35.0	330	120.5	90	66	83	64	82	63	78	61	67	65	23	25	31	33	<u>1035</u>
San Luis Obispo	Oceano	5	35.1	20	120.6	93	69	86	64	84	64	80	62	67	65	18	30	34	37	<u>795</u>
San Luis Obispo	Paso Robles AP	4	35.7	815	120.7	104	66	97	66	96	66	92	65	7370	7468	40	19	3723	4026	2973
San Luis Obispo	Paso Robles CO	4	35.6	700	120.7	102	65	95	65	94	65	90	65	7069	6867	44	16	2320	2623	2885
San Luis Obispo	Pismo Beach	5	35.1	80	120.6	92	66	85	64	84	64	80	62	6967	6765	16	30	3534	3837	2756
San Luis Obispo	Point Piedras Blancas	5	35.7	59	121.3	73	60	67	59	65	59	61	57	7062	6860	10	36	3741	3943	3841
San Luis Obispo	San Luis Obispo	5	35.3	320	120.7	94	63	87	63	85	63	81	62	6667	6465	26	30	2533	2835	2498
San Luis Obispo	Twitchell Dam	5	35.0	582	120.3	99	70	93	68	92	68	88	66	5371	5069	26	26	-231	<u>434</u>	
San Mateo	Atherton	3	37.5	50	122.2	90	66	84	64	82	64	78	62	68	66	27	23	29	33	

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
San Mateo	Belmont	3	37.5	33	122.3	90	66	84	64	82	64	78	62	68	66	24	29	34	36	
San Mateo	Burlingame	3	37.6	10	122.4	88	67	82	64	80	64	76	63	68	65	20	30	35	37	
San Mateo	Daly City	3	37.6	410	122.5	84	65	78	62	77	62	73	61	66	63	16	34	37	39	
San Mateo	East Palo Alto	3	37.5	25	122.1	93	66	85	64	83	64	77	62	68	66	25	26	31	34	1103
San Mateo	Foster City	3	37.5	20	122.7	92	67	84	65	82	65	76	63	68	66	22	29	34	36	
San Mateo	Half Moon Bay	3	37.5	60	122.4	83	64	76	62	74	61	69	59	6865	6663	15	32	2237	2639	3843
San Mateo	Hillsborough	3	37.6	352	122.3	90	66	82	65	80	65	74	64	68	66	23	30	35	37	
San Mateo	Menlo Park	3	37.4	65	122.3	94	67	86	65	84	65	78	63	69	67	25	27	32	934	
San Mateo	Millbrae	3	37.6	10	122.4	90	66	82	63	80	63	74	61	7067	6865	24	30	3335	3537	
San Mateo	Pacifica	3	37.6	13	122.0	87	65	79	62	77	62	71	60	66	64	16	31	35	37	
San Mateo	Redwood City	3	37.5	31	122.2	90	67	86	66	85	66	81	64	7469	6967	28	28	4233	4435	2599
San Mateo	San Bruno	3	37.7	20	122.4	86	66	80	64	78	64	73	62	6667	6465	23	30	2535	2838	3042
San Mateo	San Carlos	3	37.5	26	122.3	92	67	88	65	86	65	82	63	6668	6466	28	28	2533	2835	
San Mateo	San Gregorio 2 SE	3	37.3	275		87	66	81	63	79	63	74	61	6668	6465	30	27	2532	2835	
San Mateo	San Mateo	3	37.5	21	122.3	92	67	84	65	82	65	76	63	7268	7066	24	31	3436	3438	2655
San Mateo	South San Francisco	3	37.7	10	122.4	87	67	81	64	78	64	72	62	68	65	20	32	36	38	
San Mateo	Woodside	3	37.5	75	122.3	92	67	84	66	82	65	76	63	69	67	24	22	28	31	
Santa Barbara	Cachuma Lake	5	34.6	781	120.0	97	69	92	67	91	67	87	65	7470	6968	19	26	4331	4534	
Santa Barbara	Carpinteria	6	34.4	385	119.5	90	69	83	67	81	67	77	65	70	68	15	30	34	37	
Santa Barbara	Cuyama	4	34.9	2255	116.6	99	68	96	67	94	67	89	66	7072	6870	42	13	3320	3624	
Santa Barbara	Guadalupe	5	35.0	85	120.6	92	66	86	64	84	64	79	62	67	65	18	28	32	35	1035
Santa Barbara	Isla Vista	6	34.5	40	119.9	90	69	83	67	81	67	77	65	70	68	20	33	38	40	
Santa Barbara	Lompoc	5	34.9	95	120.5	84	63	77	62	76	62	72	60	7465	6963	18	26	3831	4034	2888
Santa Barbara	Point Arguello	5	34.6	76	120.7	75	64	71	63	69	62	65	59	6365	6463	17	29	32	3435	3826
Santa Barbara	Santa Barbara AP	6	34.4	9	119.8	90	69	83	67	81	67	77	65	70	68	20	29	2934	3236	2487
Santa Barbara	Santa Barbara CO	6	34.4	5	119.7	91	69	84	67	82	67	78	65	70	68	22	33	2938	3240	1994
Santa Barbara	Santa Maria AP	5	34.9	236	120.5	90	66	83	64	82	63	78	61	7467	7265	23	25	3531	3733	3053
Santa Barbara	Vandenburg AFB	5	34.7	368	122.8	85	62	77	61	75	61	71	60	7464	7462	16	30	3335	3937	3451
Santa Clara	Almaden AFS	3	37.2	3470	121.9	95	62	90	60	89	60	85	59	7464	6962	20	20	3325	3629	4468

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						0.1%		0.5%		1.0%		2.0%		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							
Santa Clara	Alum Rock	4	37.4	70	121.8	95	68	90	66	88	66	84	64	70	68	22	28	33	36	
Santa Clara	Campbell	4	37.3	195	121.8	93	69	88	66	87	66	83	65	71	68	30	28	33	36	
Santa Clara	Cupertino	4	37.3	70	122.0	96	68	88	67	86	66	80	64	70	68	30	28	33	36	
Santa Clara	Gilroy	4	37.0	194	121.6	101	70	93	68	91	67	86	65	7372	7469	25	23	2928	3231	
Santa Clara	Los Altos	4	37.3	163	122.0	96	68	88	65	86	64	80	62	70	68	26	28	33	35	
Santa Clara	Los Altos Hills	4	37.3	183	122.1	93	67	85	64	83	64	77	63	68	66	25	28	33	35	<u>1103</u>
Santa Clara	Los Gatos	4	37.2	365	122.0	98	69	90	67	88	67	82	66	7271	7069	32	26	2931	3434	2741
Santa Clara	Milpitas	4	37.4	15	121.9	94	68	87	65	85	65	79	63	70	67	27	27	32	35	
Santa Clara	Moffett Field NAS	4	37.4	39	122.1	89	68	84	66	82	66	78	64	7570	7268	23	30	3034	3336	2511
Santa Clara	Morgan Hill	4	37.1	350	120.0	100	69	92	68	90	68	85	66	71	69	25	26	31	34	
Santa Clara	Mount Hamilton	4	37.3	4206	121.7	95	59	88	58	86	58	81	56	7063	6861	18	18	3224	3527	4724
Santa Clara	Mountain View	4	37.5	95	121.9	93	67	85	64	83	64	77	62	68	66	25	28	33	35	
Santa Clara	Palo Alto	4	37.5	25	122.1	93	66	85	64	83	64	77	62	7468	6966	25	26	2431	2534	2891
Santa Clara	San Jose	4	37.4	67	121.9	94	68	86	66	84	66	78	64	6670	6468	26	29	2534	2836	2438
Santa Clara	Santa Clara Univ	4	37.4	88	121.9	90	67	87	65	86	65	82	63	7069	6867	30	29	2934	3236	2566
Santa Clara	Saratoga	4	37.3	500	122.0	96	67	88	66	86	66	80	65	70	68	31	27	32	35	
Santa Clara	Stanford	4	37.5	23		93	66	85	64	83	64	77	62	68	66	25	26	31	34	<u>1103</u>
Santa Clara	Sunnyvale	4	37.3	97	122.0	96	68	88	66	86	66	80	64	7470	7268	26	29	3334	3636	2511
Santa Cruz	Aptos	3	37.0	500	121.9	94	67	88	66	87	65	83	63	69	67	30	27	32	35	
Santa Cruz	Ben Lomond	3	37.1	450	122.1	92	67	85	66	83	65	79	63	6869	6667	30	25	3430	3633	
Santa Cruz	Boulder Creek	3	37.2	493	122.1	92	67	85	65	83	65	79	63	69	67	30	25	30	33	<u>1120</u>
Santa Cruz	Capitola	3	37.0	64	122.0	94	67	88	66	86	65	81	63	69	67	24	27	32	35	
Santa Cruz	Felton	3	37.0	100	122.1	94	68	88	66	86	66	81	64	69	67	28	27	32	35	<u>1097</u>
Santa Cruz	Freedom	3	37.0	1495	121.8	89	67	85	64	83	64	79	62	68	65	22	27	32	34	
Santa Cruz	Opal Cliffs	3	37.0	125	122.0	94	68	88	66	86	66	81	64	69	67	28	27	32	35	<u>1097</u>
Santa Cruz	Rio Del Mar	3	37.0	50	121.9	94	67	88	66	87	65	83	63	69	67	30	27	32	35	<u>1097</u>
Santa Cruz	Santa Cruz	3	37.0	125	122.0	94	68	88	66	86	66	81	64	7469	7267	28	27	3532	3735	3136
Santa Cruz	Scotts Valley	3	37.0	400	122.0	94	68	88	66	86	66	81	64	69	67	28	27	32	35	<u>1097</u>
Santa Cruz	Soquel	3	37.0	50	122.0	94	67	88	66	86	65	81	63	69	67	24	27	32	35	<u>1097</u>

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						DB	MCWB	DB	MCWB	DB	MCWB	DB	MCWB							
Santa Cruz	Watsonville	3	36.9	95	121.8	86	66	82	64	81	63	79	61	7468	7265	22	28	2833	3435	3418
Shasta	Anderson	11	40.5	430	122.3	107	71	103	70	101	70	97	68	72	70	30	26	31	34	
Shasta	Burney	16	40.9	3127	121.7	95	64	92	63	91	63	88	61	6867	65	42	0	355	3712	6404
Shasta	Enterprise	11	40.6	470	122.3	107	69	103	68	101	68	97	67	72	70	29	26	31	34	
Shasta	Hat Creek PH 1	16	40.9	3015	121.6	99	65	96	64	95	64	91	62	6968	6766	48	2	247	2717	5689
Shasta	Iron Mtn	11	34.1	922	115.1	116	75	112	74	111	74	108	73	6980	6778	26	29	3034	3336	1251
Shasta	Manzanita Lake	16	40.5	5850	121.6	87	58	84	57	83	57	79	55	7261	7059	34	-3	292	328	7617
Shasta	Platina	11	40.4	2260	122.9	96	65	92	64	91	63	87	61	6967	6765	36	13	2820	3424	
Shasta	Redding FS 4	11	40.6	470	122.4	107	69	103	68	101	68	97	67	7372	7170	30	26	2931	3434	2544
Shasta	Shasta Dam	16	40.7	1076	122.4	105	69	101	68	99	68	95	67	7472	7270	27	29	2934	3236	2943
Shasta	Whiskeytown Res	11	40.6	1295	122.6	105	69	101	68	100	68	96	67	72	70	31	25	4430	4433	
Sierra	Downieville RS	16	39.6	2895	120.8	98	64	95	63	94	63	90	61	7368	7466	42	13	3720	3924	
Sierra	Sierra City	16	39.6	4230	120.1	96	62	93	61	92	61	89	59	7466	7464	43	12	3419	3724	
Sierra	Sierraville RS	16	39.6	4975	120.4	94	60	91	59	90	59	86	57	7364	7462	44	-10	37-4	390	6893
Siskiyou	Callahan	16	41.3	3185	122.8	97	63	93	62	92	62	88	60	7266	7064	35	7	4715	2220	
Siskiyou	Cecilville	16	41.1	3000	123.1	95	63	89	62	88	61	84	59	7265	7063	44	13	2720	3024	
Siskiyou	Fort Jones RS	16	41.6	2725	122.9	98	64	93	63	92	63	88	61	6267	6465	44	5	3413	3718	5590
Siskiyou	Happy Camp RS	16	41.8	1150	123.4	103	67	97	66	96	66	92	65	7369	7467	41	18	2824	3427	4263
Siskiyou	Hilt	16	42.0	2900	122.6	97	64	93	62	92	62	89	60	6866	6664	39	5	3513	3718	
Siskiyou	Lava Beds	16	41.7	4770	121.5	93	59	89	58	88	58	84	56	7363	7461	41	-1	284	3011	
Siskiyou	McCloud	16	41.3	3300	122.1	96	63	93	62	91	62	87	60	7466	7464	42	5	2813	3418	5990
Siskiyou	Montague	16	41.8	2648	122.5	99	66	95	65	94	65	90	63	7369	7467	39	3	3811	4416	5474
Siskiyou	Mount Hebron RS	16	41.8	4250	122.0	92	60	88	59	86	59	82	57	63	61	42	-10	24-4	270	
Siskiyou	Mount Shasta	16	41.3	3535	122.3	93	62	89	61	88	61	84	59	6465	6963	34	8	415	4420	5890
Siskiyou	Sawyer's Bar RS	16	41.3	2169		100	66	95	65	93	64	88	62	6768	6666	38	14	3421	3625	4102
Siskiyou	Tulelake	16	42.0	4035	121.5	92	60	88	59	87	59	83	57	7463	7261	41	-5	300	346	6854
Siskiyou	Weed FD	16	41.4	3590	122.4	92	63	89	62	88	61	84	59	6965	6763	35	4	4712	2217	
Siskiyou	Yreka	16	41.7	2625	122.6	99	66	95	65	94	65	90	64	6769	6667	39	8	4815	2320	5395
Solano	Benicia	12	38.1	55	122.1	99	69	93	67	91	67	87	65	70	68	30	28	33	36	

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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							
Solano	Dixon	12	38.4	100	121.9	104	72	99	70	97	70	93	68	7474	6871	36	24	3230	3533	2826
Solano	Fairfield FS	12	38.3	38	122.0	103	69	98	68	96	68	91	66	7473	6871	34	24	3430	3433	2686
Solano	Gillespie Field	12	32.8	385		98	71	91	70	89	70	85	68	6973	5871	30	24	4329	4832 ±	
Solano	Monticello Dam	2	38.5	505	122.1	105	71	100	70	98	70	94	68	73	7471 ±	39	26	31	34	
Solano	Suisun City	12	38.2	72	122.0	103	71	98	69	96	68	91	66	73	70	35	24	29	32	1299
Solano	Vacaville	12	38.4	105	122.0	103	71	100	70	98	70	94	68	6973	6771	40	23	3328	3531	2788
Solano	Vallejo	3	38.1	85	122.3	93	67	90	66	88	66	84	64	70	68	23	28	33	36	
Sonoma	Boyes Hot Sprgs	2	38.2	300	122.5	100	70	95	69	93	69	89	67	6372	6070	40	22	4728	2231	1289
Sonoma	Cloverdale	2	38.8	320	123.0	102	70	97	69	95	68	89	66	7472	6870	37	26	3231	3534	2763
Sonoma	Cotati	2	38.3	100	122.7	99	69	94	68	93	68	89	66	71	69	32	24	28	30	1205
Sonoma	Fort Ross	1	38.5	116	123.3	79	63	74	62	71	61	65	59	6764	6462	19	30	2935	3237	4127
Sonoma	Graton	2	38.4	200	122.9	95	68	91	67	88	66	82	64	6970	6768	34	22	2528	2831	3409
Sonoma	Healdsburg	2	38.6	102	122.9	102	69	95	68	94	68	90	66	6871	6669	37	26	31	34	2572
Sonoma	Larksfeld-Wikiup	2	38.5	170		99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Sonoma	Lucas Vly-Marinwood	2	38.3	20		79	63	74	62	71	61	65	59	64	62	12	30	35	37	874
Sonoma	Petaluma FS 2	2	38.2	16	122.6	98	69	92	67	90	67	85	66	7472	7269	31	24	2729	3032	2959
Sonoma	Rohnert Park	2	38.4	106	122.6	99	69	96	68	95	68	92	66	71	69	33	24	27	29	
Sonoma	Roseland	2	38.4	167	122.7	99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Sonoma	Santa Rosa	2	38.5	167	122.8	99	69	96	68	95	68	92	66	7371	7469	35	24	3327	3529	2980
Sonoma	Sausalito	3	37.9	10		85	66	80	65	78	65	73	63	67	65	12	30	34	36	
Sonoma	Sebastapol	2	38.4	102		99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Sonoma	Sonoma	2	38.3	70	122.5	101	70	96	69	94	69	90	67	7072	6770	40	22	2928	3231	2998
Sonoma	Travis AFB	12	38.3	72	121.9	103	71	98	69	96	68	91	66	73	7470	35	24	2829	3432	2725
Sonoma	Windsor	2	38.5	130		99	69	96	68	95	68	92	66	71	69	35	24	27	29	1249
Stanislaus	Ceres	12	37.6	90	121.0	101	72	96	70	94	69	90	67	6574	6372	36	24	630	4334	
Stanislaus	Crows Landing	12	37.4	140	121.1	101	70	96	68	94	68	89	66	6672	6470	33	23	2928	2431	2767
Stanislaus	Denair	12	37.6	137	120.8	100	70	95	69	93	69	89	67	7472	7270	38	22	2528	2831	2974
Stanislaus	Knights Ferry	12	37.8	315	120.6	103	70	99	68	98	68	94	67	6473	6471	37	19	3425	3328	

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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							
																		36	38	
Stanislaus	Modesto	12	37.6	91	121.0	102	73	99	70	98	70	95	68	6975	6772	36	25	2730	3033	2671
Stanislaus	Newman	12	37.3	90	121.1	104	71	99	69	97	69	93	67	73	71	38	22	3328	3631	
Stanislaus	Oakdale	12	37.8	215	120.9	102	71	99	69	97	69	93	67	73	71	37	22	28	32	
Stanislaus	Patterson	12	37.4	97	121.1	101	72	96	70	94	69	90	67	74	72	36	24	30	34	<u>1240</u>
Stanislaus	Riverbank	12	37.7	133	120.9	102	73	99	70	98	70	95	68	75	72	36	25	30	33	<u>1240</u>
Stanislaus	Turlock	12	37.5	100	120.9	104	72	100	70	99	70	95	68	74	72	40	24	30	34	
Sutter	Live Oak	11	39.2	75	121.7	105	70	102	69	101	69	97	69	73	71	36	24	29	32	<u>1160</u>
Sutter	South Yuba City	11	39.1	59		105	69	101	69	100	69	96	68	72	71	36	24	29	32	<u>1160</u>
Sutter	Yuba City	11	39.1	70	121.6	105	69	101	69	100	69	96	68	72	71	36	24	29	32	
Tehama	Corning	11	39.9	487	122.2	106	71	103	70	102	69	98	67	73	71	33	23	28	31	<u>1330</u>
Tehama	Mill Creek	16	35.1	2940	117.0	102	67	97	66	96	66	94	65	70	68	28	28	33	36	
Tehama	Mineral	16	40.4	4911	121.6	90	60	87	59	86	59	82	57	7063	6761	38	2	327	3514	7257
Tehama	Red Bluff AP	11	40.2	342	122.3	107	70	104	69	102	68	98	66	7073	6871	31	24	2529	2831	2688
Trinity	Big Bar RS	16	40.8	1260	121.8	102	68	98	67	97	67	93	65	7470	6968	46	19	4325	4628	
Trinity	Forest Glen	16	40.4	2340	123.3	96	65	92	64	91	64	88	62	7367	7465	42	12	3019	3424	
Trinity	Salyer RS	16	40.9	623	123.6	102	69	95	67	93	66	87	64	6670	6468	33	22	2528	2831	
Trinity	Trinity Dam	16	40.8	2500	122.8	99	65	94	64	92	64	88	62	7368	7066	37	17	2924	3228	
Trinity	Weaverville RS	16	40.7	2050	122.9	100	67	95	66	93	65	89	63	6869	6667	46	10	3317	3522	4992
Tulare	Ash Mtn	13	36.5	1708	118.8	105	69	101	68	100	68	97	66	7472	7270	30	25	2931	3233	2703
Tulare	Dinuba	13	36.5	340	119.4	104	73	101	70	100	70	96	69	75	73	36	24	30	34	
Tulare	Earlimart	13	35.8	283	119.3	106	71	102	70	101	70	98	69	74	72	36	23	26	29	<u>1100</u>
Tulare	East Porterville	13	36.1	393		106	71	102	70	101	70	97	69	74	72	36	25	30	33	<u>1129</u>
Tulare	Exeter	13	36.3	350	119.1	104	72	101	71	100	71	97	69	74	72	39	24	29	32	<u>1236</u> <u>9</u>
Tulare	Fairview	16	35.9	3519	118.5	97	67	94	66	93	66	90	64	70	68	43	11	18	23	
Tulare	Farmersville	13	36.3	350	119.2	104	72	101	72	100	71	97	69	74	72	39	24	29	32	<u>1236</u>
Tulare	Giant Forest	16	36.6	6412	118.8	84	56	81	55	80	55	77	53	6860	6658	26	5	2413	2718	
Tulare	Grant Grove	16	36.7	6600	119.0	82	56	78	55	77	54	74	52	7459	7257	26	6	3314	3619	7044
Tulare	Lemoncove	13	36.4	513	119.0	105	72	102	70	101	70	98	68	72	70	38	25	38	41	2513

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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	Lindsay	13	36.2	395	119.1	105	72	101	71	100	71	97	69	74	72	40	24	3229	3532	2634
Tulare	Orosi	13	36.5	400	119.3	104	73	101	70	100	70	96	69	75	73	36	24	30	34	<u>1130</u>
Tulare	Porterville	13	36.1	393	119.0	106	71	102	70	101	70	97	69	7074	6872	36	25	3730	3933	2456
Tulare	Posey 3 E	13	35.8	4960	119.0	89	62	86	61	85	61	82	59	65	63	26	9	-316	421	
Tulare	Three Rivers PH 1	13	36.5	1140	118.9	105	70	102	69	101	69	98	67	7273	7071	38	24	3230	3532	2642
Tulare	Tulare	13	36.2	290	119.4	105	72	101	71	100	71	96	69	7374	7172	39	24	2630	2934	
Tulare	Visalia	13	36.3	325	119.3	103	71	100	70	99	70	96	69	7473	6972	38	25	4830	2233	2459
Tulare	Woodlake	13	36.3	500	119.1	103	71	100	70	99	70	96	69	73	72	38	25	30	33	<u>1130</u>
Tuolumne	Hetch Hetchy	16	38.0	3870	119.8	93	62	89	61	88	61	85	59	7065	6863	32	14	21	25	4816
Tuolumne	Cherry Valley Dam	10	38.0	4765	119.9	96	62	92	61	91	61	88	59	7265	7063	32	9	3416	3421	
Tuolumne	Sonora RS	12	38.0	1749	120.4	103	68	100	67	99	67	95	66	72	70	34	20	2826	3429	3537
Tuolumne	South Entr Yosemite	16	37.5	5120	119.6	92	61	88	60	87	60	84	59	7464	7262	36	8	3615	3820	5789
Tuolumne	Strawberry Valley	16	39.6	3808		96	63	93	62	92	62	88	60	7266	7064	32	14	2721	3025	5120
Ventura	Camarillo	6	34.2	147	119.2	91	69	84	68	82	68	78	67	71	69	22	28	32	35	
Ventura	Dry Canyon Res	16	34.5	1455	118.5	105	71	100	69	99	69	96	68	6674	6472	32	24	529	4232	
Ventura	El Rio	6	34.3	50	119.2	95	69	88	68	86	68	82	66	71	69	20	30	34	37	
Ventura	Fillmore	9	34.4	435	118.9	100	70	94	69	92	69	87	67	73	71	30	28	32	35	
Ventura	Ojai	9	34.5	750	119.3	102	71	97	69	95	69	91	68	7073	6871	38	25	3729	3932	2145
Ventura	Oxnard AFB	6	34.2	49	119.2	94	69	86	68	84	68	79	67	6971	6769	21	30	3834	4037	2068
Ventura	Point Mugu	6	34.1	14	119.1	88	68	81	67	79	67	75	66	6570	6368	15	33	3237	3539	2328
Ventura	Port Hueneme	6	34.2	13	119.0	88	68	81	67	79	67	75	66	7470	6968	15	33	3337	3639	2334
Ventura	San Nicholas Island	6	33.2	504	119.5	85	66	78	65	76	65	70	64	7269	7067	11	39	3443	3445	2454
Ventura	Santa Paula	9	34.4	263	119.1	101	71	94	70	92	70	87	68	6973	6771	28	28	4433	4635	2030
Ventura	Simi Valley	9	34.4	500	118.8	98	70	93	68	91	68	87	66	73	71	30	28	33	35	
Ventura	Thousand Oaks	9	34.2	810	118.8	98	69	93	68	92	68	88	67	72	70	30	27	32	35	
Ventura	Ventura	6	34.3	341	119.3	89	68	82	67	80	67	76	66	70	68	15	29	34	36	
Yolo	Broderick-Bryte	12	38.6	20	121.5	104	71	100	69	98	69	94	67	72	71	36	25	31	35	
Yolo	Brooks Ranch	12	38.8	294	122.2	104	71	99	70	97	70	93	68	7273	71	35	19	3425	3528	2968
Yolo	Clarksburg	12	38.4	14	121.5	102	70	97	69	95	69	91	67	7472	7270	35	24	2629	2932	2971

County	City	Climate Zone	Latitude	Elevation (ft)	Longitude	Cooling								Heating						
						0.1%		0.5%		1.0%		2.0%		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							
Yolo	Davis	12	38.5	60	121.8	103	72	99	70	97	70	93	68	7274	7071	41	24	2830	3434	2844
Yolo	West Sacramento	12	38.6	19	121.5	104	72	100	70	98	70	94	68	74	71	35	26	31	33	<u>1290</u>
Yolo	Winters	12	38.5	135	122.0	104	71	99	70	97	70	93	68	7473	6971	38	24	2729	2932	2593
Yolo	Woodland	12	38.7	69	121.8	106	72	101	71	100	71	96	69	7374	72	40	25	30	33	2708
Yuba	Beale AFB	11	39.1	113	121.4	105	71	102	70	101	70	97	68	6774	6672	34	25	3628	3830	2835
Yuba	Dobbins	11	39.4	1640	121.2	104	70	101	68	100	68	96	67	7472	7470	31	24	3029	3332	
Yuba	Linda	11	39.0	60	121.6	105	72	102	70	101	70	97	68	74	72	30	27	32	35	<u>1160</u>
Yuba	Marysville	11	39.2	60	121.6	105	72	102	70	101	70	97	68	7474	6972	36	27	3332	35	2552
Yuba	Olivehurst	11	39.0	64	121.6	105	72	102	70	101	70	97	68	74	72	36	27	32	35	<u>1160</u>

***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

H.42.3 23-WYEC2 Climate/Weather Data Format

The ASCII versions of the WYEC2 weather files consist of 8760 identical fixed format records, one for each hour of a 365-day year. Each record is 116 characters in length and is organized according to the format shown in Table H2-4, which follows.

The WYEC2 format is derived from the NOAA TD-9734 Typical Meteorological Year (TMY) format in that WYEC2 uses the same field encoding and units as TMY. However, it should be noted that **all WYEC2 values are for Local Standard Time**. That is, WYEC2 data should be read sequentially and used with no conversion (except any required unit conversions). This is in marked contrast to the TMY files which contain solar data for Apparent Solar Time and meteorological data for Local Standard Time.

Irradiance and illuminance fields contain data integrated over the hour, meteorological fields contain observations made at the end of the hour. For example, hour 12 contains irradiance/illuminance integrated from 11-12 and meteorological observations made at 12.

Table H2-4 – WYEC DATA FORMAT

Field Number	Data Positions	Flag Position (see notes)	Data Element and Description
001	001-005	--	WBAN station identification number - Unique number to identify each station - California compliance files contain 00001 - 00016 in this field to indicate the climate zone
002	006-006	--	File source code - W = WYEC - T = TMY - C = California Compliance
003	007-014	--	Time, Yr Mo Day Hr (2 chars each) - Yr omits the "19" and indicates the source year for the data, i.e., 00 = 1900, 99 = 1999. Data within a single WYEC2 file may have been observed in more than one year. - Mo is 1 to 12. - Day is 1 to month length (28, 30, or 31). - Hr is 1 to 24.
101	015-018	--	Extraterrestrial irradiance, kJ/m² - Amount of solar energy received at top of atmosphere during solar hour ending at time indicated in field 003, based on solar constant of 1367 kJ/m ² . - Nighttime values are shown as 0.
102	019-022	023-024	Global horizontal irradiance, kJ/m² - Total of direct and diffuse radiant energy received on a horizontal surface by a pyranometer during the hour ending at the time indicated in field 003.
103	025-028	029-030	Direct normal irradiance, kJ/m² - Portion of the radiant energy received at the pyrheliometer directly from the sun during the hour ending at the time indicated in field 003.
104	031-034	035-036	Diffuse horizontal irradiance, kJ/m² - Amount of radiant energy in kJ/m ² received at the instrument indirectly from the sky during the hour ending at the time indicated in field 003.
105	037-040	041	Global horizontal illuminance, lux * 100
106	042-045	046	Direct normal illuminance, lux * 100
107	047-050	051	Diffuse horizontal illuminance, lux * 100
108	052-055	056	Zenith luminance, Cd/m² * 100
110	057-058	059	Minutes of sunshine, 0 - 60 minutes

Field Number	Data Positions	Flag Position (see notes)	Data Element and Description
201	060-063	064	<p>Ceiling Height, m * 10</p> <p>- Ceiling is defined as opaque sky cover of 0.6 or greater. 0000 - 3000 = 0 to 30,000 m 7777 = unlimited; clear 8888 = unknown height of cirroform ceiling</p>
202	065-068	069	<p>Sky Condition</p> <p>- All observations assumed to be made after 1 June 1951 ("indicator" at position 77 in TMY is omitted). - Coded by layer in ascending order; four layers are described; if less than 4 layers are present the remaining positions are coded 0. The code for each layer is: 0 = Clear of less than 0.1 cover 1 = Thin scattered (0.1 - 0.5 cover) 2 = Opaque scattered (0.1 - 0.5 cover) 3 = Thin broken (0.6 - 0.9 cover) 4 = Opaque broken (0.6 - 0.9 cover) 5 = Thin overcast (1.0 cover) 6 = Opaque overcast (1.0 cover) 7 = Obscuration 8 = Partial obscuration</p>
203	070-073	074	<p>Visibility, m * 100</p> <p>- Prevailing horizontal visibility. 0000-1600 = 0 to 160 kilometers 8888 = unlimited</p>
204	075-082	083	<p>Weather</p> <p>- Eight single digit codes as follows:</p>
204 (cont.)	075		<p>Occurrence of thunderstorm, tornado or squall.</p> <p>0 = None 1 = Thunderstorm - lightning and thunder. Wind gusts less than 50 knots, and hail, if any, less than 3/4 inch diameter. 2 = Heavy or severe thunderstorm - frequent intense lightning and thunder. Wind gusts 50 knots or greater and hail, if any, 3/4 inch or greater diameter. 3 = Report of tornado or waterspout. 4 = Squall (sudden increase of wind speed by at least 16 knots, reach 22 knots or more and lasting for at least one minute).</p>
204 (cont.)	076		<p>Occurrence of rain, rain showers or freezing rain:</p> <p>0 = None 1 = Light rain 2 = Moderate rain 3 = Heavy rain 4 = Light rain showers 5 = Moderate rain showers 6 = Heavy rain showers 7 = Light freezing rain 8 = Moderate or heavy freezing rain</p>
204 (cont.)	077		<p>Occurrence of drizzle, freezing drizzle:</p> <p>0 = None 1 = Light drizzle 2 = Moderate drizzle 3 = Heavy drizzle 4 = Light freezing drizzle 5 = Moderate freezing drizzle 6 = Heavy freezing drizzle</p>

Field Number	Data Positions	Flag Position (see notes)	Data Element and Description
204 (cont.)	078		<p>Occurrence of snow, snow pellets or ice crystals:</p> <p>0 = None 1 = Light snow 2 = Moderate snow 3 = Heavy snow 4 = Light snow pellets 5 = Moderate snow pellets 6 = Heavy snow pellets 7 = Light ice crystals 8 = Moderate ice crystals</p> <p>Beginning April 1963 intensities of ice crystals were discontinued. All occurrences since this date are recorded as an 8.</p>
204 (cont.)	079		<p>Occurrence of snow showers or snow grains:</p> <p>0 = None 1 = Light snow showers 2 = Moderate snow showers 3 = Heavy snow showers 4 = Light snow grains 5 = Moderate snow grains 6 = Heavy snow grains</p> <p>Beginning April 1963 intensities of snow grains were discontinued. All occurrences since this date are recorded as a 5.</p>
204 (cont.)	080		<p>Occurrence of sleet (ice pellets), sleet showers or hail:</p> <p>0 = None 1 = Light sleet or sleet showers (ice pellets) 2 = Moderate sleet or sleet showers (ice pellets) 3 = Heavy sleet or sleet showers (ice pellets) 4 = Light hail 5 = Moderate hail 6 = Heavy hail 7 = Light small hail 8 = Moderate or heavy small hail</p> <p>Prior to April 1970 ice pellets were coded as sleet. Beginning April 1970 sleet and small hail were redefined as ice pellets and are coded as a 1, 2, or 3 in this position. Beginning September 1956 intensities of hail were no longer reported and all occurrences were recorded as a 5.</p>
204 (cont.)	081		<p>Occurrence of fog, blowing dust or blowing sand:</p> <p>0 = None 1 = Fog 2 = Ice Fog 3 = Ground Fog 4 = Blowing dust 5 = Blowing sand</p> <p>These values recorded only when visibility less than 7 miles.</p>
204 (cont.)	082		<p>Occurrence of smoke, haze, dust, blowing snow or blowing spray:</p> <p>0 = None 1 = Smoke 2 = Haze 3 = Smoke and haze 4 = Dust 5 = Blowing snow 6 = Blowing spray</p> <p>These values recorded only when visibility less than 7 miles.</p>

Field Number	Data Positions	Flag Position (see notes)	Data Element and Description
205	084-088	089	Station pressure, kilopascals (kPa) * 100 Pressure at station level 08000 - 10999 = 80 to 109.99 kPa.
206	090-093	094	Dry bulb temperature, °C * 10 -700 to 0600 = -70.0 to +60.0 °C
207	095-098	099	Dew point, °C * 10 -700 to 0600 = -70.0 to +60.0 °C
208	100-102	103	Wind direction, 0 - 359 degrees 0 = north Note TMY range is 0-360, WYEC2 has recoded 360 as 0.
209	104-107	108	Wind speed, m/s * 10 0 - 1500 = 0 to 150.0 m/s. Wind speed and wind direction both 0 indicates calm.
210	109-110	111	Total Sky Cover, 0 - 10 in tenths Amount of celestial dome in tenths covered by clouds or obscuring phenomena.
211	112-113	114	Opaque Sky Cover, 0 - 10 in tenths Amount of celestial dome in tenths covered by clouds or obscuration through which the sky and/or higher cloud layers cannot be seen.
212	115-115	116	Snow Cover 0 = no snow or a trace of snow 1 = indicates more than a trace of snow on the ground

Notes for Table 2-4 – WYEC DATA FORMAT:

- Total file size (including CRLFs) = 118 x 8,760 = 1,033,680 characters.
- Flag characters indicate the source of the associated value and, in the case of solar fields, optionally give information about the quality of the value.

Some fields have no flag, others have 1 or 2 character flags as follows:

Field	Flag Type/Comment
001 – 003	None (record identification fields)
101	None (calculated extraterrestrial irradiance is always present)
102 – 1042	Character (irradiance values)
105 – 2121	Character (all remaining fields)

One character flags are alphabetic (with the exception of 9 for missing) and are defined as follows:

(blank) Value was observed (that is, not derived with a model and not altered.)

- A Value has been algorithmically adjusted (e.g., dry bulb temperatures were shifted to match long term means).
- E Value was missing and has been replaced by a hand estimate.
- F Value was bad and has been replaced by a hand estimate.
- I Value was missing and has been replaced with one derived by interpolation from neighboring observations.
- J Value was bad and has been replaced with one derived by interpolation from neighboring observations.
- M Value was missing and has been replaced with one derived with a model (model used depends on element).

- N Value was bad and has been replaced with one derived with a model (model used depends on element).
- P Value violated a physical limit and has been replaced by that limit.
- Q Value is derived from other values (e.g., illuminance data which were not observed).
- 9 Value is missing; data positions contain 9s as well.

Two character flags (on irradiance fields 102, 103, and 104) are *either*:

- A 1 Character flag (as defined above) followed by a blank, or
- A 2 Character numeric value in the range 00 to 99 and are defined in *SERI Standard Broadband Format 2*, as follows:
 - 00 Element is untested (original data)
 - 01-03 Element passed tests on physical limits, model limits (for tolerances less than 3%), and reasonable coupling to other parameters (for tolerances less than 3%).
 - 04 Element passed hand/eye tests.
 - 05 Element failed hand/eye tests and has not been corrected.
 - 06 Element was missing and has not been replaced with an estimate.
 - 07 Element's value is lower than a physical limit.
 - 08 Element's value is higher than a physical limit.
 - 09 Element's value is inconsistent with other components (e.g. direct not consistent with global)
 - 10-93 Element exceeded the 3% tolerance in one of four ways. The following error types are defined:
 - 0 = too low by 3-parameter coupling
 - 1 = too high by 3-parameter coupling
 - 2 = too low by 2D boundary comparison
 - 3 = too high by 2D boundary comparison

The flags in this range are constructed in such a way that both the percentage of error and the type of error are encoded in the two digit flag. To create the flag, one multiplies the percentage of disagreement by 4, subtract 2, and add the error type. The percentage of error should be truncated - only the integer part is used.

The particular error is determined by the remainder of $\text{MOD}(\text{IQC}=2 / 4)$, where "MOD0 is a mathematical function representing the remainder of the quantity $(\text{IQC}+2)/4$ and "IQC" is the two digit flag number. The percentage error is determined by

$$\text{IPCT} = \text{Int}((\text{IQC} + 2) / 4)$$

IPCT = 23 indicates an error greater than 23%.

$$94-97 \text{ KN} = \text{KT} + \text{ERR}$$

FLAG	ERR
94	5% ETR <= ERR <10% ETR
95	10% ETR <= ERR <15% ETR
96	15% ETR <= ERR < 20% ETR
97	20% ETR <= ERR
99	Element is missing or null.

It should be noted that the 2 character numeric flags are appropriate for encoding the results of quality control processing of archival solar data. The 1 character alphabetic flags are appropriate for "best estimate" data sets

in which any questionable values have been replaced. Most WYEC2 files used for engineering purposes will fall into the latter category and will thus use the alphabetic flags on solar fields.

3. Missing elements are 9 filled: all data and flag positions contain 9s.

4. Conversion factors relevant to WYEC2 use:

To convert from	To	Multiply By
kJ/m ²	Btu/ft ²	0.08807
m/s * 10	mph	0.2273
kPa	in. Hg.	0.002953
m * 10	ft	32.808
m * 100 miles	miles	0.06214

H.5.2.4 Climate/Weather Data Adjustments for Local Conditions

Note: This section is related to nonresidential buildings only.

This appendix section describes the official procedure used by the California Energy Commission to adjust the Title 24 climate zone data for the sixteen (16) climate zones to match the ASHRAE design day conditions for a specific city.¹ Computer software available from the California Energy Commission takes weather data from one of the sixteen climate zones and uses ASHRAE design data for a specific city within that climate zone to create weather data in the format required by the DOE-2 building simulation program.² The generated weather data has the latitude, longitude, elevation and air properties of a particular city instead of the climate zone's designated weather station indicated in Table D-3. This procedure only modifies the weather data on the climate zone data file to match a city's design conditions for the days which fall within the ASHRAE summer and winter design day percentage levels. However, the entire data set is adjusted to reflect the city's elevation. This city-specific data into DOE-2 allows the program's Heating Ventilation and Air-Conditioning (HVAC) sizing procedures to use design conditions closer to the simulated building's actual location. This section outlines the procedure used to incorporate a city's design day data into an hourly climate zone data set.

H.5.2.4.1 Background

The California Energy Commission, in developing and implementing the Title 24 building energy efficiency standards, has defined sixteen zones that encompass the diversity of California's climatic regions. Each climate zone's hourly weather data set has been derived, predominantly, from a single weather station. Past work sponsored by the Commission modified these data sets to reflect the weather conditions of specific geographic areas within certain climate zones where high levels of building construction were anticipated. This modified Title 24 climate zone data, however, does not represent the particular climatic conditions of any individual city or a specific building site but rather the climate zone as a whole. The weather adjustments described below are intended to increase a compliance program's ability to properly size and simulate HVAC systems.

H.5.2.4.2 Reference Year

The 1991 calendar year must be used as the basis for the frequency and timing of the occurrence of holidays, Saturdays and Sundays. The reference method observes the holidays listed in Section 2.3.3.3 of the Nonresidential ACM. This is a fixed compliance input that must be the same for both the standard and proposed designs. The reference method uses CECREV2 hourly data in WYEC format for the sixteen climate zones. Weather data is available in DOE compressed format for the reference computer simulation program along with programs to produce weather data from these files customized to the design weather data for each city in California. The weather data is also available in archived ASCII format for all 8760 hours for each of the 16 climate zones.

H.5.3.2.4.3 Definitions

CITY	One of the California cities listed in ASHRAE's CLIMATIC DATA FOR REGION X
TAPE	Hourly data which describes the regional weather patterns for one of the 16 California climate zones
RH	Relative Humidity (%)
DB	Dry Bulb temperature (°F)
WB	Wet Bulb temperature (°F)
P	Pressure (psia)
MIN	Minimum Daily Dry Bulb Temperature (°F)

MAX	Maximum Daily Dry Bulb Temperature (°F)
AVG	Average Daily Dry Bulb Temperature (°F) =MAX - MIN) / 2
RANGE	Daily Dry Bulb Temperature Range (°F) = (MAX - MIN)
RH RATIO	The Daily Ratio of RH _{MAX} for the CITY to RH _{MAX} for the TAPE
ODR	Outdoor Daily Range (°F) as defined by ASHRAE: the difference between the average maximum and average minimum temperature for the warmest month
F	An hourly temperature function derived from the TAPE = (DB _{HR} - AVG) / RANGE

H.5.42.4.4 Methodology

First, the climate zone design conditions as specified by ASHRAE are computed from the TAPE. The maximum DB is also found off the TAPE. The CITY maximum DB is computed as:

$$CITY_{\max DB} = TAPE_{\max DB} * CITY_{0.1\% DB} / TAPE_{0.1\% DB} \quad [1]$$

The psychrometric equations are used to derive RH for the TAPE design conditions³. The atmospheric pressure is adjusted for the CITY elevation, then RH is computed for the CITY design conditions. The form of equation [1] is used to derive the CITY maximum RH, using the TAPE maximum RH and the RH values computed for the TAPE and the CITY at the 0.1% DB conditions.

For each day of the year the following steps are completed:

1. MAX, Min, AVG, RAGE, WB_{MAX} and RH_{MAX} are determined for the TAPE,
2. A mapping procedure, delineated in Figure 1, is used to find RH_{MAX} for the CITY from the CITY RH design values, the TAPE DB design values and MAX for the TAPE,
3. RH_{MAX} and RH RATIO are determined for the CITY. The RH RATIO is set to 1 for all days with MAX less than the CITY 2.0% maximum DB, which equates the RH of the CITY to the RH of the TAPE for all non-design days,
4. MAX and MIN for the CITY are computed using mapping procedures similar to that illustrated in Figure 1, from the CITY DB design conditions, the TAPE DB design conditions and MAX/MIN for the TAPE,
5. MAX and MIN for the CITY are corrected for the CITY elevation⁴,
6. RANGE is calculated for the CITY. RANGE is adjusted by the ratio of the ODR for the CITY to the ODR of the TAPE if MAX is greater then the CITY 2.0% maximum DB,
7. AVG for the CITY is calculated in one of three ways:
 - (a) AVG = MAX -5.0* RANGE,
if MAX > CITY 2.0% maximum DB, or
 - (b) AVG = MIN + 0.5* RANGE,
if MIN < CITY 0.6% minimum DB, or
 - (c) AVG = (MAX + MIN) / 2.

Once the daily CITY statistics are computed, they can be applied to the hourly TAPE to generate an hourly CITY weather data set. For each hour of the year, the following steps are completed.

1. F is calculated from the Tape,

2. P is corrected for CITY elevation,
3. RH is calculated for the TAPE,
4. RH for the CITY is derived by applying the RH RATIO to the RH for the TAPE,
5. DB for the CITY is computed: $DB = AVG + F * RANGE$,
6. WB is calculated using the new values for RH, DB and P for the CITY.

Upon completion of all weather adjustments the resulting data set is converted to the binary format required by the DOE-2 simulation program.

H.5.52.4.5 Results

An example of the hourly weather adjustments from a TAPE to a CITY is displayed in figure 2. Four summer days are extracted from both the climate zone 16 data (Mt. Shasta) and the city-specific data (Tahoe City). The first day plotted falls below the design day threshold; the next three days plotted are design days. The figure depicts the expected downshift of hourly temperatures from Mt. Shasta (maximum DB = 96°F) to Tahoe City (maximum DB = 87°F).

H.5.62.4.6 Software Package

To obtain the software used to adjust DOE-2 files to local design conditions for 641 California cities that is described in this section, write to:

Local Weather Software
Energy Efficiency and Demand Analysis Division
California Energy Commission
1516 Ninth St., MS-28
Sacramento, Ca 95814-5512

NOTES for SECTION H.2.54

1. ASHRAE Publication SPCDX, CLIMATIC DATA FOR REGION X: ARIZONA, CALIFORNIA, HAWAII, NEVADA, defines a city's design day conditions as the ambient dry bulb and wet bulb temperatures which are percentage levels of hours on an annual basis: Summer values are presented for the 0.1%, 0.5% and 2.0% of the annual maximum dry bulb temperature; Winter values are presented for the median, the 0.2% and 0.6% of the annual minimum dry bulb temperature. This publication lists design day data for 641 California cities.
2. The computer software described herein produces two output files. The first file is the hourly weather data in binary DOE-2 format. To produce this file staff has incorporated a program created by Jeff Hirsch (James J. Hirsch and Associates) which converts an ASCII data file into the packed DOE-2 file format. This file is compatible with the DOE-2 program compiled and distributed by James J. Hirsch and Associates as well as several other PC versions of DOE-2. The second file produced is an ASCII file that contains building location data as well as specific design data required by the CEC's nonresidential Alternative Calculation Method (ACM) procedures.
3. The mathematical equations which describe the thermodynamic properties of moist air are published in the ASHRAE HANDBOOK FUNDAMENTALS Volume, PSYCHROMETRICS Chapter. The relative humidity (RH) which corresponds to specific dry bulb and wet bulb temperatures is derived by these principles of psychrometrics throughout this weather adjustment procedure.
4. Elevation adjustments to dry bulb temperature and pressure are made using the standard atmospheric data published in the ASHRAE FUNDAMENTALS Volume, PSYCHROMETRIC Chapter.