

Typical Last Average Spring Frost Dates in California

Averages are exactly that - Averages ! This means that the dates can vary by a week or two either way. These dates have been researched and should give you a good idea of last average frost dates. Our Garden Guide, using the date you send to us, will help determine dates for both cool and warm season plantings. Happy Gardening! - Jim & Kate

| | |
|-----------------------------|------|
| Adin RS | 6/27 |
| Alpine | 3/9 |
| Alturas | 7/17 |
| Angwin Pac Union Col | 5/9 |
| Antioch Pump Plant #3 | 3/15 |
| Ash Mountain | 4/9 |
| Auberry | 4/23 |
| Auburn | 4/5 |
| Bakersfield Kern CO Airport | 3/1 |
| Balch Power House | 4/9 |
| Beaumont 1 E | 4/15 |
| Berkeley | 1/8 |
| Big Bar 4 E | 5/15 |
| Big Bear Lake | 6/26 |
| Bishop Airport | 5/24 |
| Blue Canyon | 5/29 |
| Blythe | 2/18 |
| Blythe Airport | 2/6 |
| Boca | 7/27 |
| Bodie | 7/29 |
| Borrego Desert Park | 2/20 |
| Bowman Dam | 6/9 |
| Brawley 2 SW | 2/15 |
| Bridgeport | 7/21 |
| Burbank Valley Pump Plant | 2/27 |
| Burney | 7/10 |
| Buttonwillow | 3/20 |
| Cachuma Lake | 3/31 |
| Calaveras Big Trees | 6/10 |
| Calistoga | 5/3 |
| Callahan | 6/23 |
| Campo | 6/15 |
| Camp Pardee | 3/23 |
| Canby 3 SW | 7/3 |
| Canoga Park Pierce College | 3/31 |
| Canyon Dam | 6/21 |
| Cecilville | 6/5 |
| Cedarville | 6/12 |
| Cherry Valley Dam | 5/28 |
| Chester | 7/3 |
| Chico University Farm | 4/13 |
| Chula Vista | 1/1 |
| Clearlake 4 SE | 5/10 |
| Cloverdale | 4/4 |
| Coalinga | 3/31 |
| Colfax | 4/27 |
| Colusa 2 SSW | 3/24 |

| | |
|---------------------------|-------|
| Corcoran Irrig Dist | 3/20 |
| Covelo | 5/25 |
| Crescent City 3 NNW | 4/13 |
| Culver City | 12/11 |
| Cuyamaca | 5/29 |
| Daggett Barstow Airport | 3/2 |
| Davis 2 WSE ESP Farm | 4/4 |
| Death Valley | 2/12 |
| Deep Springs College | 5/16 |
| De Sabla | 5/20 |
| Dobbins 1 S | 5/8 |
| Donner Memorial ST Park | 7/20 |
| Downieville | 6/3 |
| Doyle 4 SSE | 6/21 |
| Eagle Mountain | 1/9 |
| East Park Reservoir | 5/4 |
| El Capitan Dam | 2/28 |
| El Centro 2 SSW | 2/14 |
| El Mirage | 5/9 |
| Elsinore | 3/29 |
| Eureka WFO Woodley IS | 3/18 |
| Fairfield | 3/16 |
| Fairmont | 4/24 |
| Five Points 5 SSW | 4/3 |
| Fort Bidwell | 6/21 |
| Fort Bragg 5 N | 4/16 |
| Fort Jones Ranger Station | 7/4 |
| Fort Ross | 4/24 |
| Fresno Yosemite Intl | 3/15 |
| Friant Government Camp | 4/14 |
| Georgetown R S | 5/12 |
| Gilroy | 3/29 |
| Glennville | 6/5 |
| Grant Grove | 6/13 |
| Grass Valley | 5/10 |
| Graton | 5/12 |
| Haiwee | 4/24 |
| Half Moon Bay | 3/10 |
| Hanford 1 S | 3/22 |
| Happy Canp Ranger Station | 5/27 |
| Hat Creek | 6/17 |
| Hayfield Pumping Plant | 3/11 |



TIPPOLLY FARM

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Source: National Climatic Data Center - U.S. Department of Commerce (50% Probability of frost 36 degrees F)
 *****Note: Have some row cover material handy in case a frost is predicted later than expected.*****

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| | |
|-----------------------------|-------|
| Hayfork 2 W | 5/27 |
| Heldsburg | 3/21 |
| Henshaw Dam | 5/28 |
| Hetch Hetchy | 5/16 |
| Huntington Lake | 6/25 |
| Idyllwild Fire Dept | 6/11 |
| Imperial | 1/23 |
| Independence | 4/26 |
| Indio Fire Station | 2/15 |
| Inyokern | 4/19 |
| Iron Mountain | 1/19 |
| Jess Valley | 7/7 |
| Kentfield | 3/14 |
| Kern River PH 3 | 4/21 |
| King City | 4/23 |
| Klamath | 4/22 |
| Laguna Beach | 3/2 |
| Lake Arrowhead | 6/4 |
| Lakeport | 5/13 |
| Lake Spaulding | 6/28 |
| La Mesa | 12/30 |
| Lava Beds Nat Monument | 6/27 |
| Lemon Cove | 3/27 |
| Lindsay | 4/8 |
| Livermore | 4/8 |
| Lodgepole | 7/10 |
| Lodi | 4/2 |
| Lompoc | 3/19 |
| Long Beach Airport | 1/2 |
| Los Alamos | 4/4 |
| Los Angeles Intl Airport | - |
| Los Angeles Downtown USC | - |
| Los Banos | 3/17 |
| Los Banos DET RESV | 3/1 |
| Los Gatos | 3/31 |
| Madera | 3/26 |
| Manzanita Lake | 7/12 |
| Markley Cove | 4/9 |
| Martinez Water Plant | 3/10 |
| Marysville | 3/9 |
| McCloud | 6/20 |
| Mecca Fire Station | 2/25 |
| Merced | 4/5 |
| Mineral | 7/15 |
| Mitchell Caverns | 4/18 |
| Modesto City County Airport | 3/2 |
| Mojave | 4/14 |

| | |
|-------------------------------|------|
| Monterey | 1/30 |
| Morro Bay Fire Dept | 3/18 |
| Mountain Pass | 5/7 |
| Mount Diablo Junction | 4/20 |
| Mount Hamilton | 5/29 |
| Mount Hebron RNG Station | 7/16 |
| Mount Shasta | 6/17 |
| Mount Wilson | 5/20 |
| Napa State Hospital | 4/5 |
| Needles Airport | 2/7 |
| Nevada City | 5/14 |
| Newark (Oakland) | 1/30 |
| Newman | 4/4 |
| Newport Beach Harbor | - |
| North Fork R S | 5/20 |
| Oakland Museum | 1/6 |
| Oceanside Marina | 1/26 |
| Ojai | 4/11 |
| Orick Prairie Creek Park | 5/28 |
| Orland | 4/4 |
| Orleans | 4/27 |
| Oroville | 3/29 |
| Oxnard (Camarillo) | 1/10 |
| Palmdale (Lancaster) | 4/18 |
| Palm Springs | 2/7 |
| Palo Alto | 3/15 |
| Palomar Mountain OBS | 5/27 |
| Paradise | 4/7 |
| Parker Reservoir | 1/22 |
| Pasadena | 2/1 |
| Paso Robles | 5/7 |
| Paso Robles Municipal Airport | 5/6 |
| Petuluma Fire Sta 2 | 4/6 |
| Pinnacles Natl Monument | 5/25 |
| Pismo Beach | 3/12 |
| Placerville | 5/2 |
| Pomona Fairplex | 3/12 |
| Porterville | 3/14 |
| Portola | 7/15 |
| Potter Valley P H | 5/14 |
| Priest Valley | 6/12 |
| Quincy | 7/9 |



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| | |
|-----------------------------|-------|
| Randsburg | 4/10 |
| Red Bluff Airport | 3/26 |
| Redlands | 3/15 |
| Redwood City | 3/6 |
| Richardson GR ST PK | 4/19 |
| Ricmond | 2/5 |
| Riverside Fire Sta 3 | 3/5 |
| Riverside Citrus EXP STN | 2/27 |
| Sacramento Airport | 3/18 |
| Sacramento 5 ESE | 2/7 |
| Sagehen Creek | 7/30 |
| Saint Helena | 4/9 |
| Salinas No 2 | 3/8 |
| Salinas Airport | 3/14 |
| San Bernardino FS 226 | 2/27 |
| Sandberg | 5/7 |
| San Diego Lindbergh Airport | - |
| San Francisco Oceanside | 1/19 |
| San Francisco Intl Airport | 1/22 |
| San Francisco Downtown | - |
| San Gabriel Fire Dept | 2/17 |
| San Gregorio 2 SE | 5/5 |
| San Jose | 2/13 |
| San Luis Dam | 3/3 |
| San Luis Obispo Polytech | 3/19 |
| San Rafael Civic Center | 3/18 |
| Santa Ana Fire Station | 12/19 |
| Santa Barbara | 1/12 |
| Santa Bargar Muni Airport | 2/16 |
| Santa Cruz | 3/29 |
| Santa Maria Airport | 4/16 |
| Santa Monica Pier | - |
| Santa Paula | 3/21 |
| Santa Rosa | 3/31 |
| Scotia | 3/27 |
| Shasta Dam | 3/22 |
| Sierra City | 6/8 |
| Sierraville R S | 7/10 |
| Sonoma | 4/19 |
| Sonora R S | 5/16 |
| South ENTR Yosemite NP | 6/15 |
| Stockton Airport | 3/16 |
| Stockton Fire STN #4 | 4/12 |
| Stony Gorge Reservoir | 4/25 |
| Strawberry Valley | 6/6 |
| Susanville 2 SW | 6/21 |
| Tahoe City | 7/6 |

| | |
|-------------------------|-------|
| Tahoe Valley Airport | 7/22 |
| Tejon Rancho | 3/28 |
| Thermal RGNL Airport | 3/1 |
| Three Rivers Edison | 4/7 |
| Torrance | 12/27 |
| Tracy Carbona | 3/24 |
| Tracy Pumping Plant | 3/5 |
| Trona | 3/11 |
| Truckee R S | 7/16 |
| Tulelake | 7/7 |
| Tustin Irvine Ranch | 2/24 |
| Twentynine Palms | 3/27 |
| Twin Lakes | 7/11 |
| Twitchell Dam | 4/3 |
| Ukiah | 4/20 |
| UCLA | - |
| Vacaville | 4/2 |
| Victorville Pump Plant | 4/25 |
| Visalia | 3/2 |
| Vista 2 NNE | 2/6 |
| Wasco | 3/17 |
| Watsonville Watterworks | 3/24 |
| Weaverville | 6/11 |
| Whiskeytown Reservoir | 4/8 |
| Wildrose R S | 5/6 |
| Willits 1 NE | 6/13 |
| Willow Creek 1 NW | 5/11 |
| Willows 6 W | 4/21 |
| Winters | 3/20 |
| Woodland 1 WNW | 3/16 |
| Yosemite Park Hdqtrs | 5/25 |
| Yreka Siskiyou CO | 6/12 |



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Freeze/Frost Occurance Data

Q. If frost cannot occur at temperatures above 32 degrees F, then why does Tippolly Farm use the National Climatic Data Center's 36 degree F portion of the NOAA Freeze/Frost Table?

A. You may have seen a few websites that reference the 32 Degree F portion of the table to give recommended average frost dates. While that seems logical, one needs to understand that frost will occur at ground level before it will at a slightly higher elevation. The official weather measurements are actually taken in an instrument shelter that is between 1.25 and 2 meters (4.1 to 6.6 ft) above ground level in special instrument shelters that are called Stevenson Screens. That recorded temperature is what is reported on radio, TV, newspapers, the internet, etc. They refer to this as the "Surface Temperature", although it is not actually the surface of the ground where plants are generally located.

The NOAA tables also include a 36 degree F table, which is a close approximation of the temperature at the Stevenson Screen when the ground surface is at 32 degrees F. You can view this complete table (including fall frost dates), at:

http://cdo.ncdc.noaa.gov/cgi-bin/climatenormals/climatenormals.pl?directive=prod_select2&prodtype=CLIM2001&ubnum%20to%20Freeze/Frost%20Data%20from%20the%20U.S.%20Climate%20Normals

Even though you may still need to use a good row cover when frost is predicted (we use the 50% probability data), we feel that it is safer, will be less work, and you will have healthier crops if you wait until the 36 Degree F average rolls around. Of course there are also areas called "Micro Climates" like we have here at Tippolly Farm. Our pond is always cooler than it is where we have our raised vegetable beds (which are uphill). Raised beds will also tend to be warmer than the ground temperature.

If you live in a very cold climate, you may not be able to plant a fall crop and in that case, you may need to dismiss the fall dates on the Vegetable Planting Guide.

So pick a convenient spot to plant your garden, follow our timetable for planting based on whatever average frost date that you gave us, and most of all, enjoy the fruits of your efforts.

If there is a number and designation like "16 NNE", that means the governments location of the test enclosure is 16 miles North Northeast of the center of the Town in question.



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