# Appendix C

## Regional Carbon Stock Inventory Report

Photo Credit: County of Napa


# REGIONAL CARBON STOCK INVENTORY REPORT FOR NAPA COUNTY

AUGUST 2023

# Report Organization

This report outlines the draft results of a carbon stock and sequestration analysis prepared for Napa County. The carbon stock analysis includes an inventory of existing carbon stored in vegetation and soils throughout the entire county within the jurisdictions of American Canyon, Calistoga, the City of Napa, St. Helena, Yountville, and the unincorporated areas of Napa County. All jurisdictions within Napa County are hereafter referred to collectively as the county or Napa County. The carbon sequestration analysis evaluates the annual rate of carbon dioxide emissions sequestered by vegetation and soil throughout the county.

This report is organized into four key parts:

### INTRODUCTION

Provides information about the importance of carbon stock and sequestration in climate mitigation and resilience planning.

### DATA AND METHODS

Outlines the specific data, methods, and sources used for the analysis.

### SUMMARY OF RESULTS

Presents the findings of this carbon stock and sequestration analysis.

### CONCLUSION

Describes the implications of the analysis for future climate mitigation and resilience planning in Napa County.

# Key Terms

The following key terms are used throughout this technical memorandum and are defined as such:

**Carbon Pool:** A system which has the capacity to accumulate or release carbon, considered to be a reservoir. Examples include forest biomass, wood products, soils, and the atmosphere (Intergovernmental Panel on Climate Change [IPCC] 2000).

**Carbon Sequestration:** The process of increasing the carbon content of a carbon pool other than the atmosphere (IPCC 2000).

**Carbon Stock:** The absolute quantity of carbon held within a pool at a specified time (IPCC 2000).

**Soil Carbon:** Included inorganic and organic carbon, it constitutes 75 percent of terrestrial carbon (Ecological Society of America 2000).

**Soil Organic Matter:** A mixture of carbon compounds consisting of decomposing plant and animal tissue and carbon associated with soil minerals and microbes (Ecological Society of America 2000).

**Natural Lands:** Lands consisting of forests, grasslands, deserts, freshwater and riparian systems, wetlands, coastal and estuarine areas, watersheds, wildlands, or wildlife habitats, or lands used for recreational purposes such as parks, urban and community forests, greenbelts, trails, and other similar open-space lands. For purposes of this paragraph, "parks" includes, but is not limited to, areas that provide public green space (California Public Resources Code 9001.5).

**Working Lands:** Lands used for farming, grazing, or the production of forest products (California Public Resources Code 9001.5).

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# Section 1. Introduction

## 1.1 CLIMATE CHANGE AND CARBON SEQUESTRATION

Carbon dioxide ($CO_2$), the most commonly produced greenhouse gas (GHG), acts as a global insulator for absorbing infrared radiation that is emitted by Earth and re-emitting it back down causing the planet's climate to warm at an unprecedented rate, an impact known as global climate change. Global climate change is the driver of more extreme weather patterns, increases in sea level, rapid melting of the polar ice caps, and other impacts to biological resources and humans. As GHG concentrations in the atmosphere have increased from the combustion of fossil fuels and other anthropogenic (i.e., human-caused) activities, the effects of global climate change have intensified.

Climate change mitigation involves reducing the sources of GHG emissions into the atmosphere and climate change adaptation involves reducing the impacts due to the hazards and risks posed by climate change. In recent years, there has been more attention shown to the potential of carbon sequestration as both a climate change mitigation and climate change adaptation strategy. Carbon sequestration is the process of capturing and storing atmospheric $CO_2$ (USGS, n.d.a). Biologic carbon sequestration refers to the accumulation of atmospheric $CO_2$ in vegetation, woody products, soils, and aquatic environments (USGS, n.d.b). This type of sequestration can occur on both natural lands (the original landscape before colonial human disturbance) and working lands (lands that are used to produce goods). The amount of $CO_2$ that is stored by vegetation or soils on these lands is known as carbon stock. Land use changes have direct impacts on the amount of $CO_2$ that is stored and sequestered within vegetation and soils in the county. New development that converts grasslands, forests, shrublands, or other natural land covers to urban land uses reduces the carbon sequestration potential of county lands. Reforesting or afforesting barren, unproductive lands to preserve them from development will have the opposite effect, increasing the county's carbon sequestration potential. This inextricable link between land use and carbon

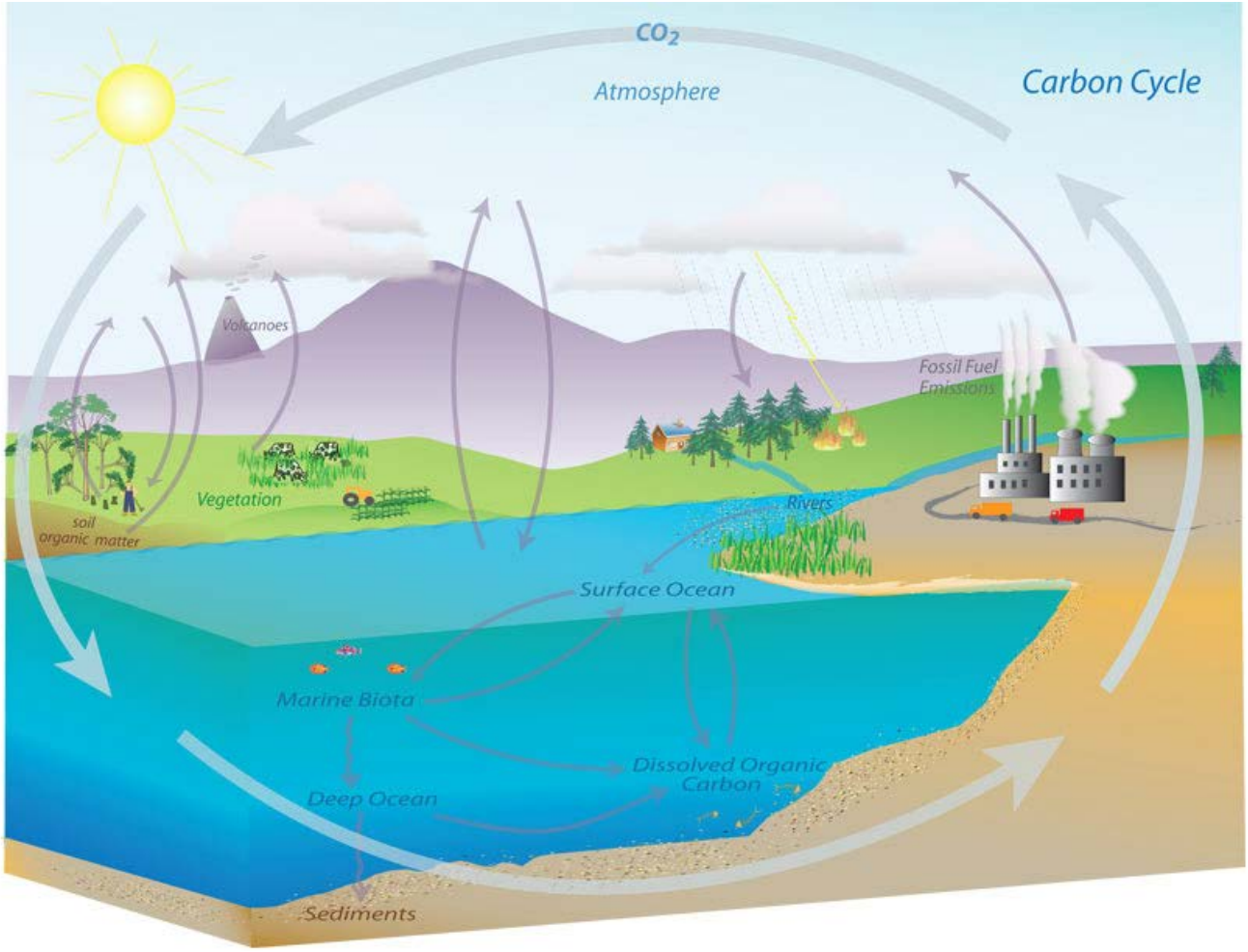
sequestration highlights the need for thoughtful land use planning that minimizes losses to current carbon stock and maximizes preservation/enhancements.

Biologic carbon sequestration in natural and working lands hold a prominent place in California's path toward carbon neutrality. Understanding the magnitude and nature of existing carbon stock and potential future sequestration opportunities from natural and working lands will be an important advancement in climate mitigation and resilience planning in Napa County. As stated in the California Air Resources Board's (CARB's) 2022 Scoping Plan for Achieving Carbon Neutrality, we must "re-envision our natural and working lands—forests, shrublands/chapparal, croplands, wetlands, and other lands—to ensure they play as robust a role as possible in incorporating and storing more carbon in trees, plants, soil, and wetlands that cover 90 percent of the state's 105 million acres while also thriving as a healthy ecosystem" (CARB 2022:2).

## 1.2 BIOLOGICAL CARBON SEQUESTRATION

The process of biological carbon sequestration is an integral part of the naturally occurring carbon cycle which occurs when plants, animals, and ecosystems take up $CO_2$. A carbon pool refers to the ability of a system to store and release carbon. The carbon cycle is depicted in Figure 1.

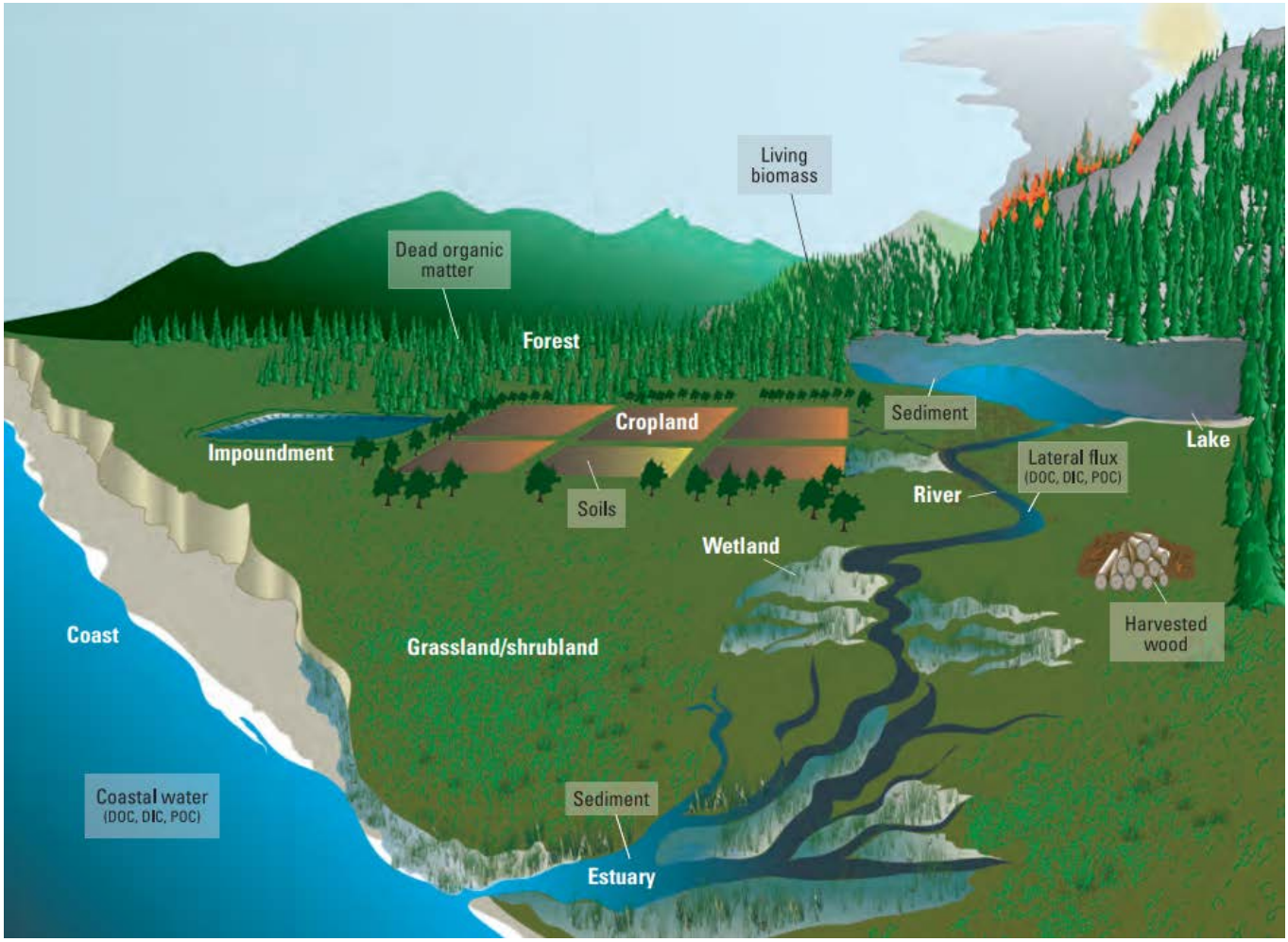
Figure 1 The Carbon Cycle




Source: NOAA 2019.

Shown in Figure 2 are examples of natural and working lands that serve as carbon pools. The forest ecosystem is a carbon pool because it stores carbon in individual trees and vegetation and can release this carbon in the event of a wildfire. If a system can store more carbon than it releases, it is classified as a carbon sink.

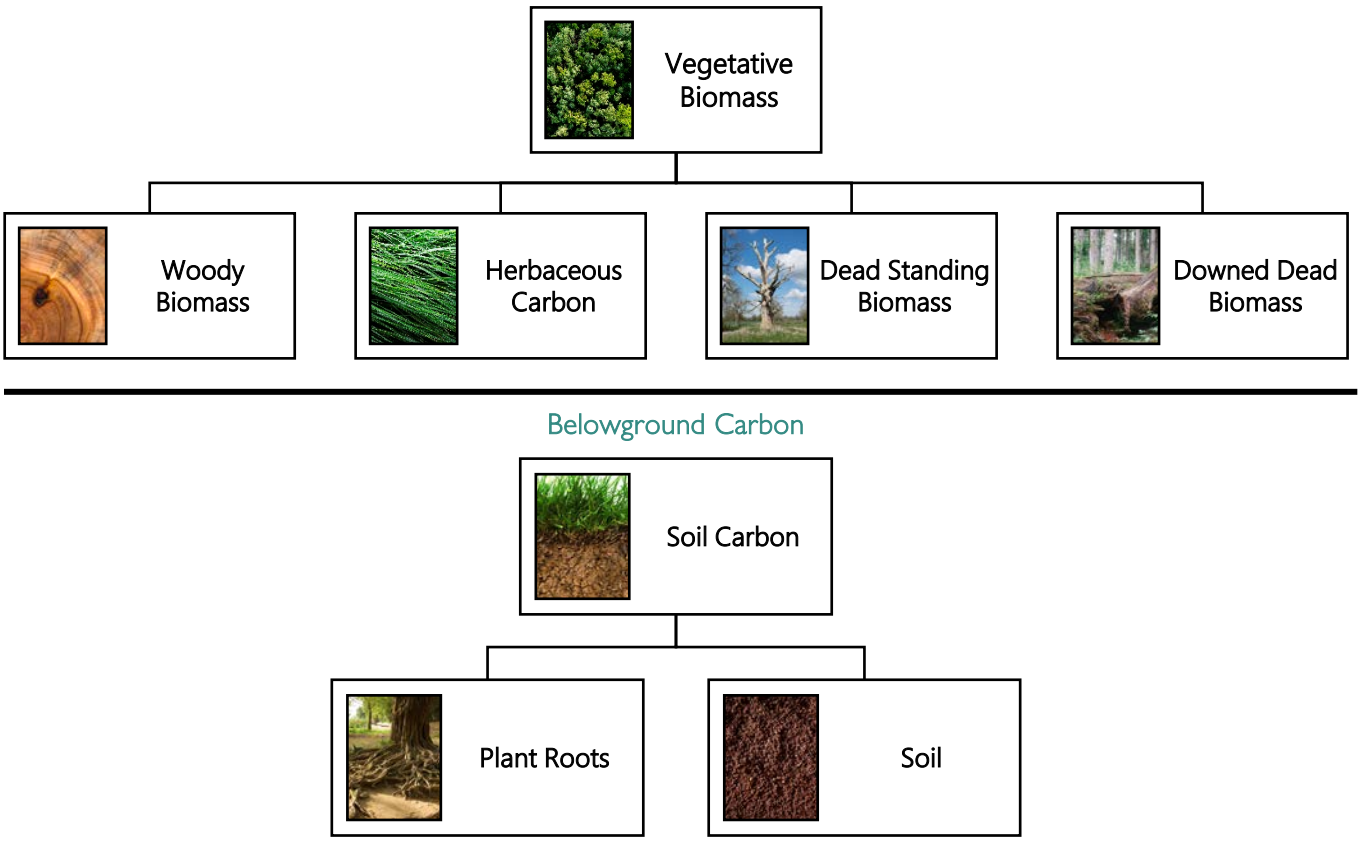
Figure 2 Natural and Working Lands Carbon Pools




Source: Zhu et al. 2010.

Ecosystems like forests, grasslands, and rangelands are known to capture 25 percent of global carbon emissions (UC Davis 2019). In order to assess the amount of carbon stored through biological sequestration, it is important to assess both aboveground and belowground carbon pools. The anatomy of a carbon stock inventory is depicted in Figure 3.

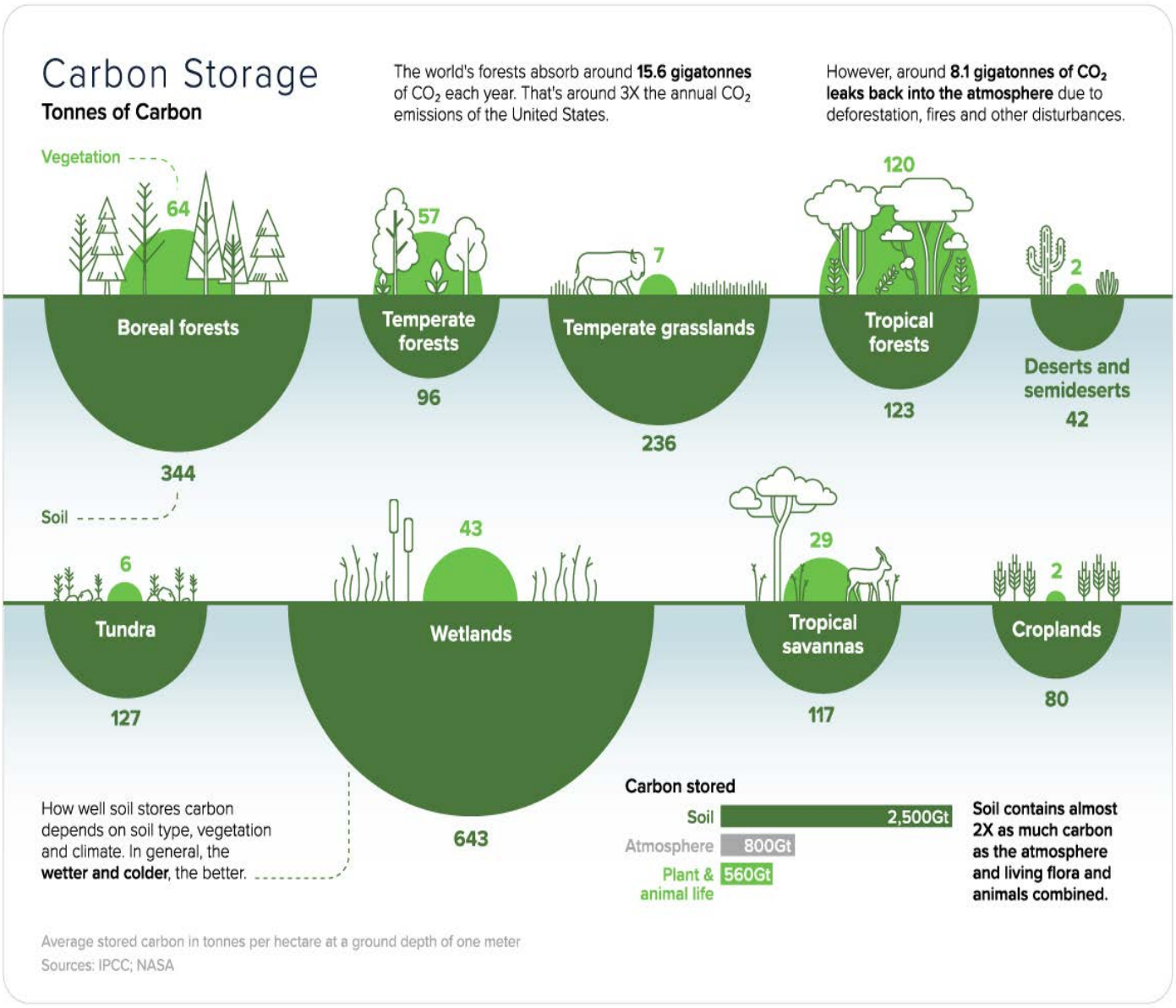
Figure 3 Types and Sources of Carbon included in a Carbon Stock Inventory




Source: Developed by Ascent in 2022.

Different ecosystems have different proportions of carbon in both aboveground and belowground pools. For example, while forests tend to have more aboveground carbon, grasslands include a large proportion of carbon belowground (Figure 4).

Figure 4 Comparative Carbon Storage Capacity Between Ecosystems




Source: Visual Capitalist 2022.

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# Section 2. Carbon Stock & Sequestration Inventory

## 2.1 ABOVEGROUND CARBON STORAGE

Aboveground carbon is the amount of carbon stored within vegetative biomass (i.e., the mass of any given organism) that is above the soil. Vegetation uses photosynthesis to take $CO_2$ out of the atmosphere and then stores the carbon in the biomass. Aboveground carbon includes woody biomass in trunks, branches, and shoots as well as herbaceous carbon in leaves, flowers, fruiting bodies, and grasses. Additionally, aboveground carbon includes the carbon in leaf litter, dead standing biomass, and downed dead biomass. Approximately 45-50 percent of the dry biomass weight (excluding water content) of the vegetation is equivalent to its carbon stock (McGroddy et al. 2004; Schlesinger 1991).

## 2.2 BELOWGROUND CARBON STORAGE

Belowground carbon is the carbon stored within plant roots and soil. Plant root carbon stock is estimated the same way as aboveground carbon: estimating biomass by using the dry weight of the materials and converting the biomass to carbon. In soil, carbon is primarily stored as soil organic matter (SOM). SOM is a mixture of carbon compounds consisting of decomposing plant and animal tissue and carbon associated with soil minerals, and microbes. Within SOM, approximately 58 percent is soil organic carbon (SOC) which represents the distinct carbon pool in the soil (Lal 2004). Overall, soil carbon (i.e., organic and inorganic carbon) constitutes approximately 75 percent of the carbon in terrestrial environments, which is three times the amount stored in living plants and animals. Soils represent a massive sink potential for $CO_2$ from the atmosphere, although soil carbon can either be stored in the soil for millennia or can be quickly released back into the environment due to decomposition.

## 2.3 CARBON STOCK AND CARBON SEQUESTRATION

Carbon stock values are presented in terms of metric tons of carbon (MT C) (Figure 4). Carbon sequestration values are presented in terms of metric tons of carbon dioxide equivalent per year (MT $CO_2e$/year). Carbon stock is the amount of carbon stored at a given point in time, whereas carbon sequestration is the active exchange of carbon to and from the atmosphere and is thereby represented as a rate.

## 2.4 RELEVANCE OF CARBON SEQUESTRATION

In April 2019, the State of California prepared the Draft California 2030 Natural and Working Lands Climate Change Implementation Plan (NWLIP), in response to CARB's Resolution 17-46. The objectives of the NWLIP are to integrate climate goals into State-funded natural and working land conservation, restoration, and management programs; enhance natural and working lands' resilience to climate impacts, sequester carbon, and reduce GHG emissions; and identify next steps to address policy challenges facing natural and working lands (CalEPA, CNRA, CDFA, CARB, and SGC 2019). In October 2020, Governor Gavin Newsom highlighted the importance of California's natural and working lands for carbon sequestration through the signing of Executive Order N-82-20, which set a target of conserving 30 percent of the state's lands by 2030.

CARB's 2022 Scoping Plan for Achieving Carbon Neutrality states that reducing GHG emissions from and increasing sequestration on natural and working lands is crucial to the State's long-term climate change strategy to meet the requirements of Assembly Bill (AB) 1279 of 2022, which set forth a statewide target to achieve net zero GHGs no later than 2045 (CARB 2022). California has developed a Natural and Working Lands Climate Smart Strategy, which evaluates nature-based climate solutions, outlines regional opportunities for climate smart land management, and identifies options to track nature-based climate action and measure progress (CNRA 2022).

In addition, AB 1757 of 2022 requires the California Natural Resources Agency to set natural carbon sequestration targets and determine nature-based solutions to reduce GHG emissions to support achieving carbon neutrality no later than 2045. AB 1757 also requires CARB to develop standard methods to consistently track GHG emissions and reductions, carbon sequestration, and other benefits from natural and working lands.

Carbon stock inventories for cities and counties within California are imperative in understanding how to increase carbon sequestration statewide. These inventories can provide a baseline to improve upon into the future and can inform projects that will increase carbon removal from the atmosphere, as directed by AB 1279 and AB 1757.

Napa County, for example, has the benefits of its natural and working lands through arable land that produce food, wine, recreational amenities, tourism, and wildlife habitat. Historically, land has been converted from natural and working lands into agricultural land within the county. The consequences of lost natural lands and their impacts on carbon stock have not been evaluated. Management practices can affect a soil's potential to be either a source or a sink of carbon. For example, conservation farming practices such as reduced tillage, cover cropping, and crop rotation can be used to increase soil carbon compared to conventional practices (Ecological Society of America 2000).

This report seeks to provide a baseline estimate for the carbon that is already stored in the county's vast natural and working lands. Additionally, the analysis provides an annual rate of carbon sequestered by these lands.

# 2.5 DATA AND METHODS

## 2.5.1 Data Sources

### VEGETATIVE CARBON

To estimate the carbon stock and sequestration in Napa County, a GIS-based analysis was performed using the best available data for land cover (i.e., vegetation), ownership types, and soil. The following data sources were used for vegetative carbon:

- County of Napa's GIS Department
- US Fish and Wildlife Service's National Wetlands Inventory (NWI)
- California Protected Areas Database and California Conservation Easement Database

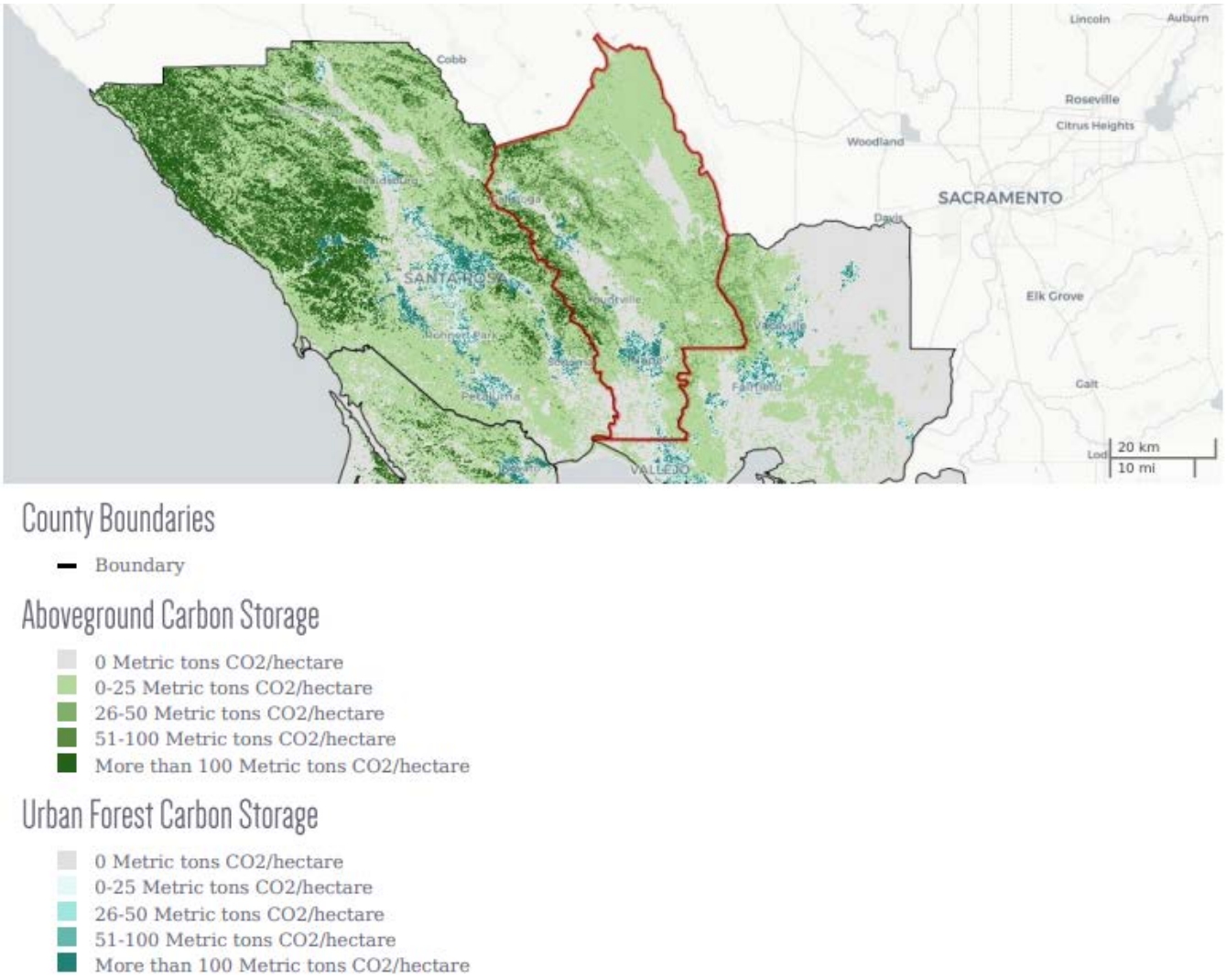
Each source has data that is mapped; this is often referred to as a layer. For this analysis, multiple layers were overlapped in order to determine approximate land cover type across the county and assign corresponding sequestration values. The County of Napa's GIS Department's publicly available ArcGIS online data sources includes land cover vegetation data with categories such as Blue Oak woodland, Coastal Sage Scrub, and Coast Redwood, which are all prominent species in the natural landscapes of Napa County.

These data were then intersected with a Napa County-generated publicly available data layer of agricultural uses. This agricultural layer was used to identify vineyards and orchards and superseded the Napa County vegetation layer so as to not double county carbon stored by these types of vegetation. Both data layers from the County are described in greater detail in the section on data sources below.

Next, these GIS layers were intersected with the US Fish and Wildlife Service's National Wetlands Inventory (NWI). In the areas where the NWI layer overlapped with the land cover layer or the agricultural layer, these layers were removed because NWI is considered the most specific for this land cover type. The NWI contains more than 35 million wetland and deepwater features for all of the US. The data are updated twice a year and provides information on the status, extent, characteristics, and functions of wetland, riparian, and deepwater habitats which is used in this analysis. Wetlands are identified using aerial imagery based on vegetation, visible hydrology, and geography. A margin of error is inherent in the use of this imagery as it is not based on detailed on-the-ground inspection of individual wetland sites (USFWS n.d.).

To estimate vegetative carbon sequestration, additional GIS data layers for land ownership types (e.g., federal agencies, state agencies, private) from the California Protected Areas Database and California Conservation Easement Database were used. These land ownership types, in combination with land cover types and acreage values, were linked to vegetative carbon sequestration values from the CALAND Report to generate MT $CO_2e$/year estimates for carbon sequestered throughout the county.

Figure 5 Map of Aboveground Carbon Storage in Napa County




Source: Bay Area Greenprint n.d.

## SOIL CARBON

Soil carbon stock was estimated using the US Department of Agriculture's Natural Resources Conservation Service's (NRCS's) SSURGO dataset, which provides soil type data throughout the state, inclusive of Napa County. Data are collected from soil surveys performed throughout the county, and therefore, is considered to be specific to the area of this analysis. Measurements of bulk density, soil organic matter, and soil depth are used in quantifying the amount of carbon within each soil type present within the county. These carbon stock values were then multiplied by the acreage of each soil type in order to account for carbon held within soils. The land cover data layers which were intersected for the vegetative carbon method, as outlined above, were also used to specify the soil carbon stored within each land cover type.

Figure 6 Map of Soil Carbon Storage in Napa County


Source: Bay Area Greenprint n.d.

## 2.5.2 Carbon Stock and Sequestration Quantification

Once land use cover types and acreages were obtained for the county, carbon storage and sequestration rates were applied to understand the carbon already stored in vegetation and soil (i.e., carbon storage), as well as the rate of additional carbon that could be taken up by vegetation and soil on an annual basis (i.e., carbon sequestration).

### VEGETATIVE CARBON

The acreages of each land cover type from the GIS analysis described above were linked to carbon stock values found in scientific literature. These carbon stock and sequestration values were used in the analysis to multiply by the acreage of each land cover type. Where values for carbon stock or sequestration could not be found for specific land cover types, land cover types were combined into more general categories. For example, the land cover layer from Napa County identified a "Chamise Alliance" comprised of Sclerophyllous shrubland and Wedgeleaf Ceanothus. Because specific carbon stock and sequestration values were not available for these species, they were combined into a broader category of "shrubland," for which carbon stock and sequestration values were available. Where possible, literature values that are regionally specific were used.

Carbon stock values for agricultural land cover types were used from scientific reports prepared for CARB and the California Environmental Protection Agency (Saah et al. 2016). Values for orchards and vineyards were calculated by averaging the carbon stock rates for different crops that fall under the orchard category and varietals of wine grapes found in Napa County. Carbon stock values for forest land cover types were provided by the California Forest Carbon Plan (Forest Climate Action Team 2018) and woodland carbon stock values were provided by An Inventory of Carbon and California Oaks (Gaman 2008).

Other carbon stock values for Riparian woodland, mixed shrubland, grassland, chapparal, and urban environments came from scientific literature values that are specific to the vegetation types found in Napa County.

Vegetative carbon sequestration rates from the CALAND Report were used to generate MT $CO_2e$/year estimates for carbon sequestered throughout the county on an annual basis for all land cover types. The CALAND Report provides annual net carbon exchanges in live vegetation and soil without interventions, and under a historical climate. A positive number indicates that carbon was taken up by vegetation and soil (i.e., carbon sequestration or a carbon sink), while a negative number indicates carbon was released by vegetation and soil (i.e., carbon emissions or a carbon source).

The sources and rates for metric tons of carbon per acre by vegetation/land cover type are presented in Table 1 below.

**Table 1 Vegetation Carbon Stock Values by Land Cover Type**

| Ecosystem | Land Cover Type | Vegetation (MT C/acre) | Source |
|---|---|---|---|
| Agricultural Lands | Vineyard | 1.78 | Saah 2016 |
| | Orchard | 3.95 | |
| Forests | Coast Redwood | 122.4 | Forest Climate Action Team 2018 |
| | Douglas-fir | 72.1 | |
| | Mixed conifer | 57.4 | |
| | Douglas-fir/ponderosa pine | 48.15 | |
| | Coast Live Oak/ Blue Oak | 18.21 | Gaman 2008 |
| | Blue Oak | 12.55 | |
| | Mixed Oak | 29.14 | |
| | Black Oak | 21.04 | |
| | Interior Live Oak/ Blue Oak | 16.99 | |
| | Coast Live Oak | 23.87 | |
| | Valley Oak | 9.71 | |
| | Canyon Live Oak | 54.63 | |
| | Interior Live Oak | 21.45 | |
| | Oregon Oak | 24.69 | |
| | Tanbark oak | 49.78 | |
| Grasslands/Shrublands | Riparian woodland | 45.71 | Dybala et al. 2018 |
| | Mixed shrubland | 16.18 | Brown et al. 2004 |
| | Grassland | 1.416 | Bolman et al. 2018 |
| | Chamise chaparral | 8.56 | |

| Ecosystem | Land Cover Type | Vegetation (MT C/acre) | Source |
|---|---|---|---|
| | Mixed chaparral | 14.01 | |
| | Coastal sage scrub | 6.40 | |
| Developed | Urban | 3.448 | Bjorkman et al. 2015 |
| Wetland | Estuarine and Marine Deepwater | 7.5 | USGS 2012 |

Notes: C=carbon; MT= metric tons.

Source: Compiled by Ascent in 2023.

### Soil Carbon

The soil carbon stock inventory was conducted using the NRCS's gSSURGO dataset of soil types through Napa County. Each soil type's carbon stock was calculated first by identifying the soil mass per acre, which was measured by horizon depth and the bulk density of the soil types. The soil mass was then converted to soil organic matter with a percentage of 58, provided by a soil scientist. Each soil type's carbon value was averaged on a per acre basis and was multiplied by the acreage of each soil type found in the county.

Soil carbon sequestration was calculated by applying sequestration rates from the CALAND Report. These rates are sorted by ownership, region, and land cover type. As discussed above, a positive number indicates carbon was taken up by the soil, while a negative number means that carbon was lost from the soil.

## 2.6 SUMMARY OF RESULTS

### 2.6.1 Carbon Stock Results

Based on the modeling conducted, existing carbon stock by vegetation and soils on natural and working lands countywide is approximately 16,805,044 MT C. Table 2 and Figure 7 display the total carbon storage for vegetation and soils in the county by vegetation/land cover type and jurisdiction. It is important to note that the carbon stock values provided in Table 2 and Figure 7 include all landowner types in the county. These include the US Forest Service, US Bureau of Land Management, National Park Service, US Department of Defense, other federal government lands, California State lands, local government, private, and conservation easements. To provide a comprehensive estimate of carbon storage on lands located in the county, all landowners were included.

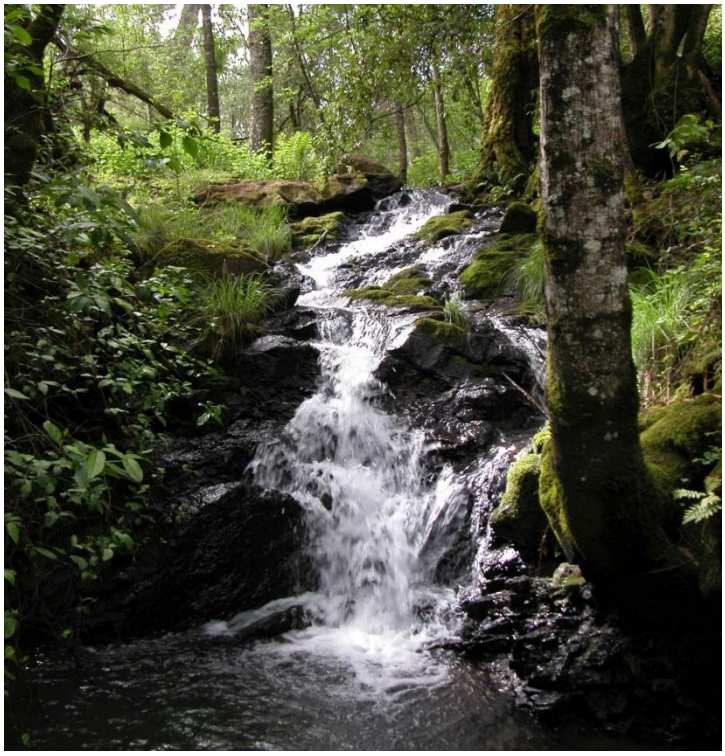


Table 2 Napa County Carbon Stock by Vegetation/Land Cover Type

| Jurisdiction | Vegetation/Land Cover Type | Vegetation Carbon Stock (MT C) | Soils Carbon Stock (MT C) | Total Carbon Stock (MT C) |
|---|---|---|---|---|
| American Canyon | Wetlands | 1,249 | 3,503 | 4,752 |
| | Cultivated | 14 | 119 | 133 |
| | Forest | NA[1] | NA[1] | NA[1] |
| | Grassland | 1,600 | 19,415 | 21,014 |
| | Other Lands[1] | - | 2,054 | 2,054 |
| | Shrubland | NA[1] | NA[1] | NA[1] |
| | Urban | 8,538 | 41,325 | 49,863 |
| | Woodland | 389 | 132 | 522 |
| | *Subtotal* | *11,791* | *66,547* | *78,338* |
| Calistoga | Wetlands | 181 | 850 | 1,031 |
| | Cultivated | 400 | 7,216 | 7,617 |
| | Forest | 9,546 | 1,306 | 10,852 |
| | Grassland | 234 | 5,519 | 5,753 |
| | Other Lands[1] | - | 1,033 | 1,033 |
| | Shrubland | 75 | 53 | 128 |
| | Urban | 2,920 | 28,753 | 31,672 |
| | Woodland | 7,365 | 4,464 | 11,829 |
| | *Subtotal* | *20,722* | *49,192* | *69,914* |
| City of Napa | Wetlands | 5,144 | 16,383 | 21,527 |
| | Cultivated | 727 | 7,282 | 8,009 |
| | Forest | NA[1] | NA[1] | NA[1] |
| | Grassland | 1,252 | 19,149 | 20,401 |
| | Other Lands[1] | NA[1] | 6,483 | 6,483 |
| | Shrubland | NA[1] | NA[1] | NA[1] |
| | Urban | 30,425 | 164,281 | 194,706 |
| | Woodland | 22,223 | 11,703 | 33,926 |
| | *Subtotal* | *59,771* | *225,281* | *285,052* |
| St. Helena | Wetlands | 389 | 825 | 1,214 |

| Jurisdiction | Vegetation/Land Cover Type | Vegetation Carbon Stock (MT C) | Soils Carbon Stock (MT C) | Total Carbon Stock (MT C) |
|---|---|---|---|---|
| | Cultivated | 1,977 | 29,244 | 31,221 |
| | Forest | 9,417 | 1,707 | 11,124 |
| | Grassland | 367 | 6,999 | 7,366 |
| | Other Lands[1] | NA[1] | 1,207 | 1,207 |
| | Shrubland | 48 | 42 | 91 |
| | Urban | 3,891 | 27,959 | 31,850 |
| | Woodland | 14,392 | 6,106 | 20,498 |
| | ***Subtotal*** | ***30,481*** | ***74,090*** | ***104,571*** |
| Yountville | Wetlands | 100 | 330 | 429 |
| | Cultivated | 99 | 970 | 1,068 |
| | Forest | 4,375 | 1,372 | 5,747 |
| | Grassland | 16 | 225 | 241 |
| | Other Lands[1] | NA[1] | 260 | 260 |
| | Shrubland | 311 | 603 | 915 |
| | Urban | 1,906 | 11,104 | 13,010 |
| | Woodland | 5,412 | 4,120 | 9,532 |
| | ***Subtotal*** | ***12,219*** | ***18,984*** | ***31,203*** |
| Unincorporated | Wetlands | 128,980 | 346,567 | 475,547 |
| | Cultivated | 92,055 | 1,100,623 | 1,192,678 |
| | Forest | 2,622,248 | 466,235 | 3,088,483 |
| | Grassland | 87,209 | 1,244,457 | 1,331,666 |
| | Other Lands[1] | NA[1] | 198,827 | 198,827 |
| | Shrubland | 497,912 | 580,279 | 1,078,191 |
| | Urban | 48,012 | 263,887 | 311,898 |
| | Woodland | 5,200,964 | 3,357,410 | 8,558,374 |
| | ***Subtotal*** | ***8,677,381*** | ***7,558,284*** | ***16,235,664*** |
| All Jurisdictions | Wetlands | 136,043 | 368,456 | 504,499 |
| | Cultivated | 95,272 | 1,145,454 | 1,240,726 |
| | Forest | 2,645,587 | 470,619 | 3,116,206 |

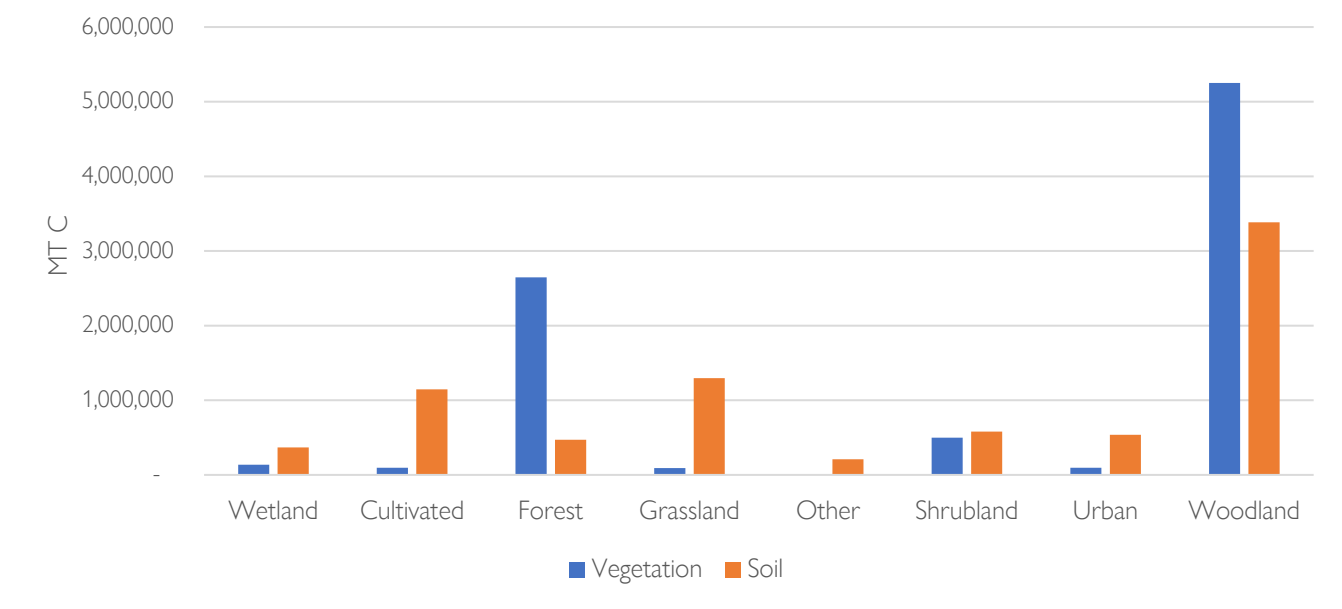
| Jurisdiction | Vegetation/Land Cover Type | Vegetation Carbon Stock (MT C) | Soils Carbon Stock (MT C) | Total Carbon Stock (MT C) |
|---|---|---|---|---|
| | Grassland | 90,678 | 1,295,763 | 1,386,441 |
| | Other Lands[1] | NA[1] | 209,864 | 209,864 |
| | Shrubland | 498,347 | 580,977 | 1,079,324 |
| | Urban | 95,692 | 537,309 | 633,000 |
| | Woodland | 5,251,048 | 3,383,935 | 8,634,983 |
| | **Carbon Stock Total** | **8,812,667** | **7,992,377** | **16,805,044** |

Notes: C=carbon; MT= metric tons; NA = not available.

1 Land cover type not shown in spatial data used for this analysis. There may be carbon held where NA values are listed.

Source: Prepared by Ascent in 2023.

## Figure 7 Napa County Carbon Stock by Land Cover Type (MT C)




Notes: C = carbon; MT = metric tons.

Source: Prepared by Ascent in 2023.

## 2.6.2 Carbon Sequestration Results

Table 3 displays the total carbon sequestration for vegetation/land cover type based on the rates provided in the CALAND Report and using acreages by land cover type derived from the GIS analysis described above. Based on the modeling conducted, carbon sequestered by vegetation and soils on natural and working lands ranges between a minimum of 5,347 MT $CO_2e$/year and a maximum of 1,295,292 MT $CO_2e$/year. In comparison, the amount of emissions generated by all jurisdictions within Napa County was reported as 1,221,816 MT$CO_2e$/year in 2019 (Ascent 2022). Minimum and maximum values are reported to show the error margin between estimates of carbon sequestration in both soils and vegetation. The CALAND Report includes carbon sequestration values based on land cover type, ownership, and region for both soil and vegetation. To provide a comprehensive estimate of carbon sequestration on lands located within the county, all landowner types and jurisdictions were analyzed, and the results are presented in Table 3.

**Table 3 Napa County Carbon Sequestration by Vegetation/Land Cover Type[1]**

| Vegetation/ Land Cover Type | Vegetation Carbon Sequestration (MT $CO_2e$/year) | Soil Carbon Sequestration (MT $CO_2e$/year) | Total Carbon Sequestration (MT $CO_2e$/year) | Vegetation Carbon Sequestration (MT $CO_2e$/ year) | Soil Carbon Sequestration (MT $CO_2e$/year) | Total Carbon Sequestration (MT $CO_2e$/year) |
|---|---|---|---|---|---|---|
| | Minimum | | | Maximum | | |
| Wetlands | 0 | 5,652 | **5,652** | 0 | 71,865 | **71,865** |
| Cultivated | 0 | -5,467 | **-5,467** | 0 | 35,142 | **35,142** |
| Forest | 238,887 | 26,048 | **264,935** | 315,529 | 64,168 | **379,697** |
| Grassland | 0 | -334,950 | **-334,950** | 0 | -88,747 | **-88,747** |
| Other Lands[2] | 0 | 0 | **0** | 0 | 0 | **0** |
| Shrubland | 45,101 | 14,549 | **59,650** | 90,202 | 26,188 | **116,389** |
| Urban | 71,808 | 0 | **71,808** | 76,891 | 0 | **76,891** |
| Woodland | 988,321 | -1,044,513 | **-56,192** | 1,437,859 | -733,804 | **704,055** |
| **Total** | **1,344,117** | **-1,338,680** | **5,437** | **1,920,481** | **-625,189** | **1,295,292** |

Notes: $CO_2e$= carbon dioxide equivalent; MT= metric tons; NA = not applicable.

[1] Negative values indicate a source of carbon dioxide emissions.

[2] Land cover types not shown in spatial data used for this analysis. There may be carbon held where NA values are listed.

Source: Prepared by Ascent in 2023.

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# Section 3. Conclusion

This analysis is a baseline assessment of carbon storage and sequestration on natural and working lands in Napa County. Based on the availability and granularity of data, there is a margin of error in these estimates, but it still provides an important consideration in climate action planning in the region: there are highly productive lands that store and continually sequester carbon and these lands should be conserved and enhanced to increase the potential for future sequestration. To assess future carbon sequestration and storage levels would be challenging due to both changes in land use and climate change, which is discussed in further detail below.

The results of this analysis can be incorporated into climate action planning efforts and can lead to the development of strategies, measures, and actions to enhance carbon sequestration and provide credit for land management activities that promote carbon sequestration.

### 3.1.1 Carbon Stock and Sequestration Forecast Considerations

To consider future carbon stock held in natural and working lands in Napa County requires spatial datasets that include future climate-related impacts and future land use development patterns consistent with general plans and regional land use plans. Developing these estimates quantitatively is challenging for several reasons.

First, future land use data are currently not available in a GIS format that covers all jurisdictions within Napa County that would allow an analysis to compare existing land uses with future land uses. Without this spatial data, it is unknown what land cover types may be disturbed or removed to accommodate new development, and therefore, the associated carbon loss is unknown. If such data were available in the future, it could be incorporated into this analysis to provide such projections of future carbon stock.

Second, climate-related impacts such as wildfire can be expected to impact existing carbon stock and future sequestration opportunities. The impact of wildfires on carbon sequestration in ecosystems includes both the immediate release of GHG emissions from the burning of biomass, as well as the long-term combined effects of decomposing biomass after a wildfire, and regenerating vegetation which increases the uptake of carbon (USGS

2012:13). Predicting future wildfire severity and locations would require extensive modeling and analysis that is outside the scope of this effort. From available wildfire projection data, it is estimated that the average area burned in Napa County is 1,342 acres per year through 2050 (California Energy Commission 2023). This, however, does not consider vegetation management and treatment programs that may be occurring throughout the county between now and 2050.

Fuels and forest treatments such as prescribed burning, animal grazing, and thinning from below have the negative impact of removing carbon stock from natural and working lands. However, these types of treatments may provide benefits to reduce GHG emissions associated with a wildfire event.

These considerations make future carbon stock estimates challenging to conduct at a local scale with currently available data. It is important to note that although future carbon stock estimates have been completed by CARB as part of the 2022 Scoping Plan, these estimates are provided at a statewide level and are not able to be downscaled to a jurisdiction-wide level. The enactment of AB 1757 will continue to play a large role in the future of sequestration quantification and target setting and could eventually be incorporated into future climate action planning efforts in Napa County.

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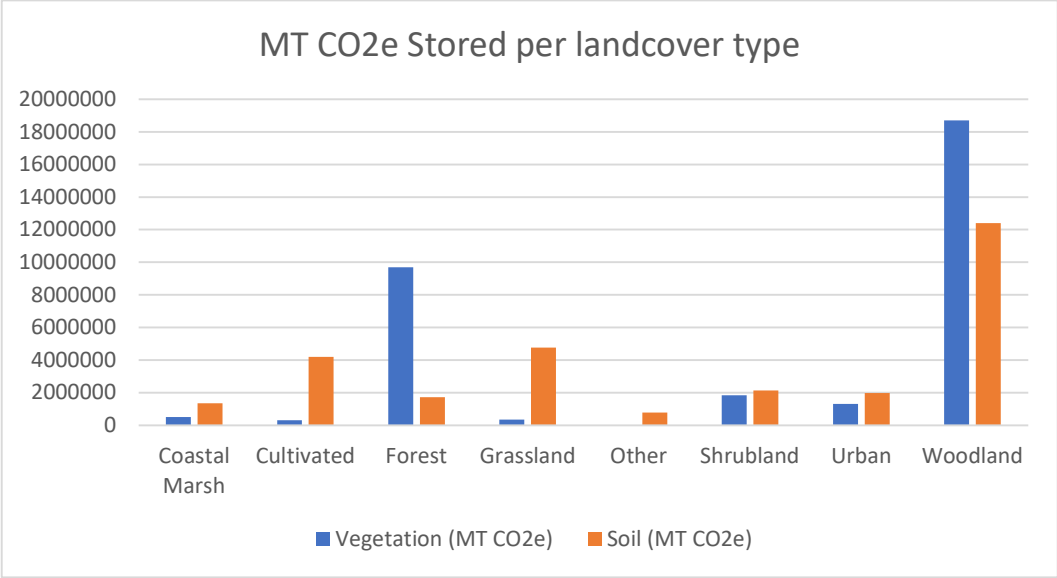
# Attachment A

Carbon Stock and Sequestration Calculations

# Carbon stored in each landcover type

| | Vegetation (MT CO2e) | Soil (MT CO2e) | Total (MT CO2e) |
|---|---|---|---|
| Coastal Marsh | 498824.4057 | 1351005.59 | 1849829.995 |
| Cultivated | 312251.1012 | 4199997.175 | 4512248.277 |
| Forest | 9699755.489 | 1725603.549 | 11425359.04 |
| Grassland | 333771.9327 | 4751131.006 | 5084902.939 |
| Other | 0 | 769501.9504 | 769501.9504 |
| Shrubland | 1827052.055 | 2130250.142 | 3957302.197 |
| Urban | 1301514.578 | 1970131.429 | 3271646.007 |
| Woodland | 18708447.33 | 12407762.36 | 31116209.69 |
| Total | 32,681,616.89 | 58,610,766.39 | 61,987,000.09 |



# MT CO2e stored and sequestered by Vegetation in each jurisdiction

| Row Labels | Sum of Carbon stored in vegetation (MT CO2e) | Sum of Carbon Seq in vegetation (MTCO2e) |
|---|---|---|
| American Canyon | 43033.12803 | 5374.789733 |
| Coastal Marsh | 4581.315992 | 0 |
| Cultivated | 46.35803228 | 0 |
| Grassland | 5888.880238 | 0 |
| Other | 0 | 0 |
| Urban | 31672.39333 | 5328.049331 |
| Woodland | 844.1804431 | 46.74040274 |
| Calistoga | 73095.76401 | 4734.236766 |
| Coastal Marsh | 665.2971689 | 0 |
| Cultivated | 1325.891116 | 0 |
| Forest | 35002.68092 | 981.487758 |
| Grassland | 861.8062962 | 0 |
| Other | 0 | 0 |
| Shrubland | 274.512999 | 6.385365893 |
| Urban | 10830.37839 | 2462.742778 |
| Woodland | 24135.19712 | 1283.620864 |
| Napa | 207418.3474 | 29620.87526 |
| Coastal Marsh | 18860.41833 | 0 |
| Cultivated | 2384.023558 | 0 |
| Grassland | 4607.620341 | 0 |
| Other | 0 | 0 |
| Shrubland | 7.24061E-05 | 4.25127E-06 |
| Urban | 112859.2452 | 25633.55814 |
| Woodland | 68707.03996 | 3987.317125 |
| St Helena | 108018.7557 | 6913.354901 |
| Coastal Marsh | 1425.281086 | 0 |
| Cultivated | 6478.204081 | 0 |
| Forest | 34529.72803 | 964.3170763 |
| Grassland | 1351.438864 | 0 |
| Other | 0 | 0 |
| Shrubland | 177.1996961 | 7.790952872 |
| Urban | 14434.03587 | 3282.18612 |
| Woodland | 49622.86809 | 2659.060752 |
| Unincorporated | #N/A | 1582238.255 |
| Coastal Marsh | 472926.8667 | 0 |
| Cultivated | 301692.8597 | 0 |
| Forest | #N/A | 274637.5575 |
| Grassland | 321004.1577 | 0 |
| Other | 0 | 0 |
| Shrubland | 1825459.024 | 67593.36268 |
| Urban | 178094.1037 | 36035.48772 |
| Woodland | 22932609.94 | 1203971.847 |
| (blank) | #N/A | 0 |
| Yountville | 47084.20061 | 3417.369628 |
| Coastal Marsh | 365.2264372 | 0 |
| Cultivated | 323.7646316 | 0 |
| Forest | 16043.28129 | 624.7618872 |
| Grassland | 58.02925345 | 0 |
| Other | 0 | 0 |
| Shrubland | 1141.318737 | 43.7563446 |
| Urban | 7068.869359 | 1607.40524 |
| Woodland | 22083.7109 | 1141.446156 |
| **Grand Total** | **26989087.34** | **1,632,299** |

# MT CO2e stored and sequestered by Soil in each jurisdiction

| Row Labels | Sum of MTCO2e stored in soil | Sum of MTCO2e Seq in soil |
|---|---|---|
| **American Canyon** | **244004.4536** | **-3413.97455** |
| Coastal Marsh | 12842.55538 | 355.967168 |
| Cultivated | 435.9351452 | 2.050262589 |
| Grassland | 71186.50093 | -3737.732666 |
| Other | 7529.920928 | 0 |
| Urban | 151524.1079 | 0 |
| Woodland | 485.4333144 | -34.25931429 |
| **Calistoga** | **180371.4809** | **-1234.547334** |
| Coastal Marsh | 3115.00407 | 51.69343252 |
| Cultivated | 26459.05653 | 58.14791601 |
| Forest | 4787.327859 | 141.5417534 |
| Grassland | 20234.92436 | -546.9972923 |
| Other | 3787.948726 | 0 |
| Shrubland | 193.6430509 | 1.922475753 |
| Urban | 105426.3742 | 0 |
| Woodland | 16367.20203 | -940.8556195 |
| **Napa** | **826029.9042** | **-4268.689538** |
| Coastal Marsh | 60070.33893 | 1465.450041 |
| Cultivated | 26701.13582 | 112.9482328 |
| Grassland | 70213.04505 | -2924.503871 |
| Other | 23771.40864 | 0 |
| Shrubland | 0.00036312 | 1.27995E-06 |
| Urban | 602364.0223 | 0 |
| Woodland | 42909.95309 | -2922.583942 |
| **St Helena** | **271663.0301** | **-2247.407453** |
| Coastal Marsh | 3024.370105 | 110.744002 |
| Cultivated | 107228.8063 | 308.0081835 |
| Forest | 6258.675306 | 138.278634 |
| Grassland | 25662.43518 | -857.7721036 |
| Other | 4426.771901 | 0 |
| Shrubland | 155.4242557 | 2.34566323 |
| Urban | 102516.7439 | 0 |
| Woodland | 22389.80328 | -1949.011832 |
| **Unincorporated** | **27713706.29** | **-968884.33** |
| Coastal Marsh | 1270744.842 | 35896.30631 |
| Cultivated | 4035617.259 | 14267.16927 |
| Forest | 1709528.105 | 44299.33576 |
| Grassland | 4563007.434 | -203248.5344 |
| Other | 729032.2497 | 0 |
| Shrubland | 2127688.45 | 20305.32074 |
| Urban | 967584.0574 | 0 |
| Woodland | 12310503.9 | -880403.9277 |
| **Yountville** | **69608.03547** | **-741.8893014** |
| Coastal Marsh | 1208.478931 | 28.37800771 |

| | | |
|---|---|---|
| Cultivated | 3554.982897 | 15.38016942 |
| Forest | 5029.440407 | 74.65615078 |
| Grassland | 826.6667241 | -36.83176214 |
| Other | 953.6504889 | 0 |
| Shrubland | 2212.623867 | 13.17395321 |
| Urban | 40716.12367 | 0 |
| Woodland | 15106.06848 | -836.6458203 |
| **(blank)** | | |
| (blank) | | |
| **Grand Total** | **29305383.2** | **(980,791)** |

# Carbon (MTCO2e) Stored per Jurisdiction

| Row Labels | Sum of Carbon stored in vegetation (MT CO2e) | Sum of MTCO2e stored in soil | Total |
|---|---|---|---|
| **American Canyon** | **127492.6785** | **244004.4536** | |
| Coastal Marsh | 4581.315992 | 12842.55538 | 17423.87 |
| Cultivated | 46.35803228 | 435.9351452 | 482.2932 |
| Grassland | 5888.880238 | 71186.50093 | 77075.38 |
| Other | 0 | 7529.920928 | 7529.921 |
| Urban | 116131.9438 | 151524.1079 | 267656.1 |
| Woodland | 844.1804431 | 485.4333144 | 1329.614 |
| **Calistoga** | **100534.1715** | **180371.4809** | 280905.7 |
| Coastal Marsh | 665.2971689 | 3115.00407 | 3780.301 |
| Cultivated | 1325.891116 | 26459.05653 | 27784.95 |
| Forest | 35002.68092 | 4787.327859 | 39790.01 |
| Grassland | 861.8062962 | 20234.92436 | 21096.73 |
| Other | 0 | 3787.948726 | 3787.949 |
| Shrubland | 274.512999 | 193.6430509 | 468.156 |
| Urban | 39711.33096 | 105426.3742 | 145137.7 |
| Woodland | 22692.65209 | 16367.20203 | 39059.85 |
| **Napa** | **504640.1997** | **826029.9042** | 1330670 |
| Coastal Marsh | 18860.41833 | 60070.33893 | 78930.76 |
| Cultivated | 2384.023558 | 26701.13582 | 29085.16 |
| Grassland | 4607.620341 | 70213.04505 | 74820.67 |
| Other | 0 | 23771.40864 | 23771.41 |
| Shrubland | 7.24061E-05 | 0.00036312 | 0.000436 |
| Urban | 413816.644 | 602364.0223 | 1016181 |
| Woodland | 64971.49334 | 42909.95309 | 107881.4 |
| **St Helena** | **140947.7571** | **271663.0301** | 412610.8 |
| Coastal Marsh | 1425.281086 | 3024.370105 | 4449.651 |
| Cultivated | 6478.204081 | 107228.8063 | 113707 |
| Forest | 34529.72803 | 6258.675306 | 40788.4 |
| Grassland | 1351.438864 | 25662.43518 | 27013.87 |
| Other | 0 | 4426.771901 | 4426.772 |
| Shrubland | 177.1996961 | 155.4242557 | 332.624 |
| Urban | 52924.72297 | 102516.7439 | 155441.5 |
| Woodland | 44061.1824 | 22389.80328 | 66450.99 |
| **Unincorporated** | **31745376.96** | **27713706.29** | 59459083 |
| Coastal Marsh | 472926.8667 | 1270744.842 | 1743672 |
| Cultivated | 301692.8597 | 4035617.259 | 4337310 |
| Forest | 9614179.798 | 1709528.105 | 11323708 |

| | | | |
|---|---|---|---|
| Grassland | 321004.1577 | 4563007.434 | 4884012 |
| Other | 0 | 729032.2497 | 729032.2 |
| Shrubland | 1825459.024 | 2127688.45 | 3953147 |
| Urban | 653010.7852 | 967584.0574 | 1620595 |
| Woodland | 18557103.47 | 12310503.9 | 30867607 |
| **Yountville** | **62625.12644** | **69608.03547** | 132233.2 |
| Coastal Marsh | 365.2264372 | 1208.478931 | 1573.705 |
| Cultivated | 323.7646316 | 3554.982897 | 3878.748 |
| Forest | 16043.28129 | 5029.440407 | 21072.72 |
| Grassland | 58.02925345 | 826.6667241 | 884.696 |
| Other | 0 | 953.6504889 | 953.6505 |
| Shrubland | 1141.318737 | 2212.623867 | 3353.943 |
| Urban | 25919.1508 | 40716.12367 | 66635.27 |
| Woodland | 18774.35529 | 15106.06848 | 33880.42 |

# Carbon Sequestration by Land Cover

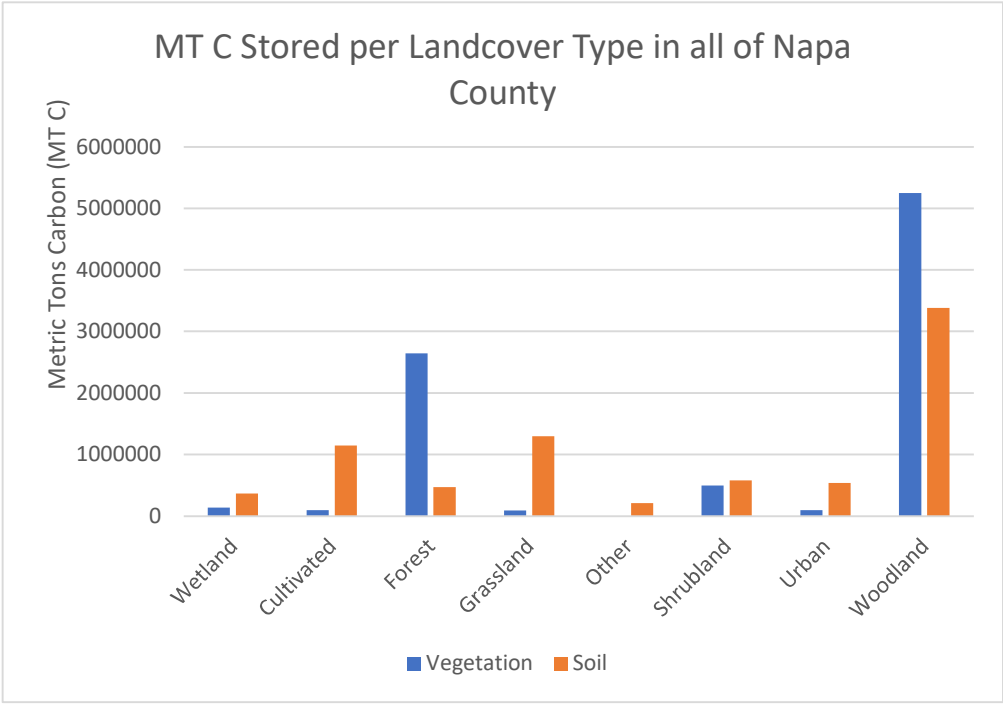
| Vegetation/ Land Cover Type | Vegetation Carbon Sequestration (MT $CO_2e$/year) | Soil Carbon Sequestration (MT $CO_2e$/year) | Total Carbon Sequestration (MT $CO_2e$/year) | Vegetation Carbon Sequestration (MT $CO_2e$/ year) | Soil Carbon Sequestration (MT $CO_2e$/year) | Total Carbon Sequestration (MT $CO_2e$/year) |
|---|---|---|---|---|---|---|
| | Minimum | | | Maximum | | |
| Wetlands | 0 | 5,652 | 5,652 | 0 | 71,865 | 71,865 |
| Cultivated | 0 | -5,467 | -5,467 | 0 | 35,142 | 35,142 |
| Forest | 238,887 | 26,048 | 264,935 | 315,529 | 64,168 | 379,697 |
| Grassland | 0 | -334,950 | -334,950 | 0 | -88,747 | -88,747 |
| Other Lands[1] | 0 | 0 | 0 | 0 | 0 | 0 |
| Shrubland | 45,101 | 14,549 | 59,650 | 90,202 | 26,188 | 116,389 |
| Urban | 71,808 | 0 | 71,808 | 76,891 | 0 | 76,891 |
| Woodland | 988,321 | -1,044,513 | -56,192 | 1,437,859 | -733,804 | 704,055 |
| **Total** | 1,344,117 | -1,338,680 | 5,437 | 1,920,481 | -625,189 | 1,295,292 |

MT C stored in Vegetation and Soils within each jurisdiction and totals

| Row Labels | Sum of Carbon stored in vegetation (MT C) | Sum of MT C stored in soil | Total |
|---|---|---|---|
| **American Canyon** | **11,791** | **66,547** | **78,338** |
| Coastal Marsh | 1,249 | 3,503 | 4,752 |
| Cultivated | 14 | 119 | 133 |
| Grassland | 1,600 | 19,415 | 21,014 |
| Other | - | 2,054 | 2,054 |
| Urban | 8,538 | 41,325 | 49,863 |
| Woodland | 389 | 132 | 522 |
| **Calistoga** | **21,025** | **49,192** | **70,217** |
| Coastal Marsh | 181 | 850 | 1,031 |
| Cultivated | 400 | 7,216 | 7,617 |
| Forest | 9,546 | 1,306 | 10,852 |
| Grassland | 234 | 5,519 | 5,753 |
| Other | - | 1,033 | 1,033 |
| Shrubland | 75 | 53 | 128 |
| Urban | 2,920 | 28,753 | 31,672 |
| Woodland | 7,668 | 4,464 | 12,132 |
| **Napa** | **59,771** | **225,281** | **285,052** |
| Coastal Marsh | 5,144 | 16,383 | 21,527 |
| Cultivated | 727 | 7,282 | 8,009 |
| Grassland | 1,252 | 19,149 | 20,401 |
| Other | - | 6,483 | 6,483 |
| Shrubland | 0 | 0 | 0 |
| Urban | 30,425 | 164,281 | 194,706 |
| Woodland | 22,223 | 11,703 | 33,926 |
| **St Helena** | **30,481** | **74,090** | **104,571** |
| Coastal Marsh | 389 | 825 | 1,214 |
| Cultivated | 1,977 | 29,244 | 31,221 |
| Forest | 9,417 | 1,707 | 11,124 |
| Grassland | 367 | 6,999 | 7,366 |
| Other | - | 1,207 | 1,207 |
| Shrubland | 48 | 42 | 91 |
| Urban | 3,891 | 27,959 | 31,850 |
| Woodland | 14,392 | 6,106 | 20,498 |
| **Unincorporated** | **8,677,381** | **7,558,284** | **16,235,664** |
| Coastal Marsh | 128,980 | 346,567 | 475,547 |
| Cultivated | 92,055 | 1,100,623 | 1,192,678 |
| Forest | 2,622,248 | 466,235 | 3,088,483 |
| Grassland | 87,209 | 1,244,457 | 1,331,666 |
| Other | - | 198,827 | 198,827 |
| Shrubland | 497,912 | 580,279 | 1,078,191 |
| Urban | 48,012 | 263,887 | 311,898 |
| Woodland | 5,200,964 | 3,357,410 | 8,558,374 |
| **Yountville** | **12,219** | **18,984** | **31,203** |
| Coastal Marsh | 100 | 330 | 429 |
| Cultivated | 99 | 970 | 1,068 |
| Forest | 4,375 | 1,372 | 5,747 |
| Grassland | 16 | 225 | 241 |
| Other | - | 260 | 260 |
| Shrubland | 311 | 603 | 915 |
| Urban | 1,906 | 11,104 | 13,010 |
| Woodland | 5,412 | 4,120 | 9,532 |
| **Grand Total** | **8,782,189** | **7,992,377** | **16,774,566** |

## Total MT C By Land Cover

| | Vegetation | Soil | Total |
|---|---|---|---|
| Wetland | 136,043 | 368,456 | 504,499 |
| Cultivated | 95,272 | 1,145,454 | 1,240,726 |
| Forest | 2,645,587 | 470,619 | 3,116,206 |
| Grassland | 90,678 | 1,295,763 | 1,386,441 |
| Other | 0 | 209,864 | 209,864 |
| Shrubland | 498,347 | 580,977 | 1,079,324 |
| Urban | 95,692 | 537,309 | 633,000 |
| Woodland | 5,251,048 | 3,383,935 | 8,634,983 |
| | 8,812,667 | 7,992,377 | 16,805,044 |



CALAND - Land Cover Lookup

| Land Cover | Caland Land Cover Type |
|---|---|
| Developed | Urban |
| Wetland | Coastal Marsh |
| Grassland | Grassland |
| Other | Other |
| Coast Live Oak | Woodland |
| Mixed Oak | Woodland |
| Douglas-fir | Forest |
| Mixed Conifer | Forest |
| Riparian Woodland | Woodland |
| Mixed Shrubland | Shrubland |
| Coast Live Oak/Blue C | Woodland |
| Vineyard | Cultivated |
| Coastal Sage Scrub | Shrubland |
| Chamise Chaparral | Shrubland |
| Mixed Chaparral | Shrubland |
| Canyon Live Oak | Woodland |
| Blue Oak | Woodland |
| Douglas-fir/Ponderos | Forest |
| Orchard | Cultivated |
| Coast Redwood | Forest |
| Valley Oak | Woodland |
| Oregon Oak | Woodland |
| Interior Live Oak | Woodland |
| Interior Live Oak/Blue | Woodland |
| Black Oak | Woodland |
| Tanbark Oak | Woodland |
| | |
| Mixed-conifer | Forest |

| Land Cover | Carbon Storage Factor (MT CO2e/acre) | Carbon Storage Factor MT C/acre | Source |
|---|---|---|---|
| Agriculture | | | |
| Coast Redwood | 448.8 | 122.4 | https://resources.ca.gov/CNRALegacyFiles/wp-content/uploads/2 |
| Douglas-fir | 264.3667 | 72.1 | |
| Mixed Conifer | 210.4667 | 57.4 | |
| Douglas-fir/ponderosa pine | 176.55 | 48.15 | |
| Developed | 12.79 | 3.448 | https://escholarship.org/uc/item/8r83z5wb |
| Grassland | 5.19 | 1.416 | https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=db068c7c3fc0d3c9cc9b3a0f73a9745d96a25235 |
| Coast Live Oak/Blue Oak | 66.7732 | 18.21087273 | https://californiaoaks.org/wp-content/uploads/2016/04/CarbonResourcesFinal.pdf |
| Blue Oak | 45.9993 | 12.54526364 | |
| Mixed Oak | 106.837 | 29.13736364 | |
| Black Oak | 77.1602 | 21.04369091 | |
| Interior Live Oak/Blue Oak | 62.32165 | 16.99681364 | |
| Coast Live Oak | 87.5471 | 23.87648182 | |
| Valley Oak | 35.6124 | 9.712472727 | |
| Canyon Live Oak | 200.32 | 54.63272727 | |
| Interior Live Oak | 78.644 | 21.44836364 | |
| Oregon Oak | 90.5148 | 24.68585455 | |
| Tanbark Oak | 182.514 | 49.77654545 | |
| Other | | | |
| Riparian woodland | 100.9018 | 45.71 | https://www.uvm.edu/seagrant/sites/default/files/files/publication/DybalaEtAl_2018_Carbon%20storage%20riparian%20forests.pdf |

| Land Cover | Carbon Storage Factor MT C/acre |
|---|---|
| Agriculture | |
| Coast Redwood | 122.4 |
| Douglas-fir | 72.1 |
| Mixed Conifer | 57.4 |
| Douglas-fir/ponderosa pine | 48.15 |
| Developed | 3.448 |
| Grassland | 1.41 |
| Coast Live Oak/Blue Oak | 18.21087273 |
| Blue Oak | 12.54526364 |
| Mixed Oak | 29.13736364 |
| Black Oak | 21.04369091 |
| Interior Live Oak/Blue Oak | 16.99681364 |
| Coast Live Oak | 23.87648182 |
| Valley Oak | 9.712472727 |
| Canyon Live Oak | 54.63272727 |
| Interior Live Oak | 21.44836364 |
| Oregon Oak | 24.68585455 |
| Tanbark Oak | 49.77654545 |
| Other | |
| Riparian woodland | 45.71 |

| | | | |
|---|---|---|---|
| Mixed shrubland | 59.32667 | 16.18744 | https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=db068c7c3fc0d3c9cc9b3a0f73a9745d96a25235 |
| Chamise chaparral | 31.38667 | 8.560000909 | https://bioone.org/journals/madro%c3%b1o/volume- |
| Mixed chaparral | 51.37 | 14.01 | |
| Coastal sage scrub | 23.50333 | 6.409999091 | |
| Wetland | 27.5 | 7.5 | https://pubs.usgs.gov/pp/1797/pdf/PP1797_WholeDocument.pdf |
| Vineyard | 5.845 | 1.7869 | https://dokumen.tips/documents/tech |
| Orchard | 14.01 | 3.9533 | |

| | |
|---|---|
| Mixed shrubland | 16.18744 |
| Chamise chaparral | 8.560000909 |
| Mixed chaparral | 14.01 |
| Coastal sage scrub | 6.409999091 |
| Wetland | 7.5 |
| Vineyard | 1.7869 |
| Orchard | 3.9533 |

| Land Type | Region | Ownership | Net Carbon Exchange Vegetation Mg C ha-1 y-1 | Net Carbon Exchange Soil Mg C ha-1 y-1 | Data Source | Vegetation Carbon Sequestration (MT CO2e/acre/yr) (Number) | Vegetation Carbon Sequestration (MT CO2e/acre/yr) (±Range) | Soil Carbon Sequestration (MT CO2e/acre/yr) (Number) | Soil Carbon Sequestration (MT CO2e/acre/yr) (±Range) | Vegetation Carbon Sequestration (MT CO2e/acre/yr) (Min) | Soil Carbon Sequestration (MT CO2e/acre/yr) (Min) | Vegetation Carbon Sequestration (MT CO2e/acre/yr) (Max) | Soil Carbon Sequestration (MT CO2e/acre/yr) (Max) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Water | All | All | NA1 | 0 | [1] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ice | All | All | NA1 | 0 | [1] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Barren | All | All | 0 | 0 | [1] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sparse | All | All | 0 | 0 | [1] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Desert | All | All | 0 | 0.76 ± 0.07 | [1] | 0.00 | 0.00 | 1.13 | 0.10 | 0.00 | 1.02 | 0.00 | 1.23 |
| Shrubland | All | All | 0.93 ± 0.313 | 0.28 ± 0.08 | [1] | 1.38 | 0.46 | 0.42 | 0.12 | 0.92 | 0.30 | 1.84 | 0.53 |
| Grassland | All | All | 0 | -2.22 ± 1.29 | [1] | 0.00 | 0.00 | -3.29 | 1.91 | 0.00 | -5.21 | 0.00 | -1.38 |
| Savanna | All | All | 3.67 ± 0.684 | -2.69 ± 0.475 | [1] | 5.45 | 1.01 | -3.99 | 0.70 | 4.44 | -4.69 | 6.45 | -3.29 |
| Woodland | All | All | 3.67 ± 0.684 | -2.69 ± 0.475 | [1] | 5.45 | 1.01 | -3.99 | 0.70 | 4.44 | -4.69 | 6.45 | -3.29 |
| Meadow | All | All | 0 | 0.95 ± 0.25 | [1] | 0.00 | 0.00 | 1.41 | 0.37 | 0.00 | 1.04 | 0.00 | 1.78 |
| Coastal Marsh | All | All | 0 | 1.44 ± 1.23 | [1] | 0.00 | 0.00 | 2.14 | 1.83 | 0.00 | 0.31 | 0.00 | 3.96 |
| Fresh Marsh | All | All | NA1 | 3.37 ± 0.33 | [1] | 0.00 | 0.00 | 5.00 | 0.49 | 0.00 | 4.51 | 0.00 | 5.49 |
| Cultivated | Non-Delta | All | 0 | 0.19 ± 0.26 | [1] | 0.00 | 0.00 | 0.28 | 0.39 | 0.00 | -0.10 | 0.00 | 0.67 |
| | | | | | | | | | | | | | |
| Urban | Central Coast | All | 1.45 ± 0.046 | 0 | [1] | 2.15 | 0.06 | 0.00 | 0.00 | 2.09 | 0.00 | 2.21 | 0.00 |
| Urban | Central Valley | All | 0.95 ± 0.0066 | 0 | [1] | 1.41 | 0.00 | 0.00 | 0.00 | 1.41 | 0.00 | 1.41 | 0.00 |
| Urban | Delta | All | 0.95 ± 0.0066 | 0 | [1] | 1.41 | 0.00 | 0.00 | 0.00 | 1.41 | 0.00 | 1.41 | 0.00 |
| Urban | Deserts | All | 0.20 ± 0.016 | 0 | [1] | 0.30 | 0.01 | 0.00 | 0.00 | 0.28 | 0.00 | 0.31 | 0.00 |
| Urban | Eastside | All | 0.70 ± 0.016 | 0 | [1] | 1.04 | 0.01 | 0.00 | 0.00 | 1.02 | 0.00 | 1.05 | 0.00 |
| Urban | Klamath | All | 0.70 ± 0.016 | 0 | [1] | 1.04 | 0.01 | 0.00 | 0.00 | 1.02 | 0.00 | 1.05 | 0.00 |
| Urban | North Coast | All | 1.96 ± 0.076 | 0 | [1] | 2.91 | 0.10 | 0.00 | 0.00 | 2.80 | 0.00 | 3.01 | 0.00 |
| Urban | Sierra Cascades | All | 0.70 ± 0.016 | 0 | [1] | 1.04 | 0.01 | 0.00 | 0.00 | 1.02 | 0.00 | 1.05 | 0.00 |
| Forest | Central Coast | Other federal | 1.82 ± 0.128,9 | 0.71 ± 0.3010 | [1] | 2.70 | 0.18 | 1.05 | 0.45 | 2.52 | 0.61 | 2.88 | 1.50 |
| Forest | Central Coast | U.S. Bureau of Land Management | 0.44 ± 0.268,9 | 0.71 ± 0.3010 | [1] | 0.65 | 0.39 | 1.05 | 0.45 | 0.27 | 0.61 | 1.04 | 1.50 |
| Forest | Central Coast | U.S. Department of Defense | 0.44 ± 0.268,9 | 0.71 ± 0.3010 | [1] | 0.65 | 0.39 | 1.05 | 0.45 | 0.27 | 0.61 | 1.04 | 1.50 |
| Forest | Central Coast | Conservation Easement Protected | 1.85 ± 0.428,9 | 0.71 ± 0.3010 | [1] | 2.75 | 0.62 | 1.05 | 0.45 | 2.12 | 0.61 | 3.37 | 1.50 |
| Forest | Central Coast | Local Government | 2.62 ± 0.828,9 | 0.71 ± 0.3010 | [1] | 3.89 | 1.22 | 1.05 | 0.45 | 2.67 | 0.61 | 5.10 | 1.50 |
| Forest | Central Coast | National Park Service | 0.44 ± 0.268,9 | 0.71 ± 0.3010 | [1] | 0.65 | 0.39 | 1.05 | 0.45 | 0.27 | 0.61 | 1.04 | 1.50 |
| Forest | Central Coast | Private | 2.03 ± 0.398,9 | 0.71 ± 0.3010 | [1] | 3.01 | 0.58 | 1.05 | 0.45 | 2.43 | 0.61 | 3.59 | 1.50 |
| Forest | Central Coast | State Government | 2.62 ± 0.828,9 | 0.71 ± 0.3010 | [1] | 3.89 | 1.22 | 1.05 | 0.45 | 2.67 | 0.61 | 5.10 | 1.50 |
| Forest | Central Coast | USFS (non-wilderness) | 0.74 ± 0.358,9 | 0.71 ± 0.3010 | [1] | 1.10 | 0.52 | 1.05 | 0.45 | 0.58 | 0.61 | 1.62 | 1.50 |
| Forest | Central Valley | U.S. Bureau of Land Management | 0 | 0.71 ± 0.3010 | [1] | 0.00 | 0.00 | 1.05 | 0.45 | 0.00 | 0.61 | 0.00 | 1.50 |
| Forest | Central Valley | U.S. Department of Defense | 0 | 0.71 ± 0.3010 | [1] | 0.00 | 0.00 | 1.05 | 0.45 | 0.00 | 0.61 | 0.00 | 1.50 |
| Forest | Central Valley | Conservation Easement Protected | 1.26 ± 0.808,9 | 0.71 ± 0.3010 | [1] | 1.87 | 1.19 | 1.05 | 0.45 | 0.68 | 0.61 | 3.06 | 1.50 |
| Forest | Central Valley | Local Government | 0.79 ± 0.958,9 | 0.71 ± 0.3010 | [1] | 1.17 | 1.41 | 1.05 | 0.45 | -0.24 | 0.61 | 2.58 | 1.50 |
| Forest | Central Valley | Private | 1.15 ± 0.748,9 | 0.71 ± 0.3010 | [1] | 1.71 | 1.10 | 1.05 | 0.45 | 0.61 | 0.61 | 2.80 | 1.50 |
| Forest | Central Valley | State Government | 0.79 ± 0.958,9 | 0.71 ± 0.3010 | [1] | 1.17 | 1.41 | 1.05 | 0.45 | -0.24 | 0.61 | 2.58 | 1.50 |
| Forest | Delta | U.S. Bureau of Land Management | 0.00 ± 0.002 | 0.71 ± 0.3010 | [1] | 0.00 | 0.00 | 1.05 | 0.45 | 0.00 | 0.61 | 0.00 | 1.50 |
| Forest | Delta | U.S. Department of Defense | 0 | 0.71 ± 0.3010 | [1] | 0.00 | 0.00 | 1.05 | 0.45 | 0.00 | 0.61 | 0.00 | 1.50 |
| Forest | Delta | Conservation Easement Protected | 1.26 ± 0.808,9 | 0.71 ± 0.3010 | [1] | 1.87 | 1.19 | 1.05 | 0.45 | 0.68 | 0.61 | 3.06 | 1.50 |
| Forest | Delta | Local Government | 0.79 ± 0.958,9 | 0.71 ± 0.3010 | [1] | 1.17 | 1.41 | 1.05 | 0.45 | -0.24 | 0.61 | 2.58 | 1.50 |
| Forest | Delta | Private | 1.15 ± 0.748,9 | 0.71 ± 0.3010 | [1] | 1.71 | 1.10 | 1.05 | 0.45 | 0.61 | 0.61 | 2.80 | 1.50 |
| Forest | Delta | State Government | 0.79 ± 0.958,9 | 0.71 ± 0.3010 | [1] | 1.17 | 1.41 | 1.05 | 0.45 | -0.24 | 0.61 | 2.58 | 1.50 |
| Forest | Deserts | U.S. Bureau of Land Management | 0.05 ± 0.038,9 | 0.71 ± 0.3010 | [1] | 0.07 | 0.04 | 1.05 | 0.45 | 0.03 | 0.61 | 0.12 | 1.50 |
| Forest | Deserts | U.S. Department of Defense | 0.05 ± 0.038,9 | 0.71 ± 0.3010 | [1] | 0.07 | 0.04 | 1.05 | 0.45 | 0.03 | 0.61 | 0.12 | 1.50 |
| Forest | Deserts | Conservation Easement Protected | 0.32 ± 0.148,9 | 0.71 ± 0.3010 | [1] | 0.47 | 0.21 | 1.05 | 0.45 | 0.27 | 0.61 | 0.68 | 1.50 |
| Forest | Deserts | Local Government | 0.41 ± 0.358,9 | 0.71 ± 0.3010 | [1] | 0.61 | 0.52 | 1.05 | 0.45 | 0.09 | 0.61 | 1.13 | 1.50 |
| Forest | Deserts | National Park Service | 0.05 ± 0.038,9 | 0.71 ± 0.3010 | [1] | 0.07 | 0.04 | 1.05 | 0.45 | 0.03 | 0.61 | 0.12 | 1.50 |
| Forest | Deserts | Private | 0.27 ± 0.118,9 | 0.71 ± 0.3010 | [1] | 0.40 | 0.16 | 1.05 | 0.45 | 0.24 | 0.61 | 0.56 | 1.50 |
| Forest | Deserts | State Government | 0.41 ± 0.358,9 | 0.71 ± 0.3010 | [1] | 0.61 | 0.52 | 1.05 | 0.45 | 0.09 | 0.61 | 1.13 | 1.50 |
| Forest | Deserts | USFS (non-wilderness) | 0.65 ± 0.158,9 | 0.71 ± 0.3010 | [1] | 0.96 | 0.22 | 1.05 | 0.45 | 0.74 | 0.61 | 1.19 | 1.50 |
| Forest | Eastside | U.S. Bureau of Land Management | 0.20 ± 0.058,9 | 0.71 ± 0.3010 | [1] | 0.30 | 0.07 | 1.05 | 0.45 | 0.22 | 0.61 | 0.37 | 1.50 |
| Forest | Eastside | U.S. Department of Defense | 0.20 ± 0.058,9 | 0.71 ± 0.3010 | [1] | 0.30 | 0.07 | 1.05 | 0.45 | 0.22 | 0.61 | 0.37 | 1.50 |
| Forest | Eastside | Conservation Easement Protected | 0.50 ± 0.218,9 | 0.71 ± 0.3010 | [1] | 0.74 | 0.31 | 1.05 | 0.45 | 0.43 | 0.61 | 1.05 | 1.50 |
| Forest | Eastside | Local Government | 1.32 ± 1.528,9 | 0.71 ± 0.3010 | [1] | 1.96 | 2.26 | 1.05 | 0.45 | -0.30 | 0.61 | 4.21 | 1.50 |
| Forest | Eastside | National Park Service | 0.20 ± 0.058,9 | 0.71 ± 0.3010 | [1] | 0.30 | 0.07 | 1.05 | 0.45 | 0.22 | 0.61 | 0.37 | 1.50 |
| Forest | Eastside | Private | 1.21 ± 0.308,9 | 0.71 ± 0.3010 | [1] | 1.80 | 0.45 | 1.05 | 0.45 | 1.35 | 0.61 | 2.24 | 1.50 |
| Forest | Eastside | State Government | 1.32 ± 1.528,9 | 0.71 ± 0.3010 | [1] | 1.96 | 2.26 | 1.05 | 0.45 | -0.30 | 0.61 | 4.21 | 1.50 |
| Forest | Eastside | USFS (non-wilderness) | 0.74 ± 0.118,9 | 0.71 ± 0.3010 | [1] | 1.10 | 0.16 | 1.05 | 0.45 | 0.93 | 0.61 | 1.26 | 1.50 |
| Forest | Klamath | U.S. Bureau of Land Management | 3.00 ± 0.858,9 | 0.71 ± 0.3010 | [1] | 4.45 | 1.26 | 1.05 | 0.45 | 3.19 | 0.61 | 5.71 | 1.50 |
| Forest | Klamath | U.S. Department of Defense | 3.00 ± 0.858,9 | 0.71 ± 0.3010 | [1] | 4.45 | 1.26 | 1.05 | 0.45 | 3.19 | 0.61 | 5.71 | 1.50 |
| Forest | Klamath | Conservation Easement Protected | 2.38 ± 0.308,9 | 0.71 ± 0.3010 | [1] | 3.53 | 0.45 | 1.05 | 0.45 | 3.09 | 0.61 | 3.98 | 1.50 |
| Forest | Klamath | Local Government | 1.36 ± 0.798,9 | 0.71 ± 0.3010 | [1] | 2.02 | 1.17 | 1.05 | 0.45 | 0.85 | 0.61 | 3.19 | 1.50 |
| Forest | Klamath | National Park Service | 3.00 ± 0.858,9 | 0.71 ± 0.3010 | [1] | 4.45 | 1.26 | 1.05 | 0.45 | 3.19 | 0.61 | 5.71 | 1.50 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Forest | Klamath | Private | 2.74 ± 0.248,9 | 0.71 ± 0.3010 | [1] | 4.07 | 0.36 | 1.05 | 0.45 | 3.71 | 0.61 | 4.42 | 1.50 |
| Forest | Klamath | State Government | 1.36 ± 0.798,9 | 0.71 ± 0.3010 | [1] | 2.02 | 1.17 | 1.05 | 0.45 | 0.85 | 0.61 | 3.19 | 1.50 |
| Forest | North Coast | USFS (non-wilderness) | 2.61 ± 0.178,9 | 0.71 ± 0.3010 | [1] | 3.87 | 0.25 | 1.05 | 0.45 | 3.62 | 0.61 | 4.13 | 1.50 |
| Forest | North Coast | U.S. Bureau of Land Management | 5.18 ± 1.888,9 | 0.71 ± 0.3010 | [1] | 7.69 | 2.79 | 1.05 | 0.45 | 4.90 | 0.61 | 10.48 | 1.50 |
| Forest | North Coast | U.S. Department of Defense | 5.18 ± 1.888,9 | 0.71 ± 0.3010 | [1] | 7.69 | 2.79 | 1.05 | 0.45 | 4.90 | 0.61 | 10.48 | 1.50 |
| Forest | North Coast | Conservation Easement Protected | 4.11 ± 0.628,9 | 0.71 ± 0.3010 | [1] | 6.10 | 0.92 | 1.05 | 0.45 | 5.18 | 0.61 | 7.02 | 1.50 |
| Forest | North Coast | Local Government | 5.98 ± 1.538,9 | 0.71 ± 0.3010 | [1] | 8.87 | 2.27 | 1.05 | 0.45 | 6.60 | 0.61 | 11.14 | 1.50 |
| Forest | North Coast | National Park Service | 5.18 ± 1.888,9 | 0.71 ± 0.3010 | [1] | 7.69 | 2.79 | 1.05 | 0.45 | 4.90 | 0.61 | 10.48 | 1.50 |
| Forest | North Coast | Private | 4.91 ± 0.458,9 | 0.71 ± 0.3010 | [1] | 7.29 | 0.67 | 1.05 | 0.45 | 6.62 | 0.61 | 7.95 | 1.50 |
| Forest | North Coast | State Government | 5.98 ± 1.538,9 | 0.71 ± 0.3010 | [1] | 8.87 | 2.27 | 1.05 | 0.45 | 6.60 | 0.61 | 11.14 | 1.50 |
| Forest | North Coast | USFS (non-wilderness) | 7.94 ± 5.158,9 | 0.71 ± 0.3010 | [1] | 11.78 | 7.64 | 1.05 | 0.45 | 4.14 | 0.61 | 19.42 | 1.50 |
| Forest | Sierra Cascades | U.S. Bureau of Land Management | 1.48 ± 0.188,9 | 0.71 ± 0.3010 | [1] | 2.20 | 0.27 | 1.05 | 0.45 | 1.93 | 0.61 | 2.46 | 1.50 |
| Forest | Sierra Cascades | U.S. Department of Defense | 1.48 ± 0.188,9 | 0.71 ± 0.3010 | [1] | 2.20 | 0.27 | 1.05 | 0.45 | 1.93 | 0.61 | 2.46 | 1.50 |
| Forest | Sierra Cascades | Conservation Easement Protected | 1.20 ± 0.128,9 | 0.71 ± 0.3010 | [1] | 1.78 | 0.18 | 1.05 | 0.45 | 1.60 | 0.61 | 1.96 | 1.50 |
| Forest | Sierra Cascades | Local Government | 2.55 ± 0.828,9 | 0.71 ± 0.3010 | [1] | 3.78 | 1.22 | 1.05 | 0.45 | 2.57 | 0.61 | 5.00 | 1.50 |
| Forest | Sierra Cascades | National Park Service | 1.48 ± 0.188,9 | 0.71 ± 0.3010 | [1] | 2.20 | 0.27 | 1.05 | 0.45 | 1.93 | 0.61 | 2.46 | 1.50 |
| Forest | Sierra Cascades | Private | 2.09 ± 0.148,9 | 0.71 ± 0.3010 | [1] | 3.10 | 0.21 | 1.05 | 0.45 | 2.89 | 0.61 | 3.31 | 1.50 |
| Forest | Sierra Cascades | State Government | 2.55 ± 0.828,9 | 0.71 ± 0.3010 | [1] | 3.78 | 1.22 | 1.05 | 0.45 | 2.57 | 0.61 | 5.00 | 1.50 |
| Forest | Sierra Cascades | USFS (non-wilderness) | 2.45 ± 0.118,9 | 0.71 ± 0.3010 | [1] | 3.64 | 0.16 | 1.05 | 0.45 | 3.47 | 0.61 | 3.80 | 1.50 |
| Forest | South Coast | U.S. Bureau of Land Management | 0.05 ± 0.038,9 | 0.71 ± 0.3010 | [1] | 0.07 | 0.04 | 1.05 | 0.45 | 0.03 | 0.61 | 0.12 | 1.50 |
| Forest | South Coast | U.S. Department of Defense | 0.05 ± 0.038,9 | 0.71 ± 0.3010 | [1] | 0.07 | 0.04 | 1.05 | 0.45 | 0.03 | 0.61 | 0.12 | 1.50 |
| Forest | South Coast | Conservation Easement Protected | 0.32 ± 0.148,9 | 0.71 ± 0.3010 | [1] | 0.47 | 0.21 | 1.05 | 0.45 | 0.27 | 0.61 | 0.68 | 1.50 |
| Forest | South Coast | Local Government | 0.41 ± 0.358,9 | 0.71 ± 0.3010 | [1] | 0.61 | 0.52 | 1.05 | 0.45 | 0.09 | 0.61 | 1.13 | 1.50 |
| Forest | South Coast | National Park Service | 0.05 ± 0.038,9 | 0.71 ± 0.3010 | [1] | 0.07 | 0.04 | 1.05 | 0.45 | 0.03 | 0.61 | 0.12 | 1.50 |
| Forest | South Coast | Private | 0.27 ± 0.118,9 | 0.71 ± 0.3010 | [1] | 0.40 | 0.16 | 1.05 | 0.45 | 0.24 | 0.61 | 0.56 | 1.50 |
| Forest | South Coast | State Government | 0.41 ± 0.358,9 | 0.71 ± 0.3010 | [1] | 0.61 | 0.52 | 1.05 | 0.45 | 0.09 | 0.61 | 1.13 | 1.50 |
| Forest | South Coast | USFS (non-wilderness) | 0.65 ± 0.158,9 | 0.71 ± 0.3010 | [1] | 0.96 | 0.22 | 1.05 | 0.45 | 0.74 | 0.61 | 1.19 | 1.50 |
| Seagrass | Ocean | Other Federal | NA1 | 0.45 ± 0.45 | [1] | 0.00 | 0.00 | 0.67 | 0.67 | 0.00 | 0.00 | 0.00 | 1.34 |
| Other | | | | | [1] | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

[1] CALAND v3 Technical Documentation (Appx B)
https://data.cnra.ca.gov/dataset/bb90d8db-39ca-4972-b19a-b613c1575cb0/resource/66e1ec60-0cff-4bda-95bb-e34816e1c68b/download/caland_technical_documentation_v3_june2019.pdf

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cultivated | Delta | All | 0 | -2.82 ± 2.51 | [1] | 0.00 | 0.00 | -4.18 | 3.72 | 0.00 | -7.91 | 0.00 | -0.46 |

**Table 5.3. Minimum and maximum estimates of carbon stored in the Western United States in 2005, by carbon pool for each ecoregion and ecosystem.**

[Only soil organic carbon (SOC) in the top 20 cm of the soil layer was calculated. km2, square kilometers; max, maximum; min, minimum; TgC, teragrams of carbon or 1012 grams of carbon].

| Ecoregion | Ecosystem | Area (km2) | Live biomass (TgC) | | Soil (TgC) | | Dead biomass (TgC) | | Total (TgC) | | MT C/acre Vegetation (min) | MT C/acre Vegetation (max) | MT C/acre Soil (min) | MT C/acre Soil (max) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Min | Max | Min | Max | Min | Max | Min | Max | | | | |
| Western Cordillera | Forests | 546,533 | 3,304.6 | 3,689.4 | 1,599.5 | 1,887.7 | 1,398.0 | 2,348.2 | 6,648.2 | 7,557.6 | 35 | 45 | 12 | 14 |
| Western Cordillera | Grasslands/shrublands | 277,874 | 71.5 | 148.6 | 629.1 | 718.9 | 0.0 | 222.5 | 745.8 | 1,090.0 | 1 | 5 | 9 | 10 |
| Western Cordillera | Agricultural lands | 16,722 | 0.1 | 2.4 | 64.4 | 65.3 | 0.0 | 8.1 | 67.7 | 72.6 | 0 | 3 | 16 | 16 |
| Western Cordillera | Wetlands | 3,656 | 4.7 | 5.2 | 13.8 | 18.4 | 2.4 | 5.7 | 23.2 | 28.8 | 8 | 12 | 15 | 20 |
| Western Cordillera | Other lands | 27,469 | 0.2 | 0.4 | 1.9 | 43.9 | 0.0 | 0.7 | 2.9 | 44.1 | 0 | 0 | 0 | 6 |
| Western Cordillera | Total | 872,253 | 3,381.1 | 3,846.0 | 2,308.7 | 2,734.2 | 1,400.4 | 2,585.2 | 7,487.7 | 8,793.1 | 22 | 30 | 11 | 13 |
| Marine West Coast Forest | Forests | 64,601 | 696.0 | 829.8 | 398.7 | 416.4 | 235.8 | 336.2 | 1,347.6 | 1,510.5 | 58 | 73 | 25 | 26 |
| Marine West Coast Forest | Grasslands/shrublands | 4,542 | 1.7 | 4.0 | 19.1 | 23.4 | 0.0 | 6.0 | 20.7 | 32.7 | 2 | 9 | 17 | 21 |
| Marine West Coast Forest | Agricultural lands | 10,418 | 0.1 | 1.5 | 61.1 | 64.6 | 0.0 | 6.0 | 65.9 | 67.2 | 0 | 3 | 24 | 25 |
| Marine West Coast Forest | Wetlands | 588 | 2.3 | 2.8 | 3.0 | 3.8 | 0.4 | 1.0 | 5.6 | 7.1 | 19 | 26 | 21 | 26 |
| Marine West Coast Forest | Other lands | 15,262 | 0.0 | 1.0 | 4.0 | 28.4 | 0.0 | 2.2 | 7.0 | 28.4 | - | 1 | 1 | 8 |
| Marine West Coast Forest | Total | 95,411 | 700.1 | 839.0 | 485.8 | 536.6 | 236.2 | 351.5 | 1,446.9 | 1,645.9 | 40 | 50 | 21 | 23 |
| Cold Deserts | Forests | 97,180 | 269.4 | 293.6 | 179.6 | 213.5 | 131.7 | 222.2 | 638.8 | 685.1 | 17 | 21 | 7 | 9 |
| Cold Deserts | Grasslands/shrublands | 804,658 | 275.1 | 371.8 | 960.1 | 1,191.0 | 0.0 | 519.6 | 1,370.9 | 2,066.1 | 1 | 4 | 5 | 6 |
| Cold Deserts | Agricultural lands | 81,191 | 0.1 | 12.9 | 222.0 | 254.3 | 0.0 | 41.9 | 234.9 | 296.3 | 0 | 3 | 11 | 13 |
| Cold Deserts | Wetlands | 4,635 | 2.6 | 3.7 | 14.9 | 20.0 | 1.9 | 5.3 | 21.0 | 27.9 | 4 | 8 | 13 | 17 |
| Cold Deserts | Other lands | 68,392 | 0.0 | 0.3 | 2.7 | 49.0 | 0.0 | 0.3 | 3.0 | 49.0 | - | 0 | 0 | 3 |
| Cold Deserts | Total | 1,056,055 | 547.2 | 682.4 | 1,379.3 | 1,727.9 | 133.6 | 789.4 | 2,268.6 | 3,124.4 | 3 | 6 | 5 | 7 |
| Warm Deserts | Forests | 8,084 | 20.1 | 22.7 | 7.3 | 10.4 | 8.7 | 19.8 | 39.9 | 49.8 | 14 | 21 | 4 | 5 |
| Warm Deserts | Grasslands/shrublands | 403,390 | 120.4 | 193.5 | 300.3 | 418.1 | 0.0 | 204.1 | 470.7 | 815.7 | 1 | 4 | 3 | 4 |
| Warm Deserts | Agricultural lands | 11,334 | 0.0 | 2.0 | 10.7 | 25.4 | 0.0 | 8.6 | 12.6 | 35.5 | - | 4 | 4 | 9 |
| Warm Deserts | Wetlands | 326 | 0.2 | 0.3 | 0.3 | 0.5 | 0.0 | 0.6 | 0.5 | 1.1 | 2 | 11 | 4 | 6 |
| Warm Deserts | Other lands | 42,150 | 0.0 | 0.2 | 0.8 | 18.4 | 0.0 | 0.2 | 0.9 | 18.9 | - | 0 | 0 | 2 |
| Warm Deserts | Total | 465,285 | 140.6 | 218.6 | 319.4 | 472.8 | 8.8 | 233.3 | 524.6 | 921.0 | 1 | 4 | 3 | 4 |
| Mediterranean California | Forests | 29,945 | 250.9 | 296.0 | 56.9 | 85.7 | 88.3 | 119.0 | 424.9 | 469.8 | 46 | 56 | 8 | 12 |
| Mediterranean California | Grasslands/shrublands | 74,294 | 28.1 | 37.2 | 125.9 | 179.9 | 0.0 | 62.9 | 154.0 | 279.8 | 2 | 5 | 7 | 10 |
| Mediterranean California | Agricultural lands | 41,046 | 0.0 | 7.4 | 94.2 | 146.6 | 0 | 35.1 | 101.6 | 188.4 | - | 4 | 9 | 14 |
| Mediterranean California | Wetlands | 910 | 0.5 | 0.9 | 4.4 | 5.0 | 0.4 | 1.5 | 5.8 | 7.0 | 4 | 11 | 20 | 22 |
| Mediterranean California | Other lands | 23,259 | 0.0 | 0.4 | 3.9 | 31.2 | 0.0 | 0.3 | 4.3 | 31.2 | - | 0 | 1 | 5 |
| Mediterranean California | Total | 169,455 | 279.5 | 341.8 | 285.3 | 448.4 | 88.7 | 218.8 | 690.5 | 976.3 | 9 | 13 | 7 | 11 |

Source: USGS 2012. https://pubs.usgs.gov/pp/1797/pdf/PP1797_WholeDocument.pdf

| | Map Unit Symbol | Component Name - Local Phase | | | | g/cc | g/cc | g/cc | pct | pct | pct | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Moist Bulk Density Range (lov | Moist Bulk Density Ran | Moist Bulk Density Range (Hig | Organic Matter Range (lo | Organic Matter Range | Organic matter Range (h | | **Soil Carbon Calculations (from Carbon Cycle Institute)** | | | | | | |
| AREASYMBOL | MUSYM | Muname | horizon depth low | horizon depth high | Horizon Thickness (in) | Moist bulk density low | Med Density | moist bulk density high | organic matter low | Med OM | organic matter high | depth interval (inches) | depth interval (cm) | soil mass per area (g/cm2) | soil mass per area (g/acre) | soil mass per area (metric ton/acre) | mass of soil organic matter per acre (metric ton OM per acre) | mass of soil carbon per acre (metric ton C/acre) | mass of soil carbon per acre (metric ton CO2e/acre) |
| CA550 | 100: | Aiken | 0 | 8 | 8.00 | 1.4 | 1.45 | 1.5 | 2 | 5 | 8 | 8.00 | 20.32 | 29.5 | 1192370546 | 1192 | 17.3 | 10.0 | 36.8 |
| CA550 | 100: | Aiken | 8 | 14 | 6.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 6.00 | 15.24 | 22.1 | 894277909 | 894 | 13.0 | 7.5 | 27.6 |
| CA550 | 100: | Aiken | 14 | 44 | 30.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 30.00 | 76.2 | 106.7 | 4317203700 | 4317 | 60.4 | 35.1 | 128.5 |
| CA550 | 101: | Aiken | 0 | 8 | 8.00 | 1.4 | 1.45 | 1.5 | 2 | 5 | 8 | 8.00 | 20.32 | 29.5 | 1192370546 | 1192 | 17.3 | 10.0 | 36.8 |
| CA550 | 101: | Aiken | 8 | 14 | 6.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 6.00 | 15.24 | 22.1 | 894277909 | 894 | 13.0 | 7.5 | 27.6 |
| CA550 | 101: | Aiken | 14 | 44 | 30.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 30.00 | 76.2 | 106.7 | 4317203700 | 4317 | 60.4 | 35.1 | 128.5 |
| CA550 | 102: | Aiken | 0 | 8 | 8.00 | 1.4 | 1.45 | 1.5 | 2 | 5 | 8 | 8.00 | 20.32 | 29.5 | 1192370546 | 1192 | 17.3 | 10.0 | 36.8 |
| CA550 | 102: | Aiken | 8 | 14 | 6.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 6.00 | 15.24 | 22.1 | 894277909 | 894 | 13.0 | 7.5 | 27.6 |
| CA550 | 102: | Aiken | 14 | 44 | 30.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 30.00 | 76.2 | 106.7 | 4317203700 | 4317 | 60.4 | 35.1 | 128.5 |
| CA550 | 103: | Bale | 0 | 24 | 24.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 24.00 | 60.96 | 88.4 | 3577111637 | 3577 | 51.9 | 30.1 | 110.3 |
| CA550 | 103: | Bale | 24 | 60 | 36.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 36.00 | 91.44 | 132.6 | 5365667456 | 5366 | 77.8 | 45.1 | 165.5 |
| CA550 | 104: | Bale | 0 | 24 | 24.00 | 1.3 | 1.375 | 1.45 | 1 | 2 | 3 | 24.00 | 60.96 | 83.8 | 3392088622 | 3392 | 46.6 | 27.1 | 99.2 |
| CA550 | 104: | Bale | 24 | 60 | 36.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 36.00 | 91.44 | 132.6 | 5365667456 | 5366 | 77.8 | 45.1 | 165.5 |
| CA550 | 105: | Bale | 0 | 24 | 24.00 | 1.3 | 1.375 | 1.45 | 1 | 2 | 3 | 24.00 | 60.96 | 83.8 | 3392088622 | 3392 | 46.6 | 27.1 | 99.2 |
| CA550 | 105: | Bale | 24 | 60 | 36.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 36.00 | 91.44 | 132.6 | 5365667456 | 5366 | 77.8 | 45.1 | 165.5 |
| CA550 | 106: | Bale | 0 | 24 | 24.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 24.00 | 60.96 | 88.4 | 3577111637 | 3577 | 51.9 | 30.1 | 110.3 |
| CA550 | 106: | Bale | 24 | 60 | 36.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 36.00 | 91.44 | 132.6 | 5365667456 | 5366 | 77.8 | 45.1 | 165.5 |
| CA550 | 106: | Bale | 0 | 24 | 24.00 | 1.3 | 1.375 | 1.45 | 1 | 2 | 3 | 24.00 | 60.96 | 83.8 | 3392088622 | 3392 | 46.6 | 27.1 | 99.2 |
| CA550 | 106: | Bale | 24 | 60 | 36.00 | 1.4 | 1.45 | 1.5 | 1 | 3 | 5 | 36.00 | 91.44 | 132.6 | 5365667456 | 5366 | 77.8 | 45.1 | 165.5 |
| CA550 | 107: | Boomer | 0 | 2 | 2.00 | 0.25 | 0.27 | 0.29 | 50 | 60 | 70 | 2.00 | 5.08 | 1.4 | 55506905 | 56 | 0.1 | 0.1 | 0.3 |
| CA550 | 107: | Boomer | 2 | 6 | 4.00 | 1.18 | 1.265 | 1.35 | 3 | 4.5 | 6 | 4.00 | 10.16 | 12.9 | 520120255 | 520 | 6.6 | 3.8 | 14.0 |
| CA550 | 107: | Boomer | 6 | 13 | 7.00 | 1.37 | 1.385 | 1.4 | 2 | 2.5 | 3 | 7.00 | 17.78 | 24.6 | 996554521 | 997 | 13.8 | 8.0 | 29.4 |
| CA550 | 107: | Boomer | 13 | 24 | 11.00 | 1.31 | 1.41 | 1.51 | 0.6 | 0.8 | 1 | 11.00 | 27.94 | 39.4 | 1594281652 | 1594 | 22.5 | 13.0 | 47.8 |
| CA550 | 107: | Boomer | 24 | 36 | 12.00 | 1.49 | 1.525 | 1.56 | 0.3 | 0.4 | 0.5 | 12.00 | 30.48 | 46.5 | 1881067327 | 1881 | 28.7 | 16.6 | 61.0 |
| CA550 | 107: | Boomer | 36 | 46 | 10.00 | 1.51 | 1.52 | 1.53 | 0.2 | 0.25 | 0.3 | 10.00 | 25.4 | 38.6 | 1562416577 | 1562 | 23.7 | 13.8 | 50.5 |
| CA550 | 108: | Boomer | 0 | 2 | 2.00 | 0.25 | 0.27 | 0.29 | 50 | 60 | 70 | 2.00 | 5.08 | 1.4 | 55506905 | 56 | 0.1 | 0.1 | 0.3 |
| CA550 | 108: | Boomer | 2 | 6 | 4.00 | 1.18 | 1.265 | 1.35 | 3 | 4.5 | 6 | 4.00 | 10.16 | 12.9 | 520120255 | 520 | 6.6 | 3.8 | 14.0 |
| CA550 | 108: | Boomer | 6 | 13 | 7.00 | 1.37 | 1.385 | 1.4 | 2 | 2.5 | 3 | 7.00 | 17.78 | 24.6 | 996554521 | 997 | 13.8 | 8.0 | 29.4 |
| CA550 | 108: | Boomer | 13 | 24 | 11.00 | 1.31 | 1.41 | 1.51 | 0.6 | 0.8 | 1 | 11.00 | 27.94 | 39.4 | 1594281652 | 1594 | 22.5 | 13.0 | 47.8 |
| CA550 | 108: | Boomer | 24 | 36 | 12.00 | 1.49 | 1.525 | 1.56 | 0.3 | 0.4 | 0.5 | 12.00 | 30.48 | 46.5 | 1881067327 | 1881 | 28.7 | 16.6 | 61.0 |
| CA550 | 108: | Boomer | 36 | 46 | 10.00 | 1.51 | 1.52 | 1.53 | 0.2 | 0.25 | 0.3 | 10.00 | 25.4 | 38.6 | 1562416577 | 1562 | 23.7 | 13.8 | 50.5 |
| CA550 | 109: | Boomer | 0 | 2 | 2.00 | 0.25 | 0.27 | 0.29 | 50 | 60 | 70 | 2.00 | 5.08 | 1.4 | 55506905 | 56 | 0.1 | 0.1 | 0.3 |
| CA550 | 109: | Boomer | 2 | 6 | 4.00 | 1.18 | 1.265 | 1.35 | 3 | 4.5 | 6 | 4.00 | 10.16 | 12.9 | 520120255 | 520 | 6.6 | 3.8 | 14.0 |
| CA550 | 109: | Boomer | 6 | 13 | 7.00 | 1.37 | 1.385 | 1.4 | 2 | 2.5 | 3 | 7.00 | 17.78 | 24.6 | 996554521 | 997 | 13.8 | 8.0 | 29.4 |
| CA550 | 109: | Boomer | 13 | 24 | 11.00 | 1.31 | 1.41 | 1.51 | 0.6 | 0.8 | 1 | 11.00 | 27.94 | 39.4 | 1594281652 | 1594 | 22.5 | 13.0 | 47.8 |
| CA550 | 109: | Boomer | 24 | 36 | 12.00 | 1.49 | 1.525 | 1.56 | 0.3 | 0.4 | 0.5 | 12.00 | 30.48 | 46.5 | 1881067327 | 1881 | 28.7 | 16.6 | 61.0 |
| CA550 | 109: | Boomer | 36 | 46 | 10.00 | 1.51 | 1.52 | 1.53 | 0.2 | 0.25 | 0.3 | 10.00 | 25.4 | 38.6 | 1562416577 | 1562 | 23.7 | 13.8 | 50.5 |
| CA550 | 110: | Boomer | 0 | 4 | 4.00 | 1.3 | 1.375 | 1.45 | 1 | 2 | 3 | 4.00 | 10.16 | 14.0 | 565348104 | 565 | 7.8 | 4.5 | 16.5 |
| CA550 | 110: | Boomer | 4 | 44 | 40.00 | 1.3 | 1.375 | 1.45 | 0.5 | 0.75 | 1 | 40.00 | 101.6 | 139.7 | 5653481036 | 5653 | 77.7 | 45.1 | 165.3 |
| CA550 | 110: | Forward | 0 | 4 | 4.00 | 0.85 | 0.875 | 0.9 | 2 | 3 | 4 | 4.00 | 10.16 | 8.9 | 359766975 | 360 | 3.1 | 1.8 | 6.7 |
| CA550 | 110: | Forward | 4 | 35 | 31.00 | 0.85 | 0.875 | 0.9 | 0.5 | 1.25 | 2 | 31.00 | 78.74 | 68.9 | 2788194056 | 2788 | 24.4 | 14.2 | 51.9 |
| CA550 | 110: | Felta | 0 | 7 | 7.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 7.00 | 17.78 | 25.8 | 1043324228 | 1043 | 15.1 | 8.8 | 32.2 |
| CA550 | 110: | Felta | 7 | 26 | 19.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 19.00 | 48.26 | 65.2 | 2636577974 | 2637 | 35.6 | 20.6 | 75.7 |
| CA550 | 110: | Felta | 26 | 60 | 34.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 34.00 | 86.36 | 123.1 | 4980202840 | 4980 | 71.0 | 41.2 | 150.9 |
| CA550 | 111: | Boomer | 0 | 4 | 4.00 | 1.3 | 1.375 | 1.45 | 1 | 2 | 3 | 4.00 | 10.16 | 14.0 | 565348104 | 565 | 7.8 | 4.5 | 16.5 |
| CA550 | 111: | Boomer | 4 | 44 | 40.00 | 1.3 | 1.375 | 1.45 | 0.5 | 0.75 | 1 | 40.00 | 101.6 | 139.7 | 5653481036 | 5653 | 77.7 | 45.1 | 165.3 |
| CA550 | 111: | Forward | 0 | 4 | 4.00 | 0.85 | 0.875 | 0.9 | 2 | 3 | 4 | 4.00 | 10.16 | 8.9 | 359766975 | 360 | 3.1 | 1.8 | 6.7 |
| CA550 | 111: | Forward | 4 | 35 | 31.00 | 0.85 | 0.875 | 0.9 | 0.5 | 1.25 | 2 | 31.00 | 78.74 | 68.9 | 2788194056 | 2788 | 24.4 | 14.2 | 51.9 |
| CA550 | 111: | Felta | 0 | 7 | 7.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 7.00 | 17.78 | 25.8 | 1043324228 | 1043 | 15.1 | 8.8 | 32.2 |
| CA550 | 111: | Felta | 7 | 26 | 19.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 19.00 | 48.26 | 65.2 | 2636577974 | 2637 | 35.6 | 20.6 | 75.7 |
| CA550 | 111: | Felta | 26 | 60 | 34.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 34.00 | 86.36 | 123.1 | 4980202840 | 4980 | 71.0 | 41.2 | 150.9 |
| CA550 | 112: | Bressa | 0 | 10 | 10.00 | 1.45 | 1.5 | 1.55 | 0.5 | 1.75 | 3 | 10.00 | 25.4 | 38.1 | 1541858464 | 1542 | 23.1 | 13.4 | 49.2 |
| CA550 | 112: | Bressa | 10 | 33 | 23.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 81.8 | 3309856170 | 3310 | 46.3 | 26.9 | 98.5 |
| CA550 | 112: | Dibble | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 112: | Dibble | 9 | 34 | 25.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 25.00 | 63.5 | 85.7 | 3469181545 | 3469 | 46.8 | 27.2 | 99.6 |
| CA550 | 113: | Bressa | 0 | 10 | 10.00 | 1.45 | 1.5 | 1.55 | 0.5 | 1.75 | 3 | 10.00 | 25.4 | 38.1 | 1541858464 | 1542 | 23.1 | 13.4 | 49.2 |
| CA550 | 113: | Bressa | 10 | 33 | 23.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 81.8 | 3309856170 | 3310 | 46.3 | 26.9 | 98.5 |
| CA550 | 113: | Dibble | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 113: | Dibble | 9 | 34 | 25.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 25.00 | 63.5 | 85.7 | 3469181545 | 3469 | 46.8 | 27.2 | 99.6 |
| CA550 | 114: | Bressa | 0 | 10 | 10.00 | 1.45 | 1.5 | 1.55 | 0.5 | 1.75 | 3 | 10.00 | 25.4 | 38.1 | 1541858464 | 1542 | 23.1 | 13.4 | 49.2 |
| CA550 | 114: | Bressa | 10 | 33 | 23.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 81.8 | 3309856170 | 3310 | 46.3 | 26.9 | 98.5 |
| CA550 | 114: | Dibble | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 114: | Dibble | 9 | 34 | 25.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 25.00 | 63.5 | 85.7 | 3469181545 | 3469 | 46.8 | 27.2 | 99.6 |
| CA550 | 115: | Bressa | 0 | 10 | 10.00 | 1.45 | 1.5 | 1.55 | 0.5 | 1.75 | 3 | 10.00 | 25.4 | 38.1 | 1541858464 | 1542 | 23.1 | 13.4 | 49.2 |
| CA550 | 115: | Bressa | 10 | 33 | 23.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 81.8 | 3309856170 | 3310 | 46.3 | 26.9 | 98.5 |
| CA550 | 115: | Dibble | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 115: | Dibble | 9 | 34 | 25.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 25.00 | 63.5 | 85.7 | 3469181545 | 3469 | 46.8 | 27.2 | 99.6 |
| CA550 | 116: | Clear Lake, drained | 0 | 6 | 6.00 | 1.23 | 1.275 | 1.32 | 1.5 | 2 | 2.5 | 6.00 | 15.24 | 19.4 | 786347817 | 786 | 10.0 | 5.8 | 21.3 |
| CA550 | 116: | Clear Lake, drained | 6 | 26 | 20.00 | 1.25 | 1.31 | 1.37 | 1 | 1.25 | 1.5 | 20.00 | 50.8 | 66.5 | 2693112784 | 2693 | 35.3 | 20.5 | 75.0 |
| CA550 | 116: | Clear Lake, drained | 26 | 36 | 10.00 | 1.25 | 1.31 | 1.37 | 1 | 1.25 | 1.5 | 10.00 | 25.4 | 33.3 | 1346556392 | 1347 | 17.6 | 10.2 | 37.5 |
| CA550 | 116: | Clear Lake, drained | 36 | 60 | 24.00 | 1.25 | 1.32 | 1.39 | 0.5 | 0.75 | 1 | 24.00 | 60.96 | 80.5 | 3256405077 | 3256 | 43.0 | 24.9 | 91.4 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CA550 | 117: | Clear Lake | 0 | 18 | 18.00 | 1.5 | 1.55 | 1.6 | 1 | 1.5 | 2 | 18.00 | 45.72 | 70.9 | 2867856744 | 2868 | 44.5 | 25.8 | 94.5 |
| CA550 | 117: | Clear Lake | 18 | 69 | 51.00 | 1.25 | 1.325 | 1.4 | 0.5 | 0.75 | 1 | 51.00 | 129.54 | 171.6 | 6946072382 | 6946 | 92.0 | 53.4 | 195.7 |
| CA550 | 118: | Cole | 0 | 8 | 8.00 | 1.26 | 1.36 | 1.46 | 2 | 3.5 | 5 | 8.00 | 20.32 | 27.6 | 1118361339 | 1118 | 15.2 | 8.8 | 32.3 |
| CA550 | 118: | Cole | 8 | 18 | 10.00 | 1.31 | 1.345 | 1.38 | 2 | 3 | 4 | 10.00 | 25.4 | 34.2 | 1382533090 | 1383 | 18.6 | 10.8 | 39.5 |
| CA550 | 118: | Cole | 18 | 32 | 14.00 | 1.27 | 1.32 | 1.37 | 1.5 | 2.25 | 3 | 14.00 | 35.56 | 46.9 | 1899569628 | 1900 | 25.1 | 14.5 | 53.3 |
| CA550 | 118: | Cole | 32 | 41 | 9.00 | 1.41 | 1.445 | 1.48 | 0.8 | 1 | 1.2 | 9.00 | 22.86 | 33.0 | 1336791289 | 1337 | 19.3 | 11.2 | 41.1 |
| CA550 | 118: | Cole | 41 | 48 | 7.00 | 1.42 | 1.445 | 1.47 | 0.5 | 0.65 | 0.8 | 7.00 | 17.78 | 25.7 | 1039726558 | 1040 | 15.0 | 8.7 | 32.0 |
| CA550 | 118: | Cole | 48 | 60 | 12.00 | 1.42 | 1.45 | 1.48 | 0.3 | 0.5 | 0.7 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 118: | Cole | 60 | 64 | 4.00 | 1.37 | 1.405 | 1.44 | 0.2 | 0.35 | 0.5 | 4.00 | 10.16 | 14.3 | 577682971 | 578 | 8.1 | 4.7 | 17.3 |
| CA550 | 119: | Cole | 0 | 8 | 8.00 | 1.26 | 1.36 | 1.46 | 2 | 3.5 | 5 | 8.00 | 20.32 | 27.6 | 1118361339 | 1118 | 15.2 | 8.8 | 32.3 |
| CA550 | 119: | Cole | 8 | 18 | 10.00 | 1.31 | 1.345 | 1.38 | 2 | 3 | 4 | 10.00 | 25.4 | 34.2 | 1382533090 | 1383 | 18.6 | 10.8 | 39.5 |
| CA550 | 119: | Cole | 18 | 32 | 14.00 | 1.27 | 1.32 | 1.37 | 1.5 | 2.25 | 3 | 14.00 | 35.56 | 46.9 | 1899569628 | 1900 | 25.1 | 14.5 | 53.3 |
| CA550 | 119: | Cole | 32 | 41 | 9.00 | 1.41 | 1.445 | 1.48 | 0.8 | 1 | 1.2 | 9.00 | 22.86 | 33.0 | 1336791289 | 1337 | 19.3 | 11.2 | 41.1 |
| CA550 | 119: | Cole | 41 | 48 | 7.00 | 1.42 | 1.445 | 1.47 | 0.5 | 0.65 | 0.8 | 7.00 | 17.78 | 25.7 | 1039726558 | 1040 | 15.0 | 8.7 | 32.0 |
| CA550 | 119: | Cole | 48 | 60 | 12.00 | 1.42 | 1.45 | 1.48 | 0.3 | 0.5 | 0.7 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 119: | Cole | 60 | 64 | 4.00 | 1.37 | 1.405 | 1.44 | 0.2 | 0.35 | 0.5 | 4.00 | 10.16 | 14.3 | 577682971 | 578 | 8.1 | 4.7 | 17.3 |
| CA550 | 120: | Contra Costa | 0 | 5 | 5.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | 120: | Contra Costa | 5 | 22 | 17.00 | 1.3 | 1.375 | 1.45 | 0.5 | 0.75 | 1 | 17.00 | 43.18 | 59.4 | 2402729440 | 2403 | 33.0 | 19.2 | 70.3 |
| CA550 | 120: | Contra Costa | 22 | 34 | 12.00 | 1.3 | 1.375 | 1.45 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 41.9 | 1696044311 | 1696 | 23.3 | 13.5 | 49.6 |
| CA550 | 121: | Contra Costa | 0 | 5 | 5.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | 121: | Contra Costa | 5 | 34 | 29.00 | 1.3 | 1.375 | 1.45 | 0.5 | 0.75 | 1 | 29.00 | 73.66 | 101.3 | 4098773751 | 4099 | 56.4 | 32.7 | 119.9 |
| CA550 | 122: | Coombs | 0 | 14 | 14.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 14.00 | 35.56 | 53.3 | 2158601850 | 2159 | 32.4 | 18.8 | 68.9 |
| CA550 | 122: | Coombs | 14 | 54 | 40.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 40.00 | 101.6 | 147.3 | 5961852729 | 5962 | 86.4 | 50.1 | 183.8 |
| CA550 | 122: | Coombs | 54 | 60 | 6.00 | 1.55 | 1.6 | 1.65 | 0.1 | 0.3 | 0.5 | 6.00 | 15.24 | 24.4 | 986789417 | 987 | 15.8 | 9.2 | 33.6 |
| CA550 | 123: | Coombs | 0 | 14 | 14.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 14.00 | 35.56 | 53.3 | 2158601850 | 2159 | 32.4 | 18.8 | 68.9 |
| CA550 | 123: | Coombs | 14 | 54 | 40.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 40.00 | 101.6 | 147.3 | 5961852729 | 5962 | 86.4 | 50.1 | 183.8 |
| CA550 | 123: | Coombs | 54 | 60 | 6.00 | 1.55 | 1.6 | 1.65 | 0.1 | 0.3 | 0.5 | 6.00 | 15.24 | 24.4 | 986789417 | 987 | 15.8 | 9.2 | 33.6 |
| CA550 | 124: | Cortina | 0 | 11 | 11.00 | 1.46 | 1.505 | 1.55 | 0.8 | 1.4 | 2 | 11.00 | 27.94 | 42.0 | 1701697792 | 1702 | 25.6 | 14.9 | 54.5 |
| CA550 | 124: | Cortina | 11 | 21 | 10.00 | 1.54 | 1.56 | 1.58 | 0.5 | 0.65 | 0.8 | 10.00 | 25.4 | 39.6 | 1603532803 | 1604 | 25.0 | 14.5 | 53.2 |
| CA550 | 124: | Cortina | 21 | 32 | 11.00 | 1.59 | 1.595 | 1.6 | 0.2 | 0.35 | 0.5 | 11.00 | 27.94 | 44.6 | 1803460450 | 1803 | 28.8 | 16.7 | 61.2 |
| CA550 | 124: | Cortina | 32 | 60 | 28.00 | 1.6 | 1.635 | 1.67 | 0.1 | 0.2 | 0.3 | 28.00 | 71.12 | 116.3 | 4705752033 | 4706 | 76.9 | 44.6 | 163.6 |
| CA550 | 125: | Cortina | 0 | 21 | 21.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 21.00 | 53.34 | 80.0 | 3237902775 | 3238 | 48.6 | 28.2 | 103.3 |
| CA550 | 125: | Cortina | 21 | 60 | 39.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 39.00 | 99.06 | 148.6 | 6013248011 | 6013 | 90.2 | 52.3 | 191.8 |
| CA550 | 126: | Diablo | 0 | 5 | 5.00 | 1.18 | 1.28 | 1.38 | 1 | 2.5 | 4 | 5.00 | 12.7 | 16.3 | 657859611 | 658 | 8.4 | 4.9 | 17.9 |
| CA550 | 126: | Diablo | 5 | 18 | 13.00 | 1.18 | 1.28 | 1.38 | 1 | 2.5 | 4 | 13.00 | 33.02 | 42.3 | 1710434990 | 1710 | 21.9 | 12.7 | 46.6 |
| CA550 | 126: | Diablo | 18 | 30 | 12.00 | 1.24 | 1.345 | 1.45 | 0 | 0.5 | 1 | 12.00 | 30.48 | 41.0 | 1659039708 | 1659 | 22.3 | 12.9 | 47.5 |
| CA550 | 126: | Diablo | 30 | 39 | 9.00 | 1.24 | 1.345 | 1.45 | 0 | 0.5 | 1 | 9.00 | 22.86 | 30.7 | 1244279781 | 1244 | 16.7 | 9.7 | 35.6 |
| CA550 | 126: | Diablo | 39 | 53 | 14.00 | 1.31 | 1.365 | 1.42 | 0 | 0 |  | 14.00 | 35.56 | 48.5 | 1964327684 | 1964 | 26.8 | 15.6 | 57.0 |
| CA550 | 127: | Diablo | 0 | 5 | 5.00 | 1.18 | 1.28 | 1.38 | 1 | 2.5 | 4 | 5.00 | 12.7 | 16.3 | 657859611 | 658 | 8.4 | 4.9 | 17.9 |
| CA550 | 127: | Diablo | 5 | 18 | 13.00 | 1.18 | 1.28 | 1.38 | 1 | 2.5 | 4 | 13.00 | 33.02 | 42.3 | 1710434990 | 1710 | 21.9 | 12.7 | 46.6 |
| CA550 | 127: | Diablo | 18 | 30 | 12.00 | 1.24 | 1.345 | 1.45 | 0 | 0.5 | 1 | 12.00 | 30.48 | 41.0 | 1659039708 | 1659 | 22.3 | 12.9 | 47.5 |
| CA550 | 127: | Diablo | 30 | 39 | 9.00 | 1.24 | 1.345 | 1.45 | 0 | 0.5 | 1 | 9.00 | 22.86 | 30.7 | 1244279781 | 1244 | 16.7 | 9.7 | 35.6 |
| CA550 | 127: | Diablo | 39 | 53 | 14.00 | 1.31 | 1.365 | 1.42 | 0 | 0 |  | 14.00 | 35.56 | 48.5 | 1964327684 | 1964 | 26.8 | 15.6 | 57.0 |
| CA550 | 128: | Diablo | 0 | 60 | 60.00 | 1.25 | 1.3 | 1.35 | 1 | 2.5 | 4 | 60.00 | 152.4 | 198.1 | 8017664015 | 8018 | 104.2 | 60.5 | 221.7 |
| CA550 | 129: | Diablo | 0 | 5 | 5.00 | 1.18 | 1.28 | 1.38 | 1 | 2.5 | 4 | 5.00 | 12.7 | 16.3 | 657859611 | 658 | 8.4 | 4.9 | 17.9 |
| CA550 | 129: | Diablo | 5 | 18 | 13.00 | 1.18 | 1.28 | 1.38 | 1 | 2.5 | 4 | 13.00 | 33.02 | 42.3 | 1710434990 | 1710 | 21.9 | 12.7 | 46.6 |
| CA550 | 129: | Diablo | 18 | 30 | 12.00 | 1.24 | 1.345 | 1.45 | 0 | 0.5 | 1 | 12.00 | 30.48 | 41.0 | 1659039708 | 1659 | 22.3 | 12.9 | 47.5 |
| CA550 | 129: | Diablo | 30 | 39 | 9.00 | 1.24 | 1.345 | 1.45 | 0 | 0.5 | 1 | 9.00 | 22.86 | 30.7 | 1244279781 | 1244 | 16.7 | 9.7 | 35.6 |
| CA550 | 129: | Diablo | 39 | 53 | 14.00 | 1.31 | 1.365 | 1.42 | 0 | 0 |  | 14.00 | 35.56 | 48.5 | 1964327684 | 1964 | 26.8 | 15.6 | 57.0 |
| CA550 | 129I: | Collayomi | 0 | 15 | 15.00 | 1.45 | 1.5 | 1.55 | 0 | 1 | 2 | 15.00 | 38.1 | 57.2 | 2312787697 | 2313 | 34.7 | 20.1 | 73.8 |
| CA550 | 129I: | Collayomi | 15 | 60 | 45.00 | 1.4 | 1.475 | 1.55 | 0 | 0.25 | 0.5 | 45.00 | 114.3 | 168.6 | 6822723705 | 6823 | 100.6 | 58.4 | 214.0 |
| CA550 | 129I: | Whispering | 0 | 5 | 5.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | 129I: | Whispering | 5 | 15 | 10.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 10.00 | 25.4 | 38.1 | 1541858464 | 1542 | 23.1 | 13.4 | 49.2 |
| CA550 | 129I: | Whispering | 15 | 26 | 11.00 | 1.4 | 1.475 | 1.55 | 0.5 | 0.75 | 1 | 11.00 | 27.94 | 41.2 | 1667776906 | 1668 | 24.6 | 14.3 | 52.3 |
| CA550 | 130: | Egbert | 0 | 33 | 33.00 | 1.4 | 1.45 | 1.5 | 2 | 6 | 10 | 33.00 | 83.82 | 121.5 | 4918528501 | 4919 | 71.3 | 41.4 | 151.7 |
| CA550 | 130: | Egbert | 33 | 60 | 27.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 27.00 | 68.58 | 92.6 | 3746716068 | 3747 | 50.6 | 29.3 | 107.6 |
| CA550 | 131: | Fagan | 0 | 16 | 16.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 16.00 | 40.64 | 58.9 | 2384741092 | 2385 | 34.6 | 20.1 | 73.5 |
| CA550 | 131: | Fagan | 16 | 28 | 12.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 131: | Fagan | 28 | 46 | 18.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 65.2 | 2636577974 | 2637 | 37.6 | 21.8 | 79.9 |
| CA550 | 132: | Fagan | 0 | 16 | 16.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 16.00 | 40.64 | 58.9 | 2384741092 | 2385 | 34.6 | 20.1 | 73.5 |
| CA550 | 132: | Fagan | 16 | 28 | 12.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 132: | Fagan | 28 | 46 | 18.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 65.2 | 2636577974 | 2637 | 37.6 | 21.8 | 79.9 |
| CA550 | 133: | Fagan | 0 | 16 | 16.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 16.00 | 40.64 | 58.9 | 2384741092 | 2385 | 34.6 | 20.1 | 73.5 |
| CA550 | 133: | Fagan | 16 | 28 | 12.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 133: | Fagan | 28 | 46 | 18.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 65.2 | 2636577974 | 2637 | 37.6 | 21.8 | 79.9 |
| CA550 | 134: | Fagan | 0 | 16 | 16.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 16.00 | 40.64 | 58.9 | 2384741092 | 2385 | 34.6 | 20.1 | 73.5 |
| CA550 | 134: | Fagan | 16 | 28 | 12.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 134: | Fagan | 28 | 46 | 18.00 | 1.35 | 1.425 | 1.5 | 0 | 0 |  | 18.00 | 45.72 | 65.2 | 2636577974 | 2637 | 37.6 | 21.8 | 79.9 |
| CA550 | 134I: | Forward variant | 0 | 7 | 7.00 | 1.45 | 1.5 | 1.55 | 1 | 2 | 3 | 7.00 | 17.78 | 26.7 | 1079300925 | 1079 | 16.2 | 9.4 | 34.4 |
| CA550 | 134I: | Forward variant | 7 | 62 | 55.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 55.00 | 139.7 | 209.6 | 8480221554 | 8480 | 127.2 | 73.8 | 270.5 |
| CA550 | 134I: | Kidd | 0 | 4 | 4.00 | 1.45 | 1.5 | 1.55 | 1 | 2 | 3 | 4.00 | 10.16 | 15.2 | 616743386 | 617 | 9.3 | 5.4 | 19.7 |
| CA550 | 134I: | Kidd | 4 | 13 | 9.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 135: | Felton | 0 | 10 | 10.00 | 1.4 | 1.45 | 1.5 | 5 | 7.5 | 10 | 10.00 | 25.4 | 36.8 | 1490463182 | 1490 | 21.6 | 12.5 | 46.0 |
| CA550 | 135: | Felton | 10 | 33 | 23.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 84.7 | 3428065319 | 3428 | 49.7 | 28.8 | 105.7 |
| CA550 | 136: | Felton | 0 | 10 | 10.00 | 1.4 | 1.45 | 1.5 | 5 | 7.5 | 10 | 10.00 | 25.4 | 36.8 | 1490463182 | 1490 | 21.6 | 12.5 | 46.0 |
| CA550 | 136: | Felton | 10 | 33 | 23.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 84.7 | 3428065319 | 3428 | 49.7 | 28.8 | 105.7 |
| CA550 | 137: | Felton | 0 | 10 | 10.00 | 1.4 | 1.45 | 1.5 | 5 | 7.5 | 10 | 10.00 | 25.4 | 36.8 | 1490463182 | 1490 | 21.6 | 12.5 | 46.0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CA550 | 137: | Felton | 10 | 33 | 23.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 84.7 | 3428065319 | 3428 | 49.7 | 28.8 | 105.7 |
| CA550 | 138: | Forward | 0 | 2 | 2.00 | 0.18 | 0.215 | 0.25 | 55 | 67.5 | 80 | 2.00 | 5.08 | 1.1 | 44199943 | 44 | 0.1 | 0.1 | 0.2 |
| CA550 | 138: | Forward | 2 | 6 | 4.00 | 1.13 | 1.18 | 1.23 | 4 | 5 | 6 | 4.00 | 10.16 | 12.0 | 485171463 | 485 | 5.7 | 3.3 | 12.2 |
| CA550 | 138: | Forward | 6 | 12 | 6.00 | 1.37 | 1.405 | 1.44 | 1 | 1.75 | 2.5 | 6.00 | 15.24 | 21.4 | 866524457 | 867 | 12.2 | 7.1 | 25.9 |
| CA550 | 138: | Forward | 12 | 19 | 7.00 | 1.47 | 1.505 | 1.54 | 0.7 | 0.95 | 1.2 | 7.00 | 17.78 | 26.8 | 1082898595 | 1083 | 16.3 | 9.5 | 34.7 |
| CA550 | 138: | Forward | 19 | 28 | 9.00 | 1.37 | 1.46 | 1.55 | 0.3 | 0.55 | 0.8 | 9.00 | 22.86 | 33.4 | 1350668015 | 1351 | 19.7 | 11.4 | 41.9 |
| CA550 | 138: | Forward | 28 | 37 | 9.00 | 1.44 | 1.505 | 1.57 | 0.2 | 0.45 | 0.7 | 9.00 | 22.86 | 34.4 | 1392298193 | 1392 | 21.0 | 12.2 | 44.6 |
| CA550 | 139: | Forward | 0 | 2 | 2.00 | 0.18 | 0.215 | 0.25 | 55 | 67.5 | 80 | 2.00 | 5.08 | 1.1 | 44199943 | 44 | 0.1 | 0.1 | 0.2 |
| CA550 | 139: | Forward | 2 | 6 | 4.00 | 1.13 | 1.18 | 1.23 | 4 | 5 | 6 | 4.00 | 10.16 | 12.0 | 485171463 | 485 | 5.7 | 3.3 | 12.2 |
| CA550 | 139: | Forward | 6 | 12 | 6.00 | 1.37 | 1.405 | 1.44 | 1 | 1.75 | 2.5 | 6.00 | 15.24 | 21.4 | 866524457 | 867 | 12.2 | 7.1 | 25.9 |
| CA550 | 139: | Forward | 12 | 19 | 7.00 | 1.47 | 1.505 | 1.54 | 0.7 | 0.95 | 1.2 | 7.00 | 17.78 | 26.8 | 1082898595 | 1083 | 16.3 | 9.5 | 34.7 |
| CA550 | 139: | Forward | 19 | 28 | 9.00 | 1.37 | 1.46 | 1.55 | 0.3 | 0.55 | 0.8 | 9.00 | 22.86 | 33.4 | 1350668015 | 1351 | 19.7 | 11.4 | 41.9 |
| CA550 | 139: | Forward | 28 | 37 | 9.00 | 1.44 | 1.505 | 1.57 | 0.2 | 0.45 | 0.7 | 9.00 | 22.86 | 34.4 | 1392298193 | 1392 | 21.0 | 12.2 | 44.6 |
| CA550 | 140: | Forward | 0 | 2 | 2.00 | 0.18 | 0.215 | 0.25 | 55 | 67.5 | 80 | 2.00 | 5.08 | 1.1 | 44199943 | 44 | 0.1 | 0.1 | 0.2 |
| CA550 | 140: | Forward | 2 | 6 | 4.00 | 1.13 | 1.18 | 1.23 | 4 | 5 | 6 | 4.00 | 10.16 | 12.0 | 485171463 | 485 | 5.7 | 3.3 | 12.2 |
| CA550 | 140: | Forward | 6 | 12 | 6.00 | 1.37 | 1.405 | 1.44 | 1 | 1.75 | 2.5 | 6.00 | 15.24 | 21.4 | 866524457 | 867 | 12.2 | 7.1 | 25.9 |
| CA550 | 140: | Forward | 12 | 19 | 7.00 | 1.47 | 1.505 | 1.54 | 0.7 | 0.95 | 1.2 | 7.00 | 17.78 | 26.8 | 1082898595 | 1083 | 16.3 | 9.5 | 34.7 |
| CA550 | 140: | Forward | 19 | 28 | 9.00 | 1.37 | 1.46 | 1.55 | 0.3 | 0.55 | 0.8 | 9.00 | 22.86 | 33.4 | 1350668015 | 1351 | 19.7 | 11.4 | 41.9 |
| CA550 | 140: | Forward | 28 | 37 | 9.00 | 1.44 | 1.505 | 1.57 | 0.2 | 0.45 | 0.7 | 9.00 | 22.86 | 34.4 | 1392298193 | 1392 | 21.0 | 12.2 | 44.6 |
| CA550 | 141: | Forward | 0 | 2 | 2.00 | 0.18 | 0.215 | 0.25 | 55 | 67.5 | 80 | 2.00 | 5.08 | 1.1 | 44199943 | 44 | 0.1 | 0.1 | 0.2 |
| CA550 | 141: | Forward | 2 | 6 | 4.00 | 1.13 | 1.18 | 1.23 | 4 | 5 | 6 | 4.00 | 10.16 | 12.0 | 485171463 | 485 | 5.7 | 3.3 | 12.2 |
| CA550 | 141: | Forward | 6 | 12 | 6.00 | 1.37 | 1.405 | 1.44 | 1 | 1.75 | 2.5 | 6.00 | 15.24 | 21.4 | 866524457 | 867 | 12.2 | 7.1 | 25.9 |
| CA550 | 141: | Forward | 12 | 19 | 7.00 | 1.47 | 1.505 | 1.54 | 0.7 | 0.95 | 1.2 | 7.00 | 17.78 | 26.8 | 1082898595 | 1083 | 16.3 | 9.5 | 34.7 |
| CA550 | 141: | Forward | 19 | 28 | 9.00 | 1.37 | 1.46 | 1.55 | 0.3 | 0.55 | 0.8 | 9.00 | 22.86 | 33.4 | 1350668015 | 1351 | 19.7 | 11.4 | 41.9 |
| CA550 | 141: | Forward | 28 | 37 | 9.00 | 1.44 | 1.505 | 1.57 | 0.2 | 0.45 | 0.7 | 9.00 | 22.86 | 34.4 | 1392298193 | 1392 | 21.0 | 12.2 | 44.6 |
| CA550 | 141: | Kidd | 0 | 4 | 4.00 | 1.05 | 1.18 | 1.31 | 4 | 6.5 | 9 | 4.00 | 10.16 | 12.0 | 485171463 | 485 | 5.7 | 3.3 | 12.2 |
| CA550 | 141: | Kidd | 4 | 10 | 6.00 | 1.29 | 1.355 | 1.42 | 1 | 2.5 | 4 | 6.00 | 15.24 | 20.7 | 835687288 | 836 | 11.3 | 6.6 | 24.1 |
| CA550 | 141: | Kidd | 10 | 14 | 4.00 | 1.29 | 1.36 | 1.43 | 0.5 | 2.15 | 3.8 | 4.00 | 10.16 | 13.8 | 559180670 | 559 | 7.6 | 4.4 | 16.2 |
| CA550 | 142: | Guenoc | 0 | 3 | 3.00 | 1.22 | 1.31 | 1.4 | 3 | 4 | 5 | 3.00 | 7.62 | 10.0 | 403966918 | 404 | 5.3 | 3.1 | 11.3 |
| CA550 | 142: | Guenoc | 3 | 12 | 9.00 | 1.3 | 1.39 | 1.48 | 1 | 1.75 | 2.5 | 9.00 | 22.86 | 31.8 | 1285909959 | 1286 | 17.9 | 10.4 | 38.0 |
| CA550 | 142: | Guenoc | 12 | 22 | 10.00 | 1.35 | 1.415 | 1.48 | 0.8 | 1.15 | 1.5 | 10.00 | 25.4 | 35.9 | 1454486485 | 1454 | 20.6 | 11.9 | 43.8 |
| CA550 | 142: | Guenoc | 22 | 30 | 8.00 | 1.42 | 1.48 | 1.54 | 0.5 | 0.75 | 1 | 8.00 | 20.32 | 30.1 | 1217040281 | 1217 | 18.0 | 10.4 | 38.3 |
| CA550 | 142l: | Henneke | 0 | 3 | 3.00 | 1.15 | 1.27 | 1.39 | 2 | 3.5 | 5 | 3.00 | 7.62 | 9.7 | 391632050 | 392 | 5.0 | 2.9 | 10.6 |
| CA550 | 142l: | Henneke | 3 | 11 | 8.00 | 1.29 | 1.365 | 1.44 | 1 | 2 | 3 | 8.00 | 20.32 | 27.7 | 1122472962 | 1122 | 15.3 | 8.9 | 32.6 |
| CA550 | 142l: | Henneke | 11 | 16 | 5.00 | 1.38 | 1.455 | 1.53 | 0.7 | 1.1 | 1.5 | 5.00 | 12.7 | 18.5 | 747801355 | 748 | 10.9 | 6.3 | 23.1 |
| CA550 | 142l: | Henneke | 16 | 19 | 3.00 | 1.4 | 1.455 | 1.51 | 0.5 | 0.75 | 1 | 3.00 | 7.62 | 11.1 | 448680813 | 449 | 6.5 | 3.8 | 13.9 |
| CA550 | 142l: | Montara | 0 | 6 | 6.00 | 1.17 | 1.28 | 1.39 | 2 | 3.5 | 5 | 6.00 | 15.24 | 19.5 | 789431534 | 789 | 10.1 | 5.9 | 21.5 |
| CA550 | 142l: | Montara | 6 | 12 | 6.00 | 1.44 | 1.485 | 1.53 | 0.8 | 1.4 | 2 | 6.00 | 15.24 | 22.6 | 915863928 | 916 | 13.6 | 7.9 | 28.9 |
| CA550 | 143: | Guenoc | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 0.5 | 1.25 | 2 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 143: | Guenoc | 12 | 30 | 18.00 | 1.4 | 1.475 | 1.55 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 67.4 | 2729089482 | 2729 | 40.3 | 23.3 | 85.6 |
| CA550 | 143l: | Henneke | 0 | 3 | 3.00 | 1.15 | 1.27 | 1.39 | 2 | 3.5 | 5 | 3.00 | 7.62 | 9.7 | 391632050 | 392 | 5.0 | 2.9 | 10.6 |
| CA550 | 143l: | Henneke | 3 | 11 | 8.00 | 1.29 | 1.365 | 1.44 | 1 | 2 | 3 | 8.00 | 20.32 | 27.7 | 1122472962 | 1122 | 15.3 | 8.9 | 32.6 |
| CA550 | 143l: | Henneke | 11 | 16 | 5.00 | 1.38 | 1.455 | 1.53 | 0.7 | 1.1 | 1.5 | 5.00 | 12.7 | 18.5 | 747801355 | 748 | 10.9 | 6.3 | 23.1 |
| CA550 | 143l: | Henneke | 16 | 19 | 3.00 | 1.4 | 1.455 | 1.51 | 0.5 | 0.75 | 1 | 3.00 | 7.62 | 11.1 | 448680813 | 449 | 6.5 | 3.8 | 13.9 |
| CA550 | 143l: | Okiota | 0 | 1 | 1.00 | 1.21 | 1.3 | 1.39 | 3 | 4 | 5 | 1.00 | 2.54 | 3.3 | 133627734 | 134 | 1.7 | 1.0 | 3.7 |
| CA550 | 143l: | Okiota | 1 | 3 | 2.00 | 1.25 | 1.32 | 1.39 | 2 | 2.5 | 3 | 2.00 | 5.08 | 6.7 | 271367090 | 271 | 3.6 | 2.1 | 7.6 |
| CA550 | 143l: | Okiota | 3 | 5 | 2.00 | 1.36 | 1.42 | 1.48 | 0.8 | 1.05 | 1.3 | 2.00 | 5.08 | 7.2 | 291925203 | 292 | 4.1 | 2.4 | 8.8 |
| CA550 | 143l: | Okiota | 5 | 14 | 9.00 | 1.38 | 1.46 | 1.54 | 0.5 | 0.7 | 0.9 | 9.00 | 22.86 | 33.4 | 1350668015 | 1351 | 19.7 | 11.4 | 41.9 |
| CA550 | 144: | Guenoc | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 0.5 | 1.25 | 2 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 144: | Guenoc | 12 | 30 | 18.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 66.3 | 2682833728 | 2683 | 38.9 | 22.6 | 82.7 |
| CA550 | 145: | Haire | 0 | 22 | 22.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 22.00 | 55.88 | 81.0 | 3279019001 | 3279 | 47.5 | 27.6 | 101.1 |
| CA550 | 145: | Haire | 22 | 27 | 5.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | 145: | Haire | 27 | 45 | 18.00 | 1.25 | 1.325 | 1.4 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 60.6 | 2451554958 | 2452 | 32.5 | 18.8 | 69.1 |
| CA550 | 145: | Haire | 45 | 60 | 15.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 53.3 | 2158601850 | 2159 | 30.2 | 17.5 | 64.3 |
| CA550 | 146: | Haire | 0 | 22 | 22.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 22.00 | 55.88 | 81.0 | 3279019001 | 3279 | 47.5 | 27.6 | 101.1 |
| CA550 | 146: | Haire | 22 | 27 | 5.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | 146: | Haire | 27 | 45 | 18.00 | 1.25 | 1.325 | 1.4 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 60.6 | 2451554958 | 2452 | 32.5 | 18.8 | 69.1 |
| CA550 | 146: | Haire | 45 | 60 | 15.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 53.3 | 2158601850 | 2159 | 30.2 | 17.5 | 64.3 |
| CA550 | 147: | Haire | 0 | 22 | 22.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 22.00 | 55.88 | 78.2 | 3165949380 | 3166 | 44.3 | 25.7 | 94.3 |
| CA550 | 147: | Haire | 22 | 27 | 5.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 17.8 | 719533950 | 720 | 10.1 | 5.8 | 21.4 |
| CA550 | 147: | Haire | 27 | 45 | 18.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 64.0 | 2590322220 | 2590 | 36.3 | 21.0 | 77.1 |
| CA550 | 147: | Haire | 45 | 60 | 15.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 53.3 | 2158601850 | 2159 | 30.2 | 17.5 | 64.3 |
| CA550 | 148: | Haire | 0 | 22 | 22.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 22.00 | 55.88 | 83.8 | 3392088622 | 3392 | 50.9 | 29.5 | 108.2 |
| CA550 | 148: | Haire | 22 | 27 | 5.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 17.8 | 719533950 | 720 | 10.1 | 5.8 | 21.4 |
| CA550 | 148: | Haire | 27 | 45 | 18.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 64.0 | 2590322220 | 2590 | 36.3 | 21.0 | 77.1 |
| CA550 | 148: | Haire | 45 | 60 | 15.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 53.3 | 2158601850 | 2159 | 30.2 | 17.5 | 64.3 |
| CA550 | 148l: | Kidd | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 1 | 2 | 3 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 148l: | Kidd | 9 | 16 | 7.00 | 1.45 | 1.525 | 1.6 | 0.5 | 0.75 | 1 | 7.00 | 17.78 | 27.1 | 1097289274 | 1097 | 16.7 | 9.7 | 35.6 |
| CA550 | 148l: | Forward | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 2 | 3 | 4 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 148l: | Forward | 9 | 25 | 16.00 | 1.45 | 1.525 | 1.6 | 0 | 0.25 | 0.5 | 16.00 | 40.64 | 62.0 | 2508089769 | 2508 | 38.2 | 22.2 | 81.3 |
| CA550 | 149: | Haire | 0 | 22 | 22.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 22.00 | 55.88 | 78.2 | 3165949380 | 3166 | 44.3 | 25.7 | 94.3 |
| CA550 | 149: | Haire | 22 | 27 | 5.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 17.8 | 719533950 | 720 | 10.1 | 5.8 | 21.4 |
| CA550 | 149: | Haire | 27 | 45 | 18.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 64.0 | 2590322220 | 2590 | 36.3 | 21.0 | 77.1 |
| CA550 | 149: | Haire | 45 | 60 | 15.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 53.3 | 2158601850 | 2159 | 30.2 | 17.5 | 64.3 |
| CA550 | 149l: | Kidd | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 1 | 2 | 3 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 149l: | Kidd | 9 | 16 | 7.00 | 1.45 | 1.525 | 1.6 | 0.5 | 0.75 | 1 | 7.00 | 17.78 | 27.1 | 1097289274 | 1097 | 16.7 | 9.7 | 35.6 |
| CA550 | 149l: | Forward | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 2 | 3 | 4 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CA550 | 149l: | Forward | 9 | 25 | 16.00 | 1.45 | 1.525 | 1.6 | 0 | 0.25 | 0.5 | 16.00 | 40.64 | 62.0 | 2508089769 | 2508 | 38.2 | 22.2 | 81.3 |
| CA550 | 150: | Haire | 0 | 22 | 22.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 22.00 | 55.88 | 78.2 | 3165949380 | 3166 | 44.3 | 25.7 | 94.3 |
| CA550 | 150: | Haire | 22 | 27 | 5.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | 150: | Haire | 27 | 45 | 18.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 64.0 | 2590322220 | 2590 | 36.3 | 21.0 | 77.1 |
| CA550 | 150: | Haire | 45 | 60 | 15.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 53.3 | 2158601850 | 2159 | 30.2 | 17.5 | 64.3 |
| CA550 | 151: | Hambright | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 2 | 5 | 8 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 152: | Hambright | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 2 | 5 | 8 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 153: | Henneke | 0 | 5 | 5.00 | 1.29 | 1.38 | 1.47 | 2 | 3 | 4 | 5.00 | 12.7 | 17.5 | 709254894 | 709 | 9.8 | 5.7 | 20.8 |
| CA550 | 153: | Henneke | 5 | 16 | 11.00 | 1.35 | 1.43 | 1.51 | 0.8 | 1.4 | 2 | 11.00 | 27.94 | 40.0 | 1616895576 | 1617 | 23.1 | 13.4 | 49.2 |
| CA550 | 154: | Henneke | 0 | 7 | 7.00 | 1.4 | 1.45 | 1.5 | 2 | 4.5 | 7 | 7.00 | 17.78 | 25.8 | 1043324228 | 1043 | 15.1 | 8.8 | 32.2 |
| CA550 | 154: | Henneke | 7 | 15 | 8.00 | 1.35 | 1.4 | 1.45 | 0.5 | 1.25 | 2 | 8.00 | 20.32 | 28.4 | 1151254320 | 1151 | 16.1 | 9.3 | 34.3 |
| CA550 | 155: | Kidd | 0 | 14 | 14.00 | 0.85 | 0.9 | 0.95 | 1 | 2 | 3 | 14.00 | 35.56 | 32.0 | 1295161110 | 1295 | 11.7 | 6.8 | 24.8 |
| CA550 | 156: | Kidd | 0 | 14 | 14.00 | 0.85 | 0.9 | 0.95 | 1 | 2 | 3 | 14.00 | 35.56 | 32.0 | 1295161110 | 1295 | 11.7 | 6.8 | 24.8 |
| CA550 | 157: | Lodo | 0 | 7 | 7.00 | 1.4 | 1.475 | 1.55 | 1 | 3.5 | 6 | 7.00 | 17.78 | 26.2 | 1061312576 | 1061 | 15.7 | 9.1 | 33.3 |
| CA550 | 157: | Maymen | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 157: | Felton | 0 | 10 | 10.00 | 1.4 | 1.45 | 1.5 | 5 | 7.5 | 10 | 10.00 | 25.4 | 36.8 | 1490463182 | 1490 | 21.6 | 12.5 | 46.0 |
| CA550 | 157: | Felton | 10 | 33 | 23.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 23.00 | 58.42 | 84.7 | 3428065319 | 3428 | 49.7 | 28.8 | 105.7 |
| CA550 | 158: | Los Gatos | 0 | 25 | 25.00 | 1.4 | 1.45 | 1.5 | 1 | 2.5 | 4 | 25.00 | 63.5 | 92.1 | 3726157956 | 3726 | 54.0 | 31.3 | 114.9 |
| CA550 | 158: | Los Gatos | 25 | 36 | 11.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 11.00 | 27.94 | 40.5 | 1639509500 | 1640 | 23.8 | 13.8 | 50.6 |
| CA550 | 159: | Los Gatos | 0 | 25 | 25.00 | 1.4 | 1.45 | 1.5 | 1 | 2.5 | 4 | 25.00 | 63.5 | 92.1 | 3726157956 | 3726 | 54.0 | 31.3 | 114.9 |
| CA550 | 159: | Los Gatos | 25 | 36 | 11.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 11.00 | 27.94 | 40.5 | 1639509500 | 1640 | 23.8 | 13.8 | 50.6 |
| CA550 | 160: | Los Gatos | 0 | 25 | 25.00 | 1.4 | 1.45 | 1.5 | 1 | 2.5 | 4 | 25.00 | 63.5 | 92.1 | 3726157956 | 3726 | 54.0 | 31.3 | 114.9 |
| CA550 | 160: | Los Gatos | 25 | 36 | 11.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 11.00 | 27.94 | 40.5 | 1639509500 | 1640 | 23.8 | 13.8 | 50.6 |
| CA550 | 161: | Maxwell | 0 | 62 | 62.00 | 1.3 | 1.375 | 1.45 | 1 | 2 | 3 | 62.00 | 157.48 | 216.5 | 8762895606 | 8763 | 120.5 | 69.9 | 256.2 |
| CA550 | 162: | Maymen | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 162: | Los Gatos | 0 | 25 | 25.00 | 1.4 | 1.45 | 1.5 | 1 | 2.5 | 4 | 25.00 | 63.5 | 92.1 | 3726157956 | 3726 | 54.0 | 31.3 | 114.9 |
| CA550 | 162: | Los Gatos | 25 | 36 | 11.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 11.00 | 27.94 | 40.5 | 1639509500 | 1640 | 23.8 | 13.8 | 50.6 |
| CA550 | 163: | Maymen | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 163: | Millsholm | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 163: | Lodo | 0 | 7 | 7.00 | 1.4 | 1.475 | 1.55 | 1 | 3.5 | 6 | 7.00 | 17.78 | 26.2 | 1061312576 | 1061 | 15.7 | 9.1 | 33.3 |
| CA550 | 164: | Millsholm | 0 | 8 | 8.00 | 1.29 | 1.36 | 1.43 | 2 | 2.75 | 3.5 | 8.00 | 20.32 | 27.6 | 1118361339 | 1118 | 15.2 | 8.8 | 32.3 |
| CA550 | 164: | Millsholm | 8 | 17 | 9.00 | 1.38 | 1.47 | 1.56 | 0.5 | 0.75 | 1 | 9.00 | 22.86 | 33.6 | 1359919166 | 1360 | 20.0 | 11.6 | 42.5 |
| CA550 | 165: | Millsholm | 0 | 4 | 4.00 | 1.3 | 1.385 | 1.47 | 2 | 2.5 | 3 | 4.00 | 10.16 | 14.1 | 569459726 | 569 | 7.9 | 4.6 | 16.8 |
| CA550 | 165: | Millsholm | 4 | 12 | 8.00 | 1.38 | 1.425 | 1.47 | 0.5 | 0.75 | 1 | 8.00 | 20.32 | 29.0 | 1171812433 | 1172 | 16.7 | 9.7 | 35.5 |
| CA550 | 166: | Montara | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 167: | Montara | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | 168: | Perkins | 0 | 7 | 7.00 | 1.39 | 1.435 | 1.48 | 1 | 1.5 | 2 | 7.00 | 17.78 | 25.5 | 1032531218 | 1033 | 14.8 | 8.6 | 31.5 |
| CA550 | 168: | Perkins | 7 | 19 | 12.00 | 1.36 | 1.475 | 1.59 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 45.0 | 1819392988 | 1819 | 26.8 | 15.6 | 57.1 |
| CA550 | 168: | Perkins | 19 | 29 | 10.00 | 1.41 | 1.485 | 1.56 | 0.4 | 0.6 | 0.8 | 10.00 | 25.4 | 37.7 | 1526439880 | 1526 | 22.7 | 13.1 | 48.2 |
| CA550 | 168: | Perkins | 29 | 44 | 15.00 | 1.48 | 1.495 | 1.51 | 0.3 | 0.5 | 0.7 | 15.00 | 38.1 | 57.0 | 2305078404 | 2305 | 34.5 | 20.0 | 73.3 |
| CA550 | 168: | Perkins | 44 | 57 | 13.00 | 1.58 | 1.59 | 1.6 | 0.1 | 0.15 | 0.2 | 13.00 | 33.02 | 52.5 | 2124680964 | 2125 | 33.8 | 19.6 | 71.8 |
| CA550 | 168: | Perkins | 57 | 60 | 3.00 | 1.54 | 1.585 | 1.63 | 0 | 0.05 | 0.1 | 3.00 | 7.62 | 12.1 | 488769133 | 489 | 7.7 | 4.5 | 16.5 |
| CA550 | 169: | Perkins | 0 | 29 | 29.00 | 1.45 | 1.5 | 1.55 | 1 | 2.5 | 4 | 29.00 | 73.66 | 110.5 | 4471389547 | 4471 | 67.1 | 38.9 | 142.6 |
| CA550 | 169: | Perkins | 29 | 60 | 31.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 31.00 | 78.74 | 114.2 | 4620435865 | 4620 | 67.0 | 38.9 | 142.5 |
| CA550 | 170: | Pleasanton | 0 | 5 | 5.00 | 1.45 | 1.49 | 1.53 | 0.5 | 0.75 | 1 | 5.00 | 12.7 | 18.9 | 765789704 | 766 | 11.4 | 6.6 | 24.3 |
| CA550 | 170: | Pleasanton | 5 | 18 | 13.00 | 1.39 | 1.455 | 1.52 | 0.5 | 0.75 | 1 | 13.00 | 33.02 | 48.0 | 1944283524 | 1944 | 28.3 | 16.4 | 60.2 |
| CA550 | 170: | Pleasanton | 18 | 23 | 5.00 | 1.44 | 1.475 | 1.51 | 0.3 | 0.55 | 0.8 | 5.00 | 12.7 | 18.7 | 758080412 | 758 | 11.2 | 6.5 | 23.8 |
| CA550 | 170: | Pleasanton | 23 | 44 | 21.00 | 1.44 | 1.52 | 1.6 | 0.3 | 0.55 | 0.8 | 21.00 | 53.34 | 81.1 | 3281074812 | 3281 | 49.9 | 28.9 | 106.1 |
| CA550 | 170: | Pleasanton | 44 | 66 | 22.00 | 1.52 | 1.585 | 1.65 | 0.2 | 0.5 | 0.8 | 22.00 | 55.88 | 88.6 | 3584306977 | 3584 | 56.8 | 33.0 | 120.8 |
| CA550 | 171: | Pleasanton | 0 | 21 | 21.00 | 1.41 | 1.46 | 1.51 | 1 | 1.5 | 2 | 21.00 | 53.34 | 77.9 | 3151558701 | 3152 | 46.0 | 26.7 | 97.9 |
| CA550 | 171: | Pleasanton | 21 | 33 | 12.00 | 1.37 | 1.42 | 1.47 | 1 | 1.5 | 2 | 12.00 | 30.48 | 43.3 | 1751551216 | 1752 | 24.9 | 14.4 | 52.9 |
| CA550 | 171: | Pleasanton | 33 | 45 | 12.00 | 1.37 | 1.42 | 1.47 | 1 | 1.5 | 2 | 12.00 | 30.48 | 43.3 | 1751551216 | 1752 | 24.9 | 14.4 | 52.9 |
| CA550 | 171: | Pleasanton | 45 | 55 | 10.00 | 1.44 | 1.475 | 1.51 | 0.5 | 0.75 | 1 | 10.00 | 25.4 | 37.5 | 1516160823 | 1516 | 22.4 | 13.0 | 47.6 |
| CA550 | 171: | Pleasanton | 55 | 79 | 24.00 | 1.4 | 1.47 | 1.54 | 0 | 0.25 | 0.5 | 24.00 | 60.96 | 89.6 | 3626451108 | 3626 | 53.3 | 30.9 | 113.4 |
| CA550 | 172: | Reyes | 0 | 14 | 14.00 | 1.18 | 1.275 | 1.37 | 2 | 6 | 10 | 14.00 | 35.56 | 45.3 | 1834811573 | 1835 | 23.4 | 13.6 | 49.8 |
| CA550 | 172: | Reyes | 14 | 60 | 46.00 | 1.35 | 1.36 | 1.37 | 0.5 | 1.25 | 2 | 46.00 | 116.84 | 158.9 | 6430577702 | 6431 | 87.5 | 50.7 | 186.0 |
| CA550 | 173: | Reyes, salt ponds | 0 | 14 | 14.00 | 1.18 | 1.275 | 1.37 | 2 | 6 | 10 | 14.00 | 35.56 | 45.3 | 1834811573 | 1835 | 23.4 | 13.6 | 49.8 |
| CA550 | 173: | Reyes, salt ponds | 14 | 60 | 46.00 | 1.35 | 1.36 | 1.37 | 0.5 | 1.25 | 2 | 46.00 | 116.84 | 158.9 | 6430577702 | 6431 | 87.5 | 50.7 | 186.0 |
| CA550 | 175l: | Maymen | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 0 | 0.5 | 1 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 175l: | Millsholm | 0 | 3 | 3.00 | 1.45 | 1.5 | 1.55 | 1 | 2 | 3 | 3.00 | 7.62 | 11.4 | 462557539 | 463 | 6.9 | 4.0 | 14.8 |
| CA550 | 175l: | Millsholm | 3 | 11 | 8.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 8.00 | 20.32 | 29.5 | 1192370546 | 1192 | 17.3 | 10.0 | 36.8 |
| CA550 | 175l: | Bressa | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 0.5 | 1.75 | 3 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 175l: | Bressa | 12 | 26 | 14.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 14.00 | 35.56 | 51.6 | 2086648455 | 2087 | 30.3 | 17.5 | 64.3 |
| CA550 | 176: | Hambright | 0 | 12 | 12.00 | 1.4 | 1.475 | 1.55 | 2 | 5 | 8 | 12.00 | 30.48 | 45.0 | 1819392988 | 1819 | 26.8 | 15.6 | 57.1 |
| CA550 | 177: | Kidd | 0 | 14 | 14.00 | 0.85 | 0.9 | 0.95 | 1 | 2 | 3 | 14.00 | 35.56 | 32.0 | 1295161110 | 1295 | 11.7 | 6.8 | 24.8 |
| CA550 | 178: | Sobrante | 0 | 6 | 6.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 6.00 | 15.24 | 22.1 | 894277909 | 894 | 13.0 | 7.5 | 27.6 |
| CA550 | 178: | Sobrante | 6 | 30 | 24.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 24.00 | 60.96 | 86.9 | 3515437299 | 3515 | 50.1 | 29.1 | 106.5 |
| CA550 | 179: | Sobrante | 0 | 6 | 6.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 6.00 | 15.24 | 22.1 | 894277909 | 894 | 13.0 | 7.5 | 27.6 |
| CA550 | 179: | Sobrante | 6 | 30 | 24.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 24.00 | 60.96 | 86.9 | 3515437299 | 3515 | 50.1 | 29.1 | 106.5 |
| CA550 | 180: | Tehama | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 180: | Tehama | 12 | 60 | 48.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 48.00 | 121.92 | 176.8 | 7154223275 | 7154 | 103.7 | 60.2 | 220.6 |
| CA550 | 181: | Yolo, moist | 0 | 6 | 6.00 | 1.37 | 1.405 | 1.44 | 2 | 2.5 | 3 | 6.00 | 15.24 | 21.4 | 866524457 | 867 | 12.2 | 7.1 | 25.9 |
| CA550 | 181: | Yolo, moist | 6 | 24 | 18.00 | 1.32 | 1.365 | 1.41 | 1 | 1.5 | 2 | 18.00 | 45.72 | 62.4 | 2525564165 | 2526 | 34.5 | 20.0 | 73.3 |
| CA550 | 181: | Yolo, moist | 24 | 45 | 21.00 | 1.38 | 1.42 | 1.46 | 0.8 | 1 | 1.2 | 21.00 | 53.34 | 75.7 | 3065214627 | 3065 | 43.5 | 25.2 | 92.6 |
| CA550 | 181: | Yolo, moist | 45 | 60 | 15.00 | 1.38 | 1.43 | 1.48 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 54.5 | 2204857604 | 2205 | 31.5 | 18.3 | 67.1 |
| CA550 | 182: | Yolo, moist | 0 | 6 | 6.00 | 1.37 | 1.405 | 1.44 | 2 | 2.5 | 3 | 6.00 | 15.24 | 21.4 | 866524457 | 867 | 12.2 | 7.1 | 25.9 |
| CA550 | 182: | Yolo, moist | 6 | 24 | 18.00 | 1.32 | 1.355 | 1.39 | 1 | 1.5 | 2 | 18.00 | 45.72 | 62.0 | 2507061863 | 2507 | 34.0 | 19.7 | 72.2 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CA550 | 182: | Yolo, moist | 24 | 45 | 21.00 | 1.38 | 1.42 | 1.46 | 0.8 | 1 | 1.2 | 21.00 | 53.34 | 75.7 | 3065214627 | 3065 | 43.5 | 25.2 | 92.6 |
| CA550 | 182: | Yolo, moist | 45 | 60 | 15.00 | 1.38 | 1.43 | 1.48 | 0.5 | 0.75 | 1 | 15.00 | 38.1 | 54.5 | 2204857604 | 2205 | 31.5 | 18.3 | 67.1 |
| CA550 | 192I: | Okiota | 0 | 1 | 1.00 | 1.4 | 1.45 | 1.5 | 2 | 3 | 4 | 1.00 | 2.54 | 3.7 | 149046318 | 149 | 2.2 | 1.3 | 4.6 |
| CA550 | 192I: | Okiota | 1 | 3 | 2.00 | 1.4 | 1.45 | 1.5 | 1 | 1.5 | 2 | 2.00 | 5.08 | 7.4 | 298092636 | 298 | 4.3 | 2.5 | 9.2 |
| CA550 | 192I: | Okiota | 3 | 14 | 11.00 | 1.35 | 1.4 | 1.45 | 1 | 1.5 | 2 | 11.00 | 27.94 | 39.1 | 1582974690 | 1583 | 22.2 | 12.9 | 47.1 |
| CA550 | 192I: | Henneke | 0 | 3 | 3.00 | 1.45 | 1.5 | 1.55 | 2 | 4.5 | 7 | 3.00 | 7.62 | 11.4 | 462557539 | 463 | 6.9 | 4.0 | 14.8 |
| CA550 | 192I: | Henneke | 3 | 11 | 8.00 | 1.4 | 1.45 | 1.5 | 1 | 1.5 | 2 | 8.00 | 20.32 | 29.5 | 1192370546 | 1192 | 17.3 | 10.0 | 36.8 |
| CA550 | 192I: | Henneke | 11 | 19 | 8.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 8.00 | 20.32 | 29.0 | 1171812433 | 1172 | 16.7 | 9.7 | 35.5 |
| CA550 | 193I: | Okiota | 0 | 1 | 1.00 | 1.4 | 1.45 | 1.5 | 2 | 3 | 4 | 1.00 | 2.54 | 3.7 | 149046318 | 149 | 2.2 | 1.3 | 4.6 |
| CA550 | 193I: | Okiota | 1 | 3 | 2.00 | 1.4 | 1.45 | 1.5 | 1 | 1.5 | 2 | 2.00 | 5.08 | 7.4 | 298092636 | 298 | 4.3 | 2.5 | 9.2 |
| CA550 | 193I: | Okiota | 3 | 14 | 11.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 11.00 | 27.94 | 39.8 | 1611242095 | 1611 | 23.0 | 13.3 | 48.8 |
| CA550 | 193I: | Dubakella | 0 | 7 | 7.00 | 1.45 | 1.5 | 1.55 | 4 | 7 | 10 | 7.00 | 17.78 | 26.7 | 1079300925 | 1079 | 16.2 | 9.4 | 34.4 |
| CA550 | 193I: | Dubakella | 7 | 30 | 23.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 23.00 | 58.42 | 83.2 | 3368960745 | 3369 | 48.0 | 27.8 | 102.1 |
| CA550 | 193I: | Henneke | 0 | 3 | 3.00 | 1.45 | 1.5 | 1.55 | 2 | 4.5 | 7 | 3.00 | 7.62 | 11.4 | 462557539 | 463 | 6.9 | 4.0 | 14.8 |
| CA550 | 193I: | Henneke | 3 | 11 | 8.00 | 1.4 | 1.45 | 1.5 | 1 | 1.5 | 2 | 8.00 | 20.32 | 29.5 | 1192370546 | 1192 | 17.3 | 10.0 | 36.8 |
| CA550 | 193I: | Henneke | 11 | 19 | 8.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 8.00 | 20.32 | 29.0 | 1171812433 | 1172 | 16.7 | 9.7 | 35.5 |
| CA550 | 202I: | Sanhedrin | 0 | 8 | 8.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 8.00 | 20.32 | 30.5 | 1233486771 | 1233 | 18.5 | 10.7 | 39.3 |
| CA550 | 202I: | Sanhedrin | 8 | 57 | 49.00 | 1.4 | 1.475 | 1.55 | 0.5 | 0.75 | 1 | 49.00 | 124.46 | 183.6 | 7429188034 | 7429 | 109.6 | 63.6 | 233.0 |
| CA550 | 202I: | Kekawaka | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | 202I: | Kekawaka | 9 | 28 | 19.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 19.00 | 48.26 | 70.0 | 2831880046 | 2832 | 41.1 | 23.8 | 87.3 |
| CA550 | 202I: | Kekawaka | 28 | 42 | 14.00 | 1.35 | 1.5 | 1.65 | 0.5 | 0.75 | 1 | 14.00 | 35.56 | 53.3 | 2158601850 | 2159 | 32.4 | 18.8 | 68.9 |
| CA550 | 202I: | Kekawaka | 42 | 68 | 26.00 | 1.35 | 1.5 | 1.65 | 0 | 0.25 | 0.5 | 26.00 | 66.04 | 99.1 | 4008832007 | 4009 | 60.1 | 34.9 | 127.9 |
| CA550 | 202I: | Speaker | 0 | 8 | 8.00 | 1.45 | 1.5 | 1.55 | 2 | 3.5 | 5 | 8.00 | 20.32 | 30.5 | 1233486771 | 1233 | 18.5 | 10.7 | 39.3 |
| CA550 | 202I: | Speaker | 8 | 27 | 19.00 | 1.4 | 1.475 | 1.55 | 0.5 | 0.75 | 1 | 19.00 | 48.26 | 71.2 | 2880705564 | 2881 | 42.5 | 24.6 | 90.4 |
| CA550 | 209I: | Skyhigh | 0 | 2 | 2.00 | 1.45 | 1.5 | 1.55 | 2 | 3 | 4 | 2.00 | 5.08 | 7.6 | 308371693 | 308 | 4.6 | 2.7 | 9.8 |
| CA550 | 209I: | Skyhigh | 2 | 8 | 6.00 | 1.4 | 1.45 | 1.5 | 1 | 1.5 | 2 | 6.00 | 15.24 | 22.1 | 894277909 | 894 | 13.0 | 7.5 | 27.6 |
| CA550 | 209I: | Skyhigh | 8 | 38 | 30.00 | 1.35 | 1.425 | 1.5 | 0.5 | 0.75 | 1 | 30.00 | 76.2 | 108.6 | 4394296623 | 4394 | 62.6 | 36.3 | 133.2 |
| CA550 | 209I: | Millsholm | 0 | 6 | 6.00 | 1.45 | 1.5 | 1.55 | 1 | 2 | 3 | 6.00 | 15.24 | 22.9 | 925115079 | 925 | 13.9 | 8.0 | 29.5 |
| CA550 | 209I: | Millsholm | 6 | 16 | 10.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 10.00 | 25.4 | 36.8 | 1490463182 | 1490 | 21.6 | 12.5 | 46.0 |
| CA550 | 219I: | Sobrante | 0 | 10 | 10.00 | 1.45 | 1.5 | 1.55 | 1 | 2 | 3 | 10.00 | 25.4 | 38.1 | 1541858464 | 1542 | 23.1 | 13.4 | 49.2 |
| CA550 | 219I: | Sobrante | 10 | 38 | 28.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 28.00 | 71.12 | 101.3 | 4101343515 | 4101 | 58.4 | 33.9 | 124.3 |
| CA550 | 219I: | Guenoc | 0 | 11 | 11.00 | 1.4 | 1.45 | 1.5 | 0 | 1 | 2 | 11.00 | 27.94 | 40.5 | 1639509500 | 1640 | 23.8 | 13.8 | 50.6 |
| CA550 | 219I: | Guenoc | 11 | 36 | 25.00 | 1.35 | 1.45 | 1.55 | 0.5 | 0.75 | 1 | 25.00 | 63.5 | 92.1 | 3726157956 | 3726 | 54.0 | 31.3 | 114.9 |
| CA550 | 219I: | Hambright | 0 | 4 | 4.00 | 1.45 | 1.5 | 1.55 | 2 | 5 | 8 | 4.00 | 10.16 | 15.2 | 616743386 | 617 | 9.3 | 5.4 | 19.7 |
| CA550 | 219I: | Hambright | 4 | 16 | 12.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 220I: | Sobrante | 0 | 10 | 10.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 10.00 | 25.4 | 36.8 | 1490463182 | 1490 | 21.6 | 12.5 | 46.0 |
| CA550 | 220I: | Sobrante | 10 | 38 | 28.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 28.00 | 71.12 | 101.3 | 4101343515 | 4101 | 58.4 | 33.9 | 124.3 |
| CA550 | 220I: | Hambright | 0 | 4 | 4.00 | 1.45 | 1.5 | 1.55 | 2 | 5 | 8 | 4.00 | 10.16 | 15.2 | 616743386 | 617 | 9.3 | 5.4 | 19.7 |
| CA550 | 220I: | Hambright | 4 | 16 | 12.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | 220I: | Guenoc | 0 | 11 | 11.00 | 1.4 | 1.45 | 1.5 | 0 | 1 | 2 | 11.00 | 27.94 | 40.5 | 1639509500 | 1640 | 23.8 | 13.8 | 50.6 |
| CA550 | 220I: | Guenoc | 11 | 36 | 25.00 | 1.35 | 1.45 | 1.55 | 0.5 | 0.75 | 1 | 25.00 | 63.5 | 92.1 | 3726157956 | 3726 | 54.0 | 31.3 | 114.9 |
| CA550 | AcF2so: | Altamont | 0 | 22 | 22.00 | 1.25 | 1.35 | 1.45 | 1 | 2 | 3 | 22.00 | 55.88 | 75.4 | 3052879759 | 3053 | 41.2 | 23.9 | 87.6 |
| CA550 | AcF2so: | Altamont | 22 | 34 | 12.00 | 1.2 | 1.275 | 1.35 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 38.9 | 1572695634 | 1573 | 20.1 | 11.6 | 42.6 |
| CA550 | AmE2so: | Altamont | 0 | 28 | 28.00 | 1.25 | 1.35 | 1.45 | 1 | 2 | 3 | 28.00 | 71.12 | 96.0 | 3885483330 | 3885 | 52.5 | 30.4 | 111.6 |
| CA550 | AmE2so: | Altamont | 28 | 38 | 10.00 | 1.2 | 1.275 | 1.35 | 0.5 | 0.75 | 1 | 10.00 | 25.4 | 32.4 | 1310579695 | 1311 | 16.7 | 9.7 | 35.5 |
| CA550 | AmE2so: | Diablo | 0 | 30 | 30.00 | 1.2 | 1.275 | 1.35 | 1 | 2.5 | 4 | 30.00 | 76.2 | 97.2 | 3931739084 | 3932 | 50.1 | 29.1 | 106.6 |
| CA550 | AmE2so: | Diablo | 30 | 40 | 10.00 | 1.2 | 1.275 | 1.35 | 0.5 | 0.75 | 1 | 10.00 | 25.4 | 32.4 | 1310579695 | 1311 | 16.7 | 9.7 | 35.5 |
| CA550 | CmEsn: | Cohasset | 0 | 19 | 19.00 | 1.1 | 1.15 | 1.2 | 2 | 6 | 10 | 19.00 | 48.26 | 55.5 | 2245973830 | 2246 | 25.8 | 15.0 | 54.9 |
| CA550 | CmEsn: | Cohasset | 19 | 53 | 34.00 | 1.1 | 1.2 | 1.3 | 0.5 | 0.75 | 1 | 34.00 | 86.36 | 103.6 | 4193855023 | 4194 | 50.3 | 29.2 | 107.0 |
| CA550 | CmFsn: | Cohasset | 0 | 9 | 9.00 | 1.16 | 1.275 | 1.39 | 3 | 4.5 | 6 | 9.00 | 22.86 | 29.1 | 1179521725 | 1180 | 15.0 | 8.7 | 32.0 |
| CA550 | CmFsn: | Cohasset | 9 | 19 | 10.00 | 1.35 | 1.41 | 1.47 | 1 | 1.5 | 2 | 10.00 | 25.4 | 35.8 | 1449346957 | 1449 | 20.4 | 11.9 | 43.5 |
| CA550 | CmFsn: | Cohasset | 19 | 29 | 10.00 | 1.38 | 1.46 | 1.54 | 0.5 | 1 | 1.5 | 10.00 | 25.4 | 37.1 | 1500742239 | 1501 | 21.9 | 12.7 | 46.6 |
| CA550 | CmGsn: | Cohasset | 0 | 15 | 15.00 | 1.25 | 1.3 | 1.35 | 2 | 4 | 6 | 15.00 | 38.1 | 49.5 | 2004416004 | 2004 | 26.1 | 15.1 | 55.4 |
| CA550 | CmGsn: | Cohasset | 15 | 27 | 12.00 | 1.25 | 1.3 | 1.35 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 39.6 | 1603532803 | 1604 | 20.8 | 12.1 | 44.3 |
| CA550 | DaF2y: | Dibble | 0 | 4 | 4.00 | 1.25 | 1.335 | 1.42 | 2 | 2.5 | 3 | 4.00 | 10.16 | 13.6 | 548901613 | 549 | 7.3 | 4.3 | 15.6 |
| CA550 | DaF2y: | Dibble | 4 | 15 | 11.00 | 1.34 | 1.415 | 1.49 | 1 | 1.5 | 2 | 11.00 | 27.94 | 39.5 | 1599935133 | 1600 | 22.6 | 13.1 | 48.1 |
| CA550 | DaF2y: | Dibble | 15 | 20 | 5.00 | 1.41 | 1.42 | 1.43 | 0.5 | 0.85 | 1.2 | 5.00 | 12.7 | 18.0 | 729813006 | 730 | 10.4 | 6.0 | 22.0 |
| CA550 | DaF2y: | Dibble | 20 | 30 | 10.00 | 1.41 | 1.48 | 1.55 | 0.3 | 0.55 | 0.8 | 10.00 | 25.4 | 37.6 | 1521300352 | 1521 | 22.5 | 13.1 | 47.9 |
| CA550 | DaG2y: | Dibble | 0 | 4 | 4.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 4.00 | 10.16 | 14.7 | 596185273 | 596 | 8.6 | 5.0 | 18.4 |
| CA550 | DaG2y: | Dibble | 4 | 30 | 26.00 | 1.3 | 1.35 | 1.4 | 0 | 0.25 | 0.5 | 26.00 | 66.04 | 89.2 | 3607948807 | 3608 | 48.7 | 28.3 | 103.6 |
| CA550 | DbEso: | Dibble | 0 | 13 | 13.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 13.00 | 33.02 | 49.5 | 2004416004 | 2004 | 30.1 | 17.4 | 63.9 |
| CA550 | DbEso: | Dibble | 13 | 30 | 17.00 | 1.3 | 1.35 | 1.4 | 0 | 0.25 | 0.5 | 17.00 | 43.18 | 58.3 | 2359043450 | 2359 | 31.8 | 18.5 | 67.7 |
| CA550 | DbEso: | Los Osos | 0 | 7 | 7.00 | 1.45 | 1.5 | 1.55 | 2 | 3 | 4 | 7.00 | 17.78 | 26.7 | 1079300925 | 1079 | 16.2 | 9.4 | 34.4 |
| CA550 | DbEso: | Los Osos | 7 | 25 | 18.00 | 1.35 | 1.4 | 1.45 | 0 | 0.35 | 0.7 | 18.00 | 45.72 | 64.0 | 2590322220 | 2590 | 36.3 | 21.0 | 77.1 |
| CA550 | DbF2so: | Dibble | 0 | 3 | 3.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 3.00 | 7.62 | 11.4 | 462557539 | 463 | 6.9 | 4.0 | 14.8 |
| CA550 | DbF2so: | Dibble | 3 | 20 | 17.00 | 1.3 | 1.35 | 1.4 | 0 | 0.25 | 0.5 | 17.00 | 43.18 | 58.3 | 2359043450 | 2359 | 31.8 | 18.5 | 67.7 |
| CA550 | DbF2so: | Los Osos | 0 | 1 | 1.00 | 1.45 | 1.5 | 1.55 | 2 | 3 | 4 | 1.00 | 2.54 | 3.8 | 154185846 | 154 | 2.3 | 1.3 | 4.9 |
| CA550 | DbF2so: | Los Osos | 1 | 20 | 19.00 | 1.35 | 1.4 | 1.45 | 0 | 0.35 | 0.7 | 19.00 | 48.26 | 67.6 | 2734229010 | 2734 | 38.3 | 22.2 | 81.4 |
| CA550 | DlEso: | Dibble | 0 | 13 | 13.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 13.00 | 33.02 | 47.9 | 1937602137 | 1938 | 28.1 | 16.3 | 59.7 |
| CA550 | DlEso: | Dibble | 13 | 30 | 17.00 | 1.3 | 1.35 | 1.4 | 0 | 0.25 | 0.5 | 17.00 | 43.18 | 58.3 | 2359043450 | 2359 | 31.8 | 18.5 | 67.7 |
| CA550 | DlEso: | Los Osos | 0 | 7 | 7.00 | 1.4 | 1.45 | 1.5 | 2 | 3 | 4 | 7.00 | 17.78 | 25.8 | 1043324228 | 1043 | 15.1 | 8.8 | 32.2 |
| CA550 | DlEso: | Los Osos | 7 | 25 | 18.00 | 1.35 | 1.4 | 1.45 | 0 | 0.35 | 0.7 | 18.00 | 45.72 | 64.0 | 2590322220 | 2590 | 36.3 | 21.0 | 77.1 |
| CA550 | DlF2so: | Dibble | 0 | 3 | 3.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.75 | 1 | 3.00 | 7.62 | 11.0 | 447138955 | 447 | 6.5 | 3.8 | 13.8 |
| CA550 | DlF2so: | Dibble | 3 | 20 | 17.00 | 1.3 | 1.35 | 1.4 | 0 | 0.25 | 0.5 | 17.00 | 43.18 | 58.3 | 2359043450 | 2359 | 31.8 | 18.5 | 67.7 |
| CA550 | DlF2so: | Los Osos | 0 | 1 | 1.00 | 1.4 | 1.45 | 1.5 | 2 | 3 | 4 | 1.00 | 2.54 | 3.7 | 149046318 | 149 | 2.2 | 1.3 | 4.6 |
| CA550 | DlF2so: | Los Osos | 1 | 20 | 19.00 | 1.35 | 1.4 | 1.45 | 0 | 0.35 | 0.7 | 19.00 | 48.26 | 67.6 | 2734229010 | 2734 | 38.3 | 22.2 | 81.4 |
| CA550 | FaDsn: | Felta | 0 | 5 | 5.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 5.00 | 12.7 | 18.4 | 745231591 | 745 | 10.8 | 6.3 | 23.0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CA550 | FaDsn: | Felta | 5 | 24 | 19.00 | 1.3 | 1.35 | 1.4 | 0.7 | 0.85 | 1 | 19.00 | 48.26 | 65.2 | 2636577974 | 2637 | 35.6 | 20.6 | 75.7 |
| CA550 | FaDsn: | Felta | 24 | 60 | 36.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 36.00 | 91.44 | 130.3 | 5273155948 | 5273 | 75.1 | 43.6 | 159.8 |
| CA550 | FaEsn: | Felta | 0 | 5 | 5.00 | 1.4 | 1.45 | 1.5 | 1 | 2 | 3 | 5.00 | 12.7 | 18.4 | 745231591 | 745 | 10.8 | 6.3 | 23.0 |
| CA550 | FaEsn: | Felta | 5 | 24 | 19.00 | 1.3 | 1.35 | 1.4 | 0.7 | 0.85 | 1 | 19.00 | 48.26 | 65.2 | 2636577974 | 2637 | 35.6 | 20.6 | 75.7 |
| CA550 | FaEsn: | Felta | 24 | 60 | 36.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 36.00 | 91.44 | 130.3 | 5273155948 | 5273 | 75.1 | 43.6 | 159.8 |
| CA550 | GgEsn: | Goulding | 0 | 11 | 11.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 11.00 | 27.94 | 39.8 | 1611242095 | 1611 | 23.0 | 13.3 | 48.8 |
| CA550 | GgEsn: | Goulding | 11 | 20 | 9.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GgFsn: | Goulding | 0 | 9 | 9.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GgFsn: | Goulding | 9 | 18 | 9.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GgGsn: | Goulding | 0 | 9 | 9.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GgGsn: | Goulding | 9 | 18 | 9.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GlDsn: | Goulding | 0 | 11 | 11.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 11.00 | 27.94 | 39.8 | 1611242095 | 1611 | 23.0 | 13.3 | 48.8 |
| CA550 | GlDsn: | Goulding | 11 | 20 | 9.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GlEsn: | Goulding | 0 | 9 | 9.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GlEsn: | Goulding | 9 | 18 | 9.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GlEso: | Gilroy | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | GlEso: | Gilroy | 12 | 38 | 26.00 | 1.4 | 1.45 | 1.5 | 0 | 0.25 | 0.5 | 26.00 | 66.04 | 95.8 | 3875204274 | 3875 | 56.2 | 32.6 | 119.5 |
| CA550 | GlF2sn: | Goulding | 0 | 6 | 6.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 6.00 | 15.24 | 21.7 | 878859325 | 879 | 12.5 | 7.3 | 26.6 |
| CA550 | GlF2sn: | Goulding | 6 | 15 | 9.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GlFsn: | Goulding | 0 | 9 | 9.00 | 1.35 | 1.425 | 1.5 | 1 | 1.5 | 2 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GlFsn: | Goulding | 9 | 18 | 9.00 | 1.35 | 1.425 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 32.6 | 1318288987 | 1318 | 18.8 | 10.9 | 40.0 |
| CA550 | GrGsn: | Guenoc | 0 | 12 | 12.00 | 1.4 | 1.45 | 1.5 | 0.5 | 1.25 | 2 | 12.00 | 30.48 | 44.2 | 1788555819 | 1789 | 25.9 | 15.0 | 55.2 |
| CA550 | GrGsn: | Guenoc | 12 | 25 | 13.00 | 1.35 | 1.4 | 1.45 | 0.4 | 0.7 | 1 | 13.00 | 33.02 | 46.2 | 1870788270 | 1871 | 26.2 | 15.2 | 55.7 |
| CA550 | HaFso: | Hambright | 0 | 5 | 5.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | HaFso: | Hambright | 5 | 19 | 14.00 | 1.45 | 1.5 | 1.55 | 0 | 0.25 | 0.5 | 14.00 | 35.56 | 53.3 | 2158601850 | 2159 | 32.4 | 18.8 | 68.9 |
| CA550 | HbCsn: | Haire | 0 | 24 | 24.00 | 1.35 | 1.4 | 1.45 | 1 | 2 | 3 | 24.00 | 60.96 | 85.3 | 3453762960 | 3454 | 48.4 | 28.0 | 102.8 |
| CA550 | HbCsn: | Haire | 24 | 36 | 12.00 | 1.35 | 1.4 | 1.45 | 0 | 0.25 | 0.5 | 12.00 | 30.48 | 42.7 | 1726881480 | 1727 | 24.2 | 14.0 | 51.4 |
| CA550 | HbCsn: | Haire | 36 | 60 | 24.00 | 1.4 | 1.45 | 1.5 | 0 | 0.25 | 0.5 | 24.00 | 60.96 | 88.4 | 3577111637 | 3577 | 51.9 | 30.1 | 110.3 |
| CA550 | HcCsn: | Haire | 0 | 24 | 24.00 | 1.35 | 1.4 | 1.45 | 1 | 2 | 3 | 24.00 | 60.96 | 85.3 | 3453762960 | 3454 | 48.4 | 28.0 | 102.8 |
| CA550 | HcCsn: | Haire | 24 | 36 | 12.00 | 1.35 | 1.4 | 1.45 | 0 | 0.25 | 0.5 | 12.00 | 30.48 | 42.7 | 1726881480 | 1727 | 24.2 | 14.0 | 51.4 |
| CA550 | HcCsn: | Haire | 36 | 60 | 24.00 | 1.4 | 1.45 | 1.5 | 0 | 0.25 | 0.5 | 24.00 | 60.96 | 88.4 | 3577111637 | 3577 | 51.9 | 30.1 | 110.3 |
| CA550 | HcEsn: | Haire | 0 | 14 | 14.00 | 1.35 | 1.4 | 1.45 | 1 | 2 | 3 | 14.00 | 35.56 | 49.8 | 2014695060 | 2015 | 28.2 | 16.4 | 60.0 |
| CA550 | HcEsn: | Haire | 14 | 27 | 13.00 | 1.35 | 1.4 | 1.45 | 0 | 0.25 | 0.5 | 13.00 | 33.02 | 46.2 | 1870788270 | 1871 | 26.2 | 15.2 | 55.7 |
| CA550 | HcEsn: | Haire | 27 | 60 | 33.00 | 1.4 | 1.45 | 1.5 | 0 | 0.25 | 0.5 | 33.00 | 83.82 | 121.5 | 4918528501 | 4919 | 71.3 | 41.4 | 151.7 |
| CA550 | HgG2sn: | Henneke | 0 | 5 | 5.00 | 1.4 | 1.45 | 1.5 | 2 | 4.5 | 7 | 5.00 | 12.7 | 18.4 | 745231591 | 745 | 10.8 | 6.3 | 23.0 |
| CA550 | HgG2sn: | Henneke | 5 | 16 | 11.00 | 1.35 | 1.4 | 1.45 | 0 | 0.25 | 0.5 | 11.00 | 27.94 | 39.1 | 1582974690 | 1583 | 22.2 | 12.9 | 47.1 |
| CA550 | HtEso: | Hambright | 0 | 5 | 5.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 5.00 | 12.7 | 19.1 | 770929232 | 771 | 11.6 | 6.7 | 24.6 |
| CA550 | HtEso: | Hambright | 5 | 19 | 14.00 | 1.45 | 1.5 | 1.55 | 0 | 0.25 | 0.5 | 14.00 | 35.56 | 53.3 | 2158601850 | 2159 | 32.4 | 18.8 | 68.9 |
| CA550 | HtEso: | Toomes | 0 | 19 | 19.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 19.00 | 48.26 | 72.4 | 2929531082 | 2930 | 43.9 | 25.5 | 93.5 |
| CA550 | JoFsn: | Josephine | 0 | 13 | 13.00 | 1.2 | 1.25 | 1.3 | 2 | 3.5 | 5 | 13.00 | 33.02 | 41.3 | 1670346670 | 1670 | 20.9 | 12.1 | 44.4 |
| CA550 | JoFsn: | Josephine | 13 | 35 | 22.00 | 1.2 | 1.3 | 1.4 | 0.7 | 1.35 | 2 | 22.00 | 55.88 | 72.6 | 2939810139 | 2940 | 38.2 | 22.2 | 81.3 |
| CA550 | JoFsn: | Josephine | 35 | 45 | 10.00 | 1.5 | 1.55 | 1.6 | 0.5 | 0.75 | 1 | 10.00 | 25.4 | 39.4 | 1593253747 | 1593 | 24.7 | 14.3 | 52.5 |
| CA550 | LaE2sn: | Laniger | 0 | 10 | 10.00 | 0.85 | 0.875 | 0.9 | 1 | 3 | 5 | 10.00 | 25.4 | 22.2 | 899417438 | 899 | 7.9 | 4.6 | 16.7 |
| CA550 | LaE2sn: | Laniger | 10 | 22 | 12.00 | 0.9 | 1 | 1.1 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 30.5 | 1233486771 | 1233 | 12.3 | 7.2 | 26.2 |
| CA550 | LaEsn: | Laniger | 0 | 17 | 17.00 | 0.85 | 0.875 | 0.9 | 1 | 3 | 5 | 17.00 | 43.18 | 37.8 | 1529009644 | 1529 | 13.4 | 7.8 | 28.5 |
| CA550 | LaEsn: | Laniger | 17 | 29 | 12.00 | 0.9 | 1 | 1.1 | 0.5 | 0.75 | 1 | 12.00 | 30.48 | 30.5 | 1233486771 | 1233 | 12.3 | 7.2 | 26.2 |
| CA550 | LaFsn: | Laniger | 0 | 11 | 11.00 | 0.85 | 0.875 | 0.9 | 1 | 3 | 5 | 11.00 | 27.94 | 24.4 | 989359181 | 989 | 8.7 | 5.0 | 18.4 |
| CA550 | LaFsn: | Laniger | 11 | 25 | 14.00 | 0.9 | 1 | 1.1 | 0.5 | 0.75 | 1 | 14.00 | 35.56 | 35.6 | 1439067900 | 1439 | 14.4 | 8.3 | 30.6 |
| CA550 | LgFsn: | Laughlin | 0 | 4 | 4.00 | 1.45 | 1.5 | 1.55 | 2 | 3.5 | 5 | 4.00 | 10.16 | 15.2 | 616743386 | 617 | 9.3 | 5.4 | 19.7 |
| CA550 | LgFsn: | Laughlin | 4 | 22 | 18.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 18.00 | 45.72 | 68.6 | 2775345236 | 2775 | 41.6 | 24.1 | 88.5 |
| CA550 | McFsn: | Maymen | 0 | 12 | 12.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 12.00 | 30.48 | 45.7 | 1850230157 | 1850 | 27.8 | 16.1 | 59.0 |
| CA550 | McFsn: | Maymen | 12 | 18 | 6.00 | 1.45 | 1.5 | 1.55 | 0.5 | 0.75 | 1 | 6.00 | 15.24 | 22.9 | 925115079 | 925 | 13.9 | 8.0 | 29.5 |
| CA550 | MlGsn: | Maymen | 0 | 5 | 5.00 | 1.5 | 1.525 | 1.55 | 1 | 1.5 | 2 | 5.00 | 12.7 | 19.4 | 783778053 | 784 | 12.0 | 6.9 | 25.4 |
| CA550 | MlGsn: | Maymen | 5 | 12 | 7.00 | 1.5 | 1.525 | 1.55 | 1 | 1.5 | 2 | 7.00 | 17.78 | 27.1 | 1097289274 | 1097 | 16.7 | 9.7 | 35.6 |
| CA550 | MlGsn: | Maymen | 12 | 18 | 6.00 | 1.4 | 1.41 | 1.42 | 0.5 | 0.75 | 1 | 6.00 | 15.24 | 21.5 | 869608174 | 870 | 12.3 | 7.1 | 26.1 |
| CA550 | MlGsn: | Los Gatos | 0 | 2 | 2.00 | 1.26 | 1.385 | 1.51 | 1 | 2.5 | 4 | 2.00 | 5.08 | 7.0 | 284729863 | 285 | 3.9 | 2.3 | 8.4 |
| CA550 | MlGsn: | Los Gatos | 2 | 7 | 5.00 | 1.26 | 1.385 | 1.51 | 1 | 2.5 | 4 | 5.00 | 12.7 | 17.6 | 711824658 | 712 | 9.9 | 5.7 | 21.0 |
| CA550 | MlGsn: | Los Gatos | 7 | 17 | 10.00 | 1.43 | 1.485 | 1.54 | 0.7 | 0.85 | 1 | 10.00 | 25.4 | 37.7 | 1526439880 | 1526 | 22.7 | 13.1 | 48.2 |
| CA550 | MlGsn: | Los Gatos | 17 | 25 | 8.00 | 1.48 | 1.55 | 1.62 | 0.5 | 0.6 | 0.7 | 8.00 | 20.32 | 31.5 | 1274602997 | 1275 | 19.8 | 11.5 | 42.0 |
| CA550 | MmG2so: | Millsholm, eroded | 0 | 6 | 6.00 | 1.39 | 1.435 | 1.48 | 1 | 1.75 | 2.5 | 6.00 | 15.24 | 21.9 | 885026759 | 885 | 12.7 | 7.4 | 27.0 |
| CA550 | MmG2so: | Millsholm, eroded | 6 | 15 | 9.00 | 1.38 | 1.47 | 1.56 | 0.5 | 0.75 | 1 | 9.00 | 22.86 | 33.6 | 1359919166 | 1360 | 20.0 | 11.6 | 42.5 |
| CA550 | MoEsn: | Montara | 0 | 10 | 10.00 | 1.35 | 1.4 | 1.45 | 1 | 2 | 3 | 10.00 | 25.4 | 35.6 | 1439067900 | 1439 | 20.1 | 11.7 | 42.8 |
| CA550 | MoGsn: | Montara | 0 | 10 | 10.00 | 1.35 | 1.4 | 1.45 | 1 | 2 | 3 | 10.00 | 25.4 | 35.6 | 1439067900 | 1439 | 20.1 | 11.7 | 42.8 |
| CA550 | RaDsn: | Raynor | 0 | 17 | 17.00 | 1.3 | 1.35 | 1.4 | 1 | 2.5 | 4 | 17.00 | 43.18 | 58.3 | 2359043450 | 2359 | 31.8 | 18.5 | 67.7 |
| CA550 | RaDsn: | Raynor | 17 | 35 | 18.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.75 | 1 | 18.00 | 45.72 | 61.7 | 2497810712 | 2498 | 33.7 | 19.6 | 71.7 |
| CA550 | RaDsn: | Raynor | 35 | 45 | 10.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.6 | 0.7 | 10.00 | 25.4 | 34.3 | 1387672618 | 1388 | 18.7 | 10.9 | 39.8 |
| CA550 | RhFsn: | Red Hill | 0 | 16 | 16.00 | 1.3 | 1.35 | 1.4 | 1 | 2 | 3 | 16.00 | 40.64 | 54.9 | 2220276189 | 2220 | 30.0 | 17.4 | 63.7 |
| CA550 | RhFsn: | Red Hill | 16 | 48 | 32.00 | 1.3 | 1.35 | 1.4 | 0.5 | 0.6 | 0.7 | 32.00 | 81.28 | 109.7 | 4440552377 | 4441 | 59.9 | 34.8 | 127.5 |
| CA550 | RhFsn: | Red Hill | 48 | 80 | 32.00 | 1.25 | 1.3 | 1.35 | 0 | 0.25 | 0.5 | 32.00 | 81.28 | 105.7 | 4276087474 | 4276 | 55.6 | 32.2 | 118.2 |
| CA550 | RoAso: | Rincon | 0 | 6 | 6.00 | 1.4 | 1.415 | 1.43 | 1 | 1.5 | 2 | 6.00 | 15.24 | 21.6 | 872691891 | 873 | 12.3 | 7.2 | 26.3 |
| CA550 | RoAso: | Rincon | 6 | 12 | 6.00 | 1.4 | 1.435 | 1.47 | 1 | 1.5 | 2 | 6.00 | 15.24 | 21.9 | 885026759 | 885 | 12.7 | 7.4 | 27.0 |
| CA550 | RoAso: | Rincon | 12 | 29 | 17.00 | 1.31 | 1.47 | 1.63 | 0.5 | 1.25 | 2 | 17.00 | 43.18 | 63.5 | 2568736202 | 2569 | 37.8 | 21.9 | 80.3 |
| CA550 | RoAso: | Rincon | 29 | 38 | 9.00 | 1.39 | 1.445 | 1.5 | 0 | 0.25 | 0.5 | 9.00 | 22.86 | 33.0 | 1336791289 | 1337 | 19.3 | 11.2 | 41.1 |
| CA550 | RoAso: | Rincon | 38 | 79 | 41.00 | 1.44 | 1.46 | 1.48 | 0 | 0.25 | 0.5 | 41.00 | 104.14 | 152.0 | 6153043178 | 6153 | 89.8 | 52.1 | 191.0 |
| CA550 | RoCso: | Rincon | 0 | 6 | 6.00 | 1.39 | 1.415 | 1.44 | 1 | 1.5 | 2 | 6.00 | 15.24 | 21.6 | 872691891 | 873 | 12.3 | 7.2 | 26.3 |
| CA550 | RoCso: | Rincon | 6 | 18 | 12.00 | 1.41 | 1.465 | 1.52 | 1 | 2 | 3 | 12.00 | 30.48 | 44.7 | 1807058120 | 1807 | 26.5 | 15.4 | 56.3 |
| CA550 | RoCso: | Rincon | 18 | 52 | 34.00 | 1.32 | 1.415 | 1.51 | 0.5 | 1.25 | 2 | 34.00 | 86.36 | 122.2 | 4945254048 | 4945 | 70.0 | 40.6 | 148.8 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CA550 | RoCso: | Rincon | 52 | 64 | 12.00 | 1.51 | 1.535 | 1.56 | 0 | 0.25 | 0.5 | 12.00 | 30.48 | 46.8 | 1893402194 | 1893 | 29.1 | 16.9 | 61.8 |
| CA550 | SkFsn: | Spreckels | 0 | 9 | 9.00 | 1.45 | 1.5 | 1.55 | 0.5 | 1.25 | 2 | 9.00 | 22.86 | 34.3 | 1387672618 | 1388 | 20.8 | 12.1 | 44.3 |
| CA550 | SkFsn: | Spreckels | 9 | 18 | 9.00 | 1.4 | 1.45 | 1.5 | 0.5 | 0.6 | 0.7 | 9.00 | 22.86 | 33.1 | 1341416864 | 1341 | 19.5 | 11.3 | 41.4 |
| CA550 | SkFsn: | Spreckels | 18 | 37 | 19.00 | 1.35 | 1.4 | 1.45 | 0 | 0.25 | 0.5 | 19.00 | 48.26 | 67.6 | 2734229010 | 2734 | 38.3 | 22.2 | 81.4 |
| CA550 | StEsn: | Suther | 0 | 3 | 3.00 | 1.4 | 1.475 | 1.55 | 1 | 1.5 | 2 | 3.00 | 7.62 | 11.2 | 454848247 | 455 | 6.7 | 3.9 | 14.3 |
| CA550 | StEsn: | Suther | 3 | 14 | 11.00 | 1.4 | 1.45 | 1.5 | 0.7 | 0.85 | 1 | 11.00 | 27.94 | 40.5 | 1639509500 | 1640 | 23.8 | 13.8 | 50.6 |
| CA550 | StEsn: | Suther | 14 | 36 | 22.00 | 1.35 | 1.4 | 1.45 | 0.5 | 0.6 | 0.7 | 22.00 | 55.88 | 78.2 | 3165949380 | 3166 | 44.3 | 25.7 | 94.3 |
| CA550 | ToG2so: | Toomes | 0 | 10 | 10.00 | 1.45 | 1.5 | 1.55 | 1 | 1.5 | 2 | 10.00 | 25.4 | 38.1 | 1541858464 | 1542 | 23.1 | 13.4 | 49.2 |
| CA550 | ToGsn: | Toomes | 0 | 4 | 4.00 | 1.4 | 1.45 | 1.5 | 1 | 1.5 | 2 | 4.00 | 10.16 | 14.7 | 596185273 | 596 | 8.6 | 5.0 | 18.4 |
| CA550 | ToGsn: | Toomes | 4 | 13 | 9.00 | 1.4 | 1.45 | 1.5 | 1 | 1.5 | 2 | 9.00 | 22.86 | 33.1 | 1341416864 | 1341 | 19.5 | 11.3 | 41.4 |
| CA550 | Ysso: | Yolo | 0 | 9 | 9.00 | 1.36 | 1.41 | 1.46 | 2 | 2.5 | 3 | 9.00 | 22.86 | 32.2 | 1304412261 | 1304 | 18.4 | 10.7 | 39.1 |
| CA550 | Ysso: | Yolo | 9 | 18 | 9.00 | 1.26 | 1.325 | 1.39 | 1 | 1.5 | 2 | 9.00 | 22.86 | 30.3 | 1225777479 | 1226 | 16.2 | 9.4 | 34.5 |
| CA550 | Ysso: | Yolo | 18 | 28 | 10.00 | 1.29 | 1.38 | 1.47 | 0.7 | 1.1 | 1.5 | 10.00 | 25.4 | 35.1 | 1418509787 | 1419 | 19.6 | 11.4 | 41.6 |
| CA550 | Ysso: | Yolo | 28 | 36 | 8.00 | 1.42 | 1.445 | 1.47 | 0.5 | 0.85 | 1.2 | 8.00 | 20.32 | 29.4 | 1188258923 | 1188 | 17.2 | 10.0 | 36.5 |
| CA550 | Ysso: | Yolo | 36 | 44 | 8.00 | 1.38 | 1.405 | 1.43 | 0.5 | 0.75 | 1 | 8.00 | 20.32 | 28.5 | 1155365943 | 1155 | 16.2 | 9.4 | 34.5 |
| CA550 | Ysso: | Yolo | 44 | 60 | 16.00 | 1.4 | 1.415 | 1.43 | 0.3 | 0.5 | 0.7 | 16.00 | 40.64 | 57.5 | 2327178376 | 2327 | 32.9 | 19.1 | 70.0 |

**Conversion Units**

| | |
|---|---|
| 2.54 | cm per inch |
| 40,468,726 | cm2 per acre |
| 58% | Percent of Organic Matter that is Carbon |
| 3.67 | grams of CO2 per gram of C |

| Row Labels | Sum of mass of soil carbon per acre (metric ton CO2e/acre) |
|---|---|
| **100:** | **192.8828277** |
| Aiken | 192.8828277 |
| **101:** | **192.8828277** |
| Aiken | 192.8828277 |
| **102:** | **192.8828277** |
| Aiken | 192.8828277 |
| **103:** | **275.765498** |
| Bale | 275.765498 |
| **104:** | **264.6496236** |
| Bale | 264.6496236 |
| **105:** | **264.6496236** |
| Bale | 264.6496236 |
| **106:** | **540.4151215** |
| Bale | 540.4151215 |
| **107:** | **202.981933** |
| Boomer | 202.981933 |
| **108:** | **202.981933** |
| Boomer | 202.981933 |
| **109:** | **202.981933** |
| Boomer | 202.981933 |
| **110:** | **499.2210791** |
| Boomer | 181.8489288 |
| Felta | 258.7938421 |
| Forward | 58.57830819 |
| **111:** | **499.2210791** |
| Boomer | 181.8489288 |
| Felta | 258.7938421 |
| Forward | 58.57830819 |
| **112:** | **291.5976947** |
| Bressa | 147.7307361 |
| Dibble | 143.8669587 |
| **113:** | **291.5976947** |
| Bressa | 147.7307361 |
| Dibble | 143.8669587 |
| **114:** | **291.5976947** |
| Bressa | 147.7307361 |
| Dibble | 143.8669587 |
| **115:** | **291.5976947** |
| Bressa | 147.7307361 |
| Dibble | 143.8669587 |
| **116:** | **225.2781145** |
| Clear Lake, drained | 225.2781145 |
| **117:** | **290.2628607** |
| Clear Lake | 290.2628607 |
| **118:** | **270.6614863** |
| Cole | 270.6614863 |
| **119:** | **270.6614863** |
| Cole | 270.6614863 |
| **120:** | **144.4476183** |
| Contra Costa | 144.4476183 |
| **121:** | **144.4476183** |
| Contra Costa | 144.4476183 |
| **122:** | **286.2802189** |
| Coombs | 286.2802189 |

| | |
|---|---|
| **123:** | **286.2802189** |
| Coombs | 286.2802189 |
| **124:** | **332.4615946** |
| Cortina | 332.4615946 |
| **125:** | **295.1117101** |
| Cortina | 295.1117101 |
| **126:** | **204.536188** |
| Diablo | 204.536188 |
| **127:** | **204.536188** |
| Diablo | 204.536188 |
| **128:** | **221.6616845** |
| Diablo | 221.6616845 |
| **129:** | **204.536188** |
| Diablo | 204.536188 |
| **129l:** | **413.8887084** |
| Collayomi | 287.7953989 |
| Whispering | 126.0933094 |
| **130:** | **259.2392422** |
| Egbert | 259.2392422 |
| **131:** | **208.5920612** |
| Fagan | 208.5920612 |
| **132:** | **208.5920612** |
| Fagan | 208.5920612 |
| **133:** | **208.5920612** |
| Fagan | 208.5920612 |
| **134:** | **208.5920612** |
| Fagan | 208.5920612 |
| **134l:** | **368.8896376** |
| Forward variant | 304.9487671 |
| Kidd | 63.94087052 |
| **135:** | **151.6710239** |
| Felton | 151.6710239 |
| **136:** | **151.6710239** |
| Felton | 151.6710239 |
| **137:** | **151.6710239** |
| Felton | 151.6710239 |
| **138:** | **159.4280898** |
| Forward | 159.4280898 |
| **139:** | **159.4280898** |
| Forward | 159.4280898 |
| **140:** | **159.4280898** |
| Forward | 159.4280898 |
| **141:** | **211.8577455** |
| Forward | 159.4280898 |
| Kidd | 52.42965571 |
| **142:** | **131.341434** |
| Guenoc | 131.341434 |
| **142l:** | **130.5977525** |
| Henneke | 80.18447484 |
| Montara | 50.41327763 |
| **143:** | **140.7600882** |
| Guenoc | 140.7600882 |
| **143l:** | **142.2497465** |
| Henneke | 80.18447484 |
| Okiota | 62.06527165 |

| | |
|---|---|
| **144:** | **137.882749** |
| Guenoc | 137.882749 |
| **145:** | **259.0561636** |
| Haire | 259.0561636 |
| **146:** | **259.0561636** |
| Haire | 259.0561636 |
| **147:** | **257.0750897** |
| Haire | 257.0750897 |
| **148:** | **271.0218505** |
| Haire | 271.0218505 |
| **148l:** | **205.4619643** |
| Forward | 125.6082879 |
| Kidd | 79.85367648 |
| **149:** | **257.0750897** |
| Haire | 257.0750897 |
| **149l:** | **205.4619643** |
| Forward | 125.6082879 |
| Kidd | 79.85367648 |
| **150:** | **260.244808** |
| Haire | 260.244808 |
| **151:** | **55.15309959** |
| Hambright | 55.15309959 |
| **152:** | **55.15309959** |
| Hambright | 55.15309959 |
| **153:** | **69.98716295** |
| Henneke | 69.98716295 |
| **154:** | **66.44932005** |
| Henneke | 66.44932005 |
| **155:** | **24.78938365** |
| Kidd | 24.78938365 |
| **156:** | **24.78938365** |
| Kidd | 24.78938365 |
| **157:** | **243.9849726** |
| Felton | 151.6710239 |
| Lodo | 33.29160666 |
| Maymen | 59.02234202 |
| **158:** | **165.4592988** |
| Los Gatos | 165.4592988 |
| **159:** | **165.4592988** |
| Los Gatos | 165.4592988 |
| **160:** | **165.4592988** |
| Los Gatos | 165.4592988 |
| **161:** | **256.2416723** |
| Maxwell | 256.2416723 |
| **162:** | **224.4816408** |
| Los Gatos | 165.4592988 |
| Maymen | 59.02234202 |
| **163:** | **147.4670483** |
| Lodo | 33.29160666 |
| Maymen | 59.02234202 |
| Millsholm | 55.15309959 |
| **164:** | **74.85978519** |
| Millsholm | 74.85978519 |
| **165:** | **52.28483237** |
| Millsholm | 52.28483237 |

| | |
|---|---|
| **166:** | **55.15309959** |
| Montara | 55.15309959 |
| **167:** | **55.15309959** |
| Montara | 55.15309959 |
| **168:** | **298.3943907** |
| Perkins | 298.3943907 |
| **169:** | **285.1161672** |
| Perkins | 285.1161672 |
| **170:** | **335.0879795** |
| Pleasanton | 335.0879795 |
| **171:** | **364.5723719** |
| Pleasanton | 364.5723719 |
| **172:** | **235.7403711** |
| Reyes | 235.7403711 |
| **173:** | **235.7403711** |
| Reyes, salt ponds | 235.7403711 |
| **175l:** | **233.9142855** |
| Bressa | 123.3676249 |
| Maymen | 59.02234202 |
| Millsholm | 51.52431857 |
| **176:** | **57.07132571** |
| Hambright | 57.07132571 |
| **177:** | **24.78938365** |
| Kidd | 24.78938365 |
| **178:** | **134.1118771** |
| Sobrante | 134.1118771 |
| **179:** | **134.1118771** |
| Sobrante | 134.1118771 |
| **180:** | **279.6347404** |
| Tehama | 279.6347404 |
| **181:** | **258.8241184** |
| Yolo, moist | 258.8241184 |
| **182:** | **257.7538466** |
| Yolo, moist | 257.7538466 |
| **192l:** | **147.9548024** |
| Henneke | 87.03609435 |
| Okiota | 60.918708 |
| **193l:** | **286.1791158** |
| Dubakella | 136.5260549 |
| Henneke | 87.03609435 |
| Okiota | 62.6169666 |
| **202l:** | **730.4342726** |
| Kekawaka | 328.3336376 |
| Sanhedrin | 272.3894747 |
| Speaker | 129.7111604 |
| **209l:** | **246.0548533** |
| Millsholm | 75.47208734 |
| Skyhigh | 170.582766 |
| **219l:** | **417.632255** |
| Guenoc | 165.4592988 |
| Hambright | 78.69645602 |
| Sobrante | 173.4765002 |
| **220l:** | **414.4078864** |
| Guenoc | 165.4592988 |
| Hambright | 78.69645602 |

| | |
|---|---|
| Sobrante | 170.2521316 |
| **AcF2so:** | **130.29182** |
| Altamont | 130.29182 |
| **AmE2so:** | **289.2340685** |
| Altamont | 147.0885948 |
| Diablo | 142.1454737 |
| **CmEsn:** | **161.9562135** |
| Cohasset | 161.9562135 |
| **CmFsn:** | **122.0398954** |
| Cohasset | 122.0398954 |
| **CmGsn:** | **99.74775801** |
| Cohasset | 99.74775801 |
| **DaF2y:** | **133.6514482** |
| Dibble | 133.6514482 |
| **DaG2y:** | **121.9685768** |
| Dibble | 121.9685768 |
| **DbEso:** | **243.2212344** |
| Dibble | 131.669008 |
| Los Osos | 111.5522264 |
| **DbF2so:** | **168.8093632** |
| Dibble | 82.48372297 |
| Los Osos | 86.32564023 |
| **DlEso:** | **236.772497** |
| Dibble | 127.4773287 |
| Los Osos | 109.2951683 |
| **DlF2so:** | **167.5196157** |
| Dibble | 81.51641236 |
| Los Osos | 86.00320336 |
| **FaDsn:** | **258.4796028** |
| Felta | 258.4796028 |
| **FaEsn:** | **258.4796028** |
| Felta | 258.4796028 |
| **GgEsn:** | **88.77943945** |
| Goulding | 88.77943945 |
| **GgFsn:** | **79.9014955** |
| Goulding | 79.9014955 |
| **GgGsn:** | **79.9014955** |
| Goulding | 79.9014955 |
| **GlDsn:** | **88.77943945** |
| Goulding | 88.77943945 |
| **GlEsn:** | **79.9014955** |
| Goulding | 79.9014955 |
| **GlEso:** | **178.5207245** |
| Gilroy | 178.5207245 |
| **GlF2sn:** | **66.58457959** |
| Goulding | 66.58457959 |
| **GlFsn:** | **79.9014955** |
| Goulding | 79.9014955 |
| **GrGsn:** | **110.8527024** |
| Guenoc | 110.8527024 |
| **HaFso:** | **93.45204152** |
| Hambright | 93.45204152 |
| **HbCsn:** | **264.551253** |
| Haire | 264.551253 |
| **HcCsn:** | **264.551253** |

| | |
|---|---|
| Haire | 264.551253 |
| **HcEsn:** | **267.3548142** |
| Haire | 267.3548142 |
| **HgG2sn:** | **70.11089127** |
| Henneke | 70.11089127 |
| **HtEso:** | **186.904083** |
| Hambright | 93.45204152 |
| Toomes | 93.45204152 |
| **JoFsn:** | **178.1982876** |
| Josephine | 178.1982876 |
| **LaE2sn:** | **42.96881149** |
| Laniger | 42.96881149 |
| **LaEsn:** | **54.68447313** |
| Laniger | 54.68447313 |
| **LaFsn:** | **49.01450277** |
| Laniger | 49.01450277 |
| **LgFsn:** | **108.207627** |
| Laughlin | 108.207627 |
| **McFsn:** | **88.53351302** |
| Maymen | 88.53351302 |
| **MlGsn:** | **206.6567296** |
| Los Gatos | 119.5745103 |
| Maymen | 87.08221921 |
| **MmG2so:** | **69.52274456** |
| Millsholm, eroded | 69.52274456 |
| **MoEsn:** | **42.84584828** |
| Montara | 42.84584828 |
| **MoGsn:** | **42.84584828** |
| **RaDsn:** | **179.2803639** |
| **RhFsn:** | **309.4519532** |
| **RoAso:** | **365.7020486** |
| **RoCso:** | **293.1845213** |
| **SkFsn:** | **167.0386929** |
| **StEsn:** | **159.0857056** |
| **ToG2so:** | **49.18528501** |
| **ToGsn:** | **59.74919123** |
| **Ysso:** | **256.3526671** |
| **Grand Total** | **28152.47555** |

| | MT C stored by soil type |
|---|---|
| 100 | 17.53480252 |
| 101 | 17.53480252 |
| 102 | 17.53480252 |
| 103 | 37.60438609 |
| 104 | 36.08858503 |
| 105 | 36.08858503 |
| 106 | 36.84648556 |
| 107 | 9.226451498 |
| 108 | 9.226451498 |
| 109 | 9.226451498 |
| 110 | 19.45017191 |
| 111 | 19.45017191 |
| 112 | 19.881661 |
| 113 | 19.881661 |
| 114 | 19.881661 |
| 115 | 19.881661 |
| 116 | 15.35987144 |
| 117 | 39.58129919 |
| 118 | 10.54525271 |
| 119 | 10.54525271 |
| 120 | 13.13160166 |
| 121 | 19.69740249 |
| 122 | 26.02547445 |
| 123 | 26.02547445 |
| 124 | 22.667836 |
| 125 | 40.24250592 |
| 126 | 11.15651934 |
| 127 | 11.15651934 |
| 128 | 60.45318667 |
| 129 | 11.15651934 |
| 129l | 22.57574773 |
| 130 | 35.35080576 |
| 131 | 18.96291466 |
| 132 | 18.96291466 |
| 133 | 18.96291466 |
| 134 | 18.96291466 |
| 134l | 25.1515662 |
| 135 | 20.68241235 |
| 136 | 20.68241235 |
| 137 | 20.68241235 |
| 138 | 7.246731356 |
| 139 | 7.246731356 |
| 140 | 7.246731356 |
| 141 | 6.419931683 |
| 142 | 8.955097772 |
| 142l | 5.936261476 |
| 143 | 19.19455748 |
| 143l | 4.849423176 |
| 144 | 18.80219304 |
| 145 | 17.66292025 |
| 146 | 17.66292025 |

| | |
|---|---|
| 147 | 17.52784702 |
| 148 | 18.47876253 |
| 148l | 14.0087703 |
| 149 | 17.52784702 |
| 149l | 14.0087703 |
| 150 | 17.74396418 |
| 151 | 15.04175443 |
| 152 | 15.04175443 |
| 153 | 9.543704039 |
| 154 | 9.061270916 |
| 155 | 6.760740995 |
| 156 | 6.760740995 |
| 157 | 16.63533904 |
| 158 | 22.56263165 |
| 159 | 22.56263165 |
| 160 | 22.56263165 |
| 161 | 69.88409246 |
| 162 | 20.40742189 |
| 163 | 13.4060953 |
| 164 | 10.20815253 |
| 165 | 7.129749869 |
| 166 | 15.04175443 |
| 167 | 15.04175443 |
| 168 | 13.56338139 |
| 169 | 38.87947734 |
| 170 | 18.27752616 |
| 171 | 19.88576574 |
| 172 | 32.14641425 |
| 173 | 32.14641425 |
| 175l | 12.75896103 |
| 176 | 15.56490701 |
| 177 | 6.760740995 |
| 178 | 18.28798325 |
| 179 | 18.28798325 |
| 180 | 38.13201005 |
| 181 | 17.64709898 |
| 182 | 17.5741259 |
| 192l | 6.725218289 |
| 193l | 9.756106221 |
| 202l | 24.90116839 |
| 209l | 13.42117382 |
| 219l | 18.98328432 |
| 220l | 18.83672211 |
| AcF2so | 17.76706636 |
| AmE2so | 19.72050467 |
| CmEsn | 22.0849382 |
| CmFsn | 11.09453595 |
| CmGsn | 13.601967 |
| DaF2y | 9.112598742 |
| DaG2y | 16.63207865 |
| DbEso | 16.58326598 |
| DbF2so | 11.50972931 |
| DlEso | 16.14357934 |

| | |
|---|---|
| DlF2so | 11.42179198 |
| FaDsn | 23.49814571 |
| FaEsn | 23.49814571 |
| GgEsn | 12.1062872 |
| GgFsn | 10.89565848 |
| GgGsn | 10.89565848 |
| GlDsn | 12.1062872 |
| GlEsn | 10.89565848 |
| GlEso | 24.34373516 |
| GlF2sn | 9.079715398 |
| GlFsn | 10.89565848 |
| GrGsn | 15.11627759 |
| HaFso | 12.74346021 |
| HbCsn | 24.05011391 |
| HcCsn | 24.05011391 |
| HcEsn | 24.30498311 |
| HgG2sn | 9.560576082 |
| HtEso | 16.99128028 |
| JoFsn | 16.19984433 |
| LaE2sn | 5.859383385 |
| LaEsn | 7.456973609 |
| LaFsn | 6.683795833 |
| LgFsn | 14.7555855 |
| McFsn | 12.07275178 |
| MlGsn | 8.051560892 |
| MmG2so | 9.480374258 |
| MoEsn | 11.68523135 |
| MoGsn | 11.68523135 |
| RaDsn | 16.2982149 |
| RhFsn | 28.13199574 |
| RoAso | 19.94738447 |
| RoCso | 19.98985373 |
| SkFsn | 15.18533572 |
| StEsn | 14.46233687 |
| ToG2so | 13.41416864 |
| ToGsn | 8.147616986 |
| Ysso | 11.65239396 |

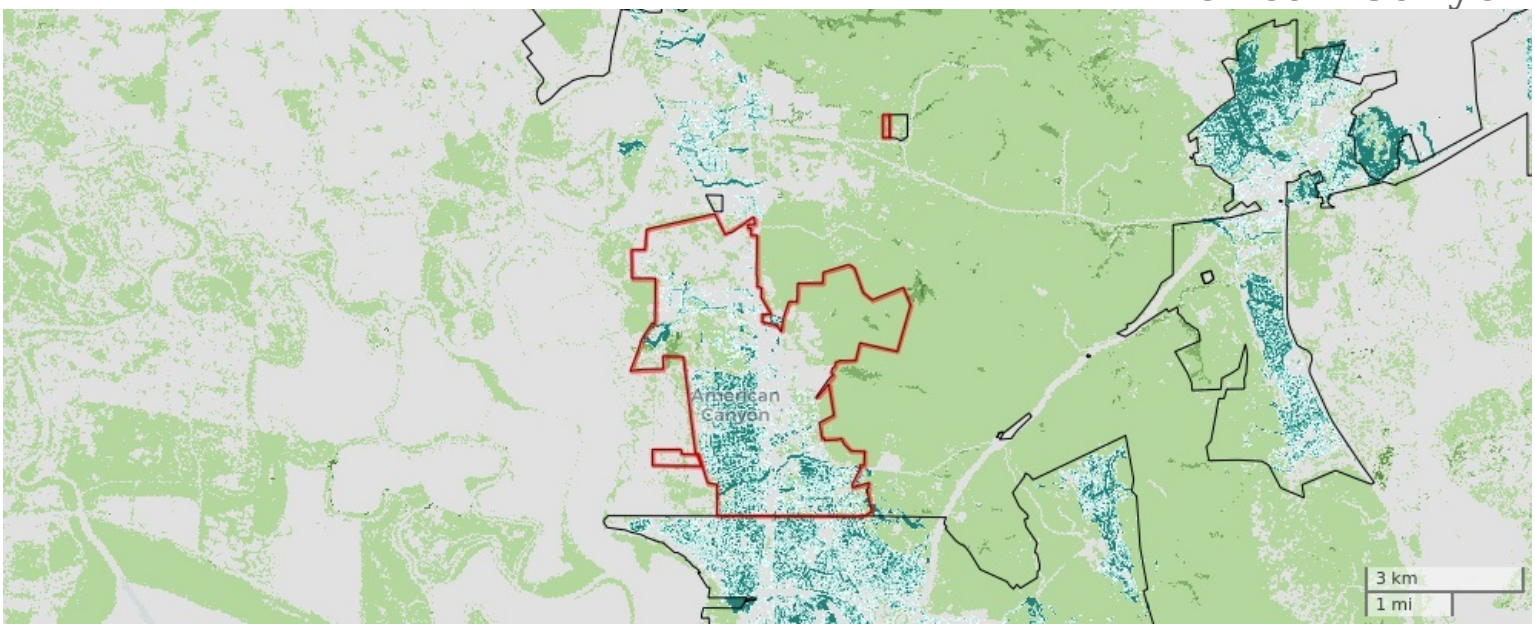
| | | |
|---|---|---|
| 183 | 0 | Note: Not relevant to carbon, so assigned val of 0 |
| 174 | 0 | Note: Not relevant to carbon, so assigned val of 0 |
| 175 | 0 | Note: Not relevant to carbon, so assigned val of 0 |
| 174 | 0 | Note: Not relevant to carbon, so assigned val of 0 |
| 184 | 0 | Note: Not relevant to carbon, so assigned val of 0 |
| 185 | 0 | Note: Not relevant to carbon, so assigned val of 0 |

# Attachment B

Carbon Stock Maps by Jurisdiction

# BAY AREA GREENPRINT

## American Canyon




### City Limits

- Boundary

### Aboveground Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

### Urban Forest Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## American Canyon


### City Limits

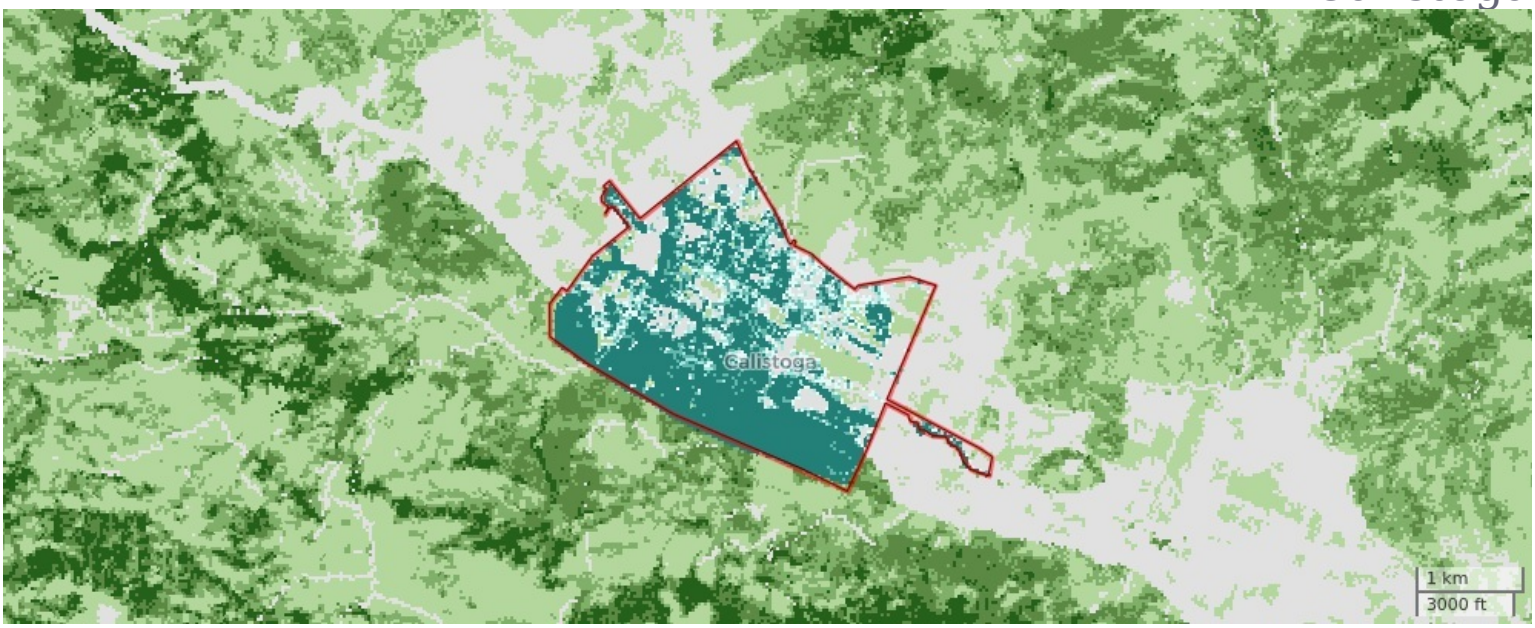
- Boundary

### Soil Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Calistoga




### City Limits

- Boundary

### Aboveground Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

### Urban Forest Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Calistoga


### City Limits

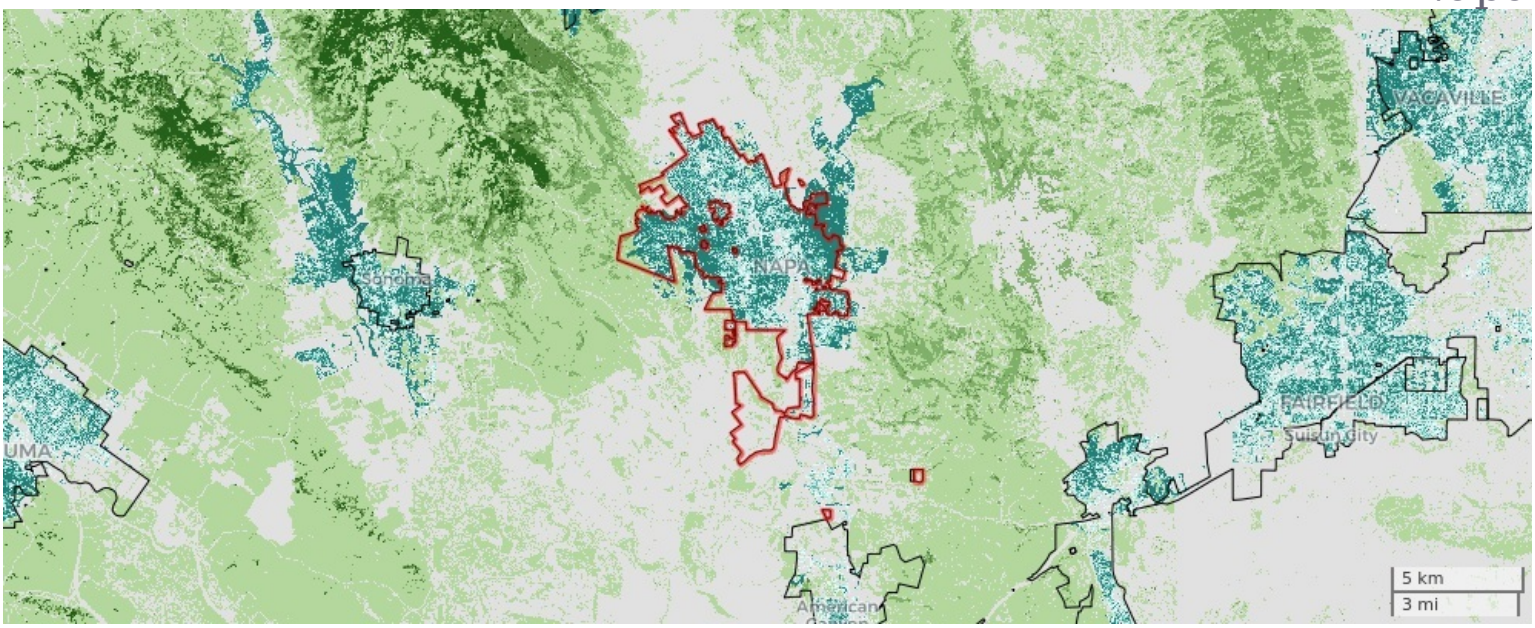
- Boundary

### Soil Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Napa




### City Limits

- Boundary

### Aboveground Carbon Storage

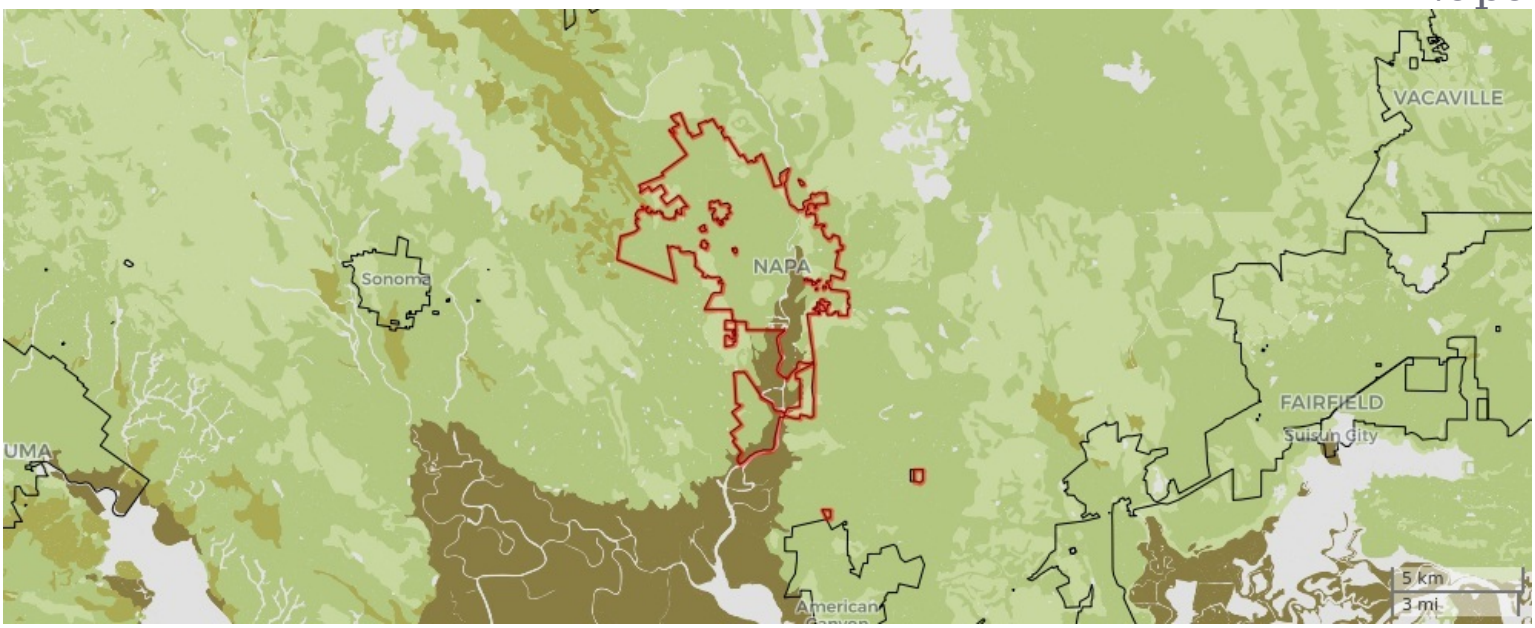
- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

### Urban Forest Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Napa




### City Limits

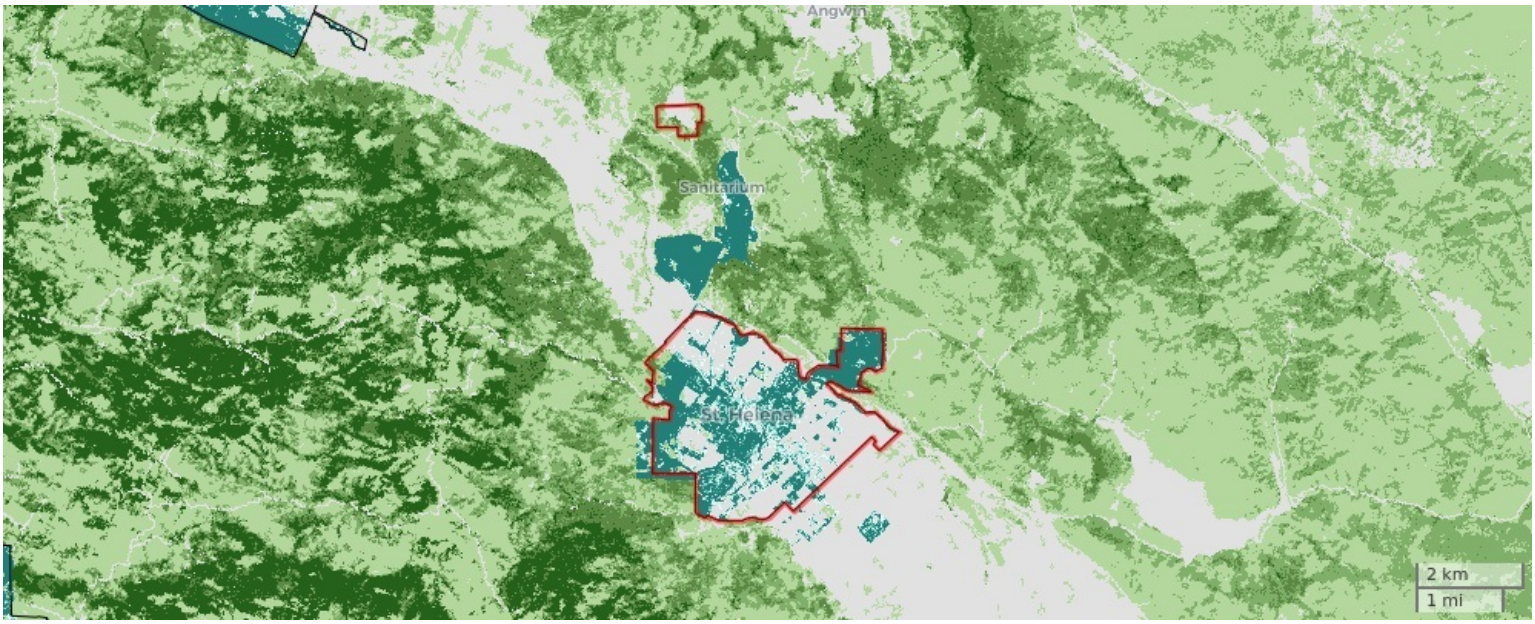
- Boundary

### Soil Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## St. Helena




### City Limits

- Boundary

### Aboveground Carbon Storage

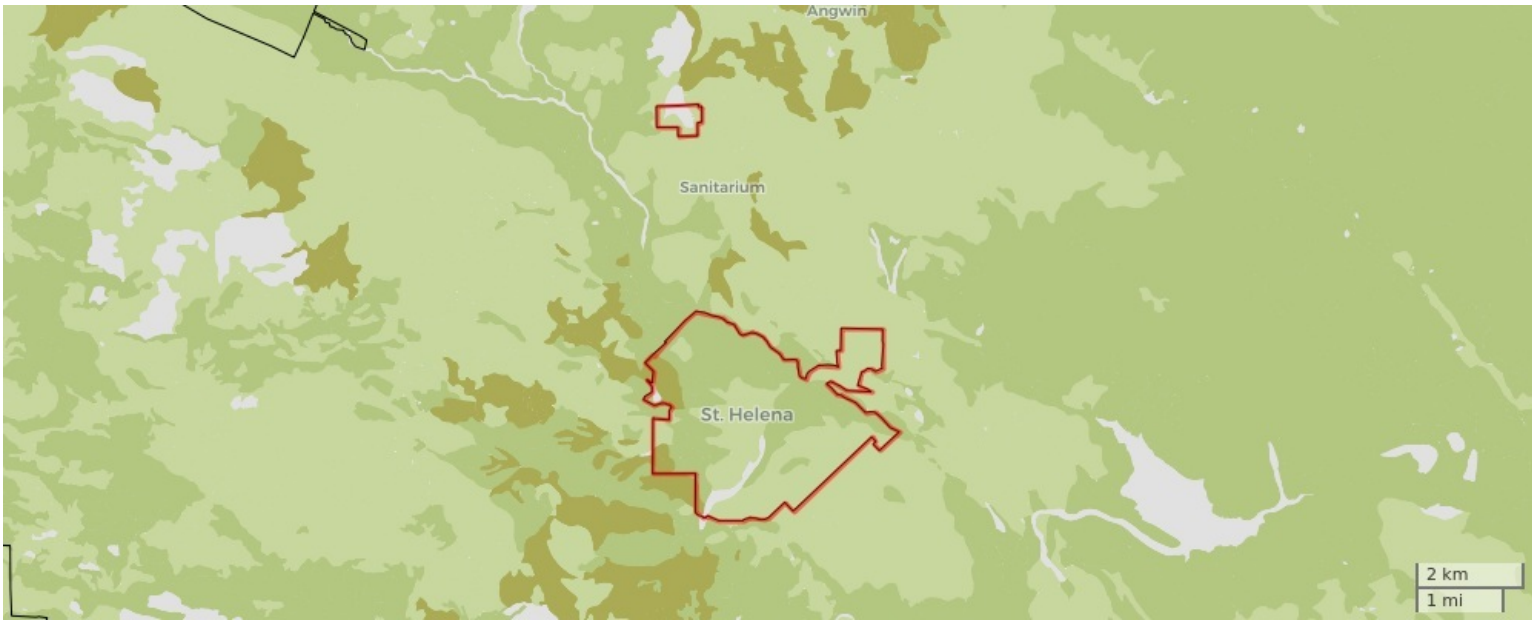
- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

### Urban Forest Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## St. Helena




### City Limits

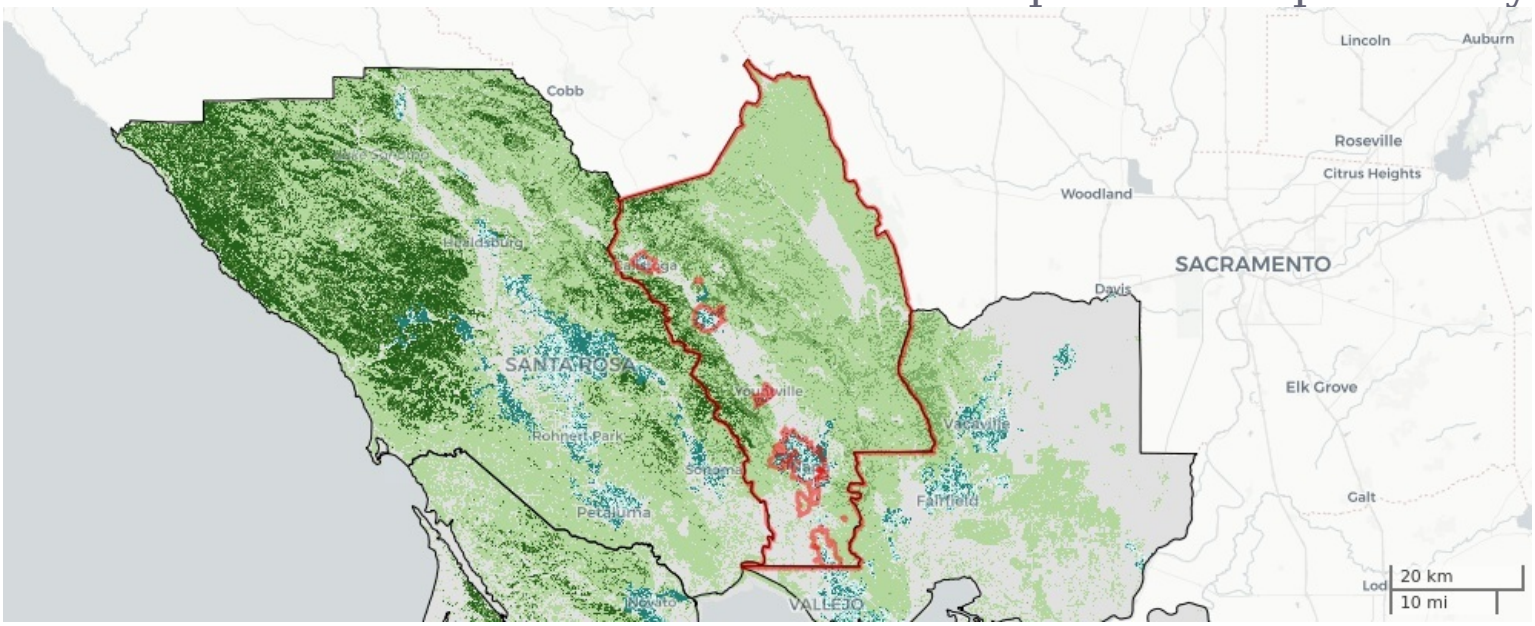
- Boundary

### Soil Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Unincorporated Napa County




### County Boundaries

- Boundary

### Aboveground Carbon Storage

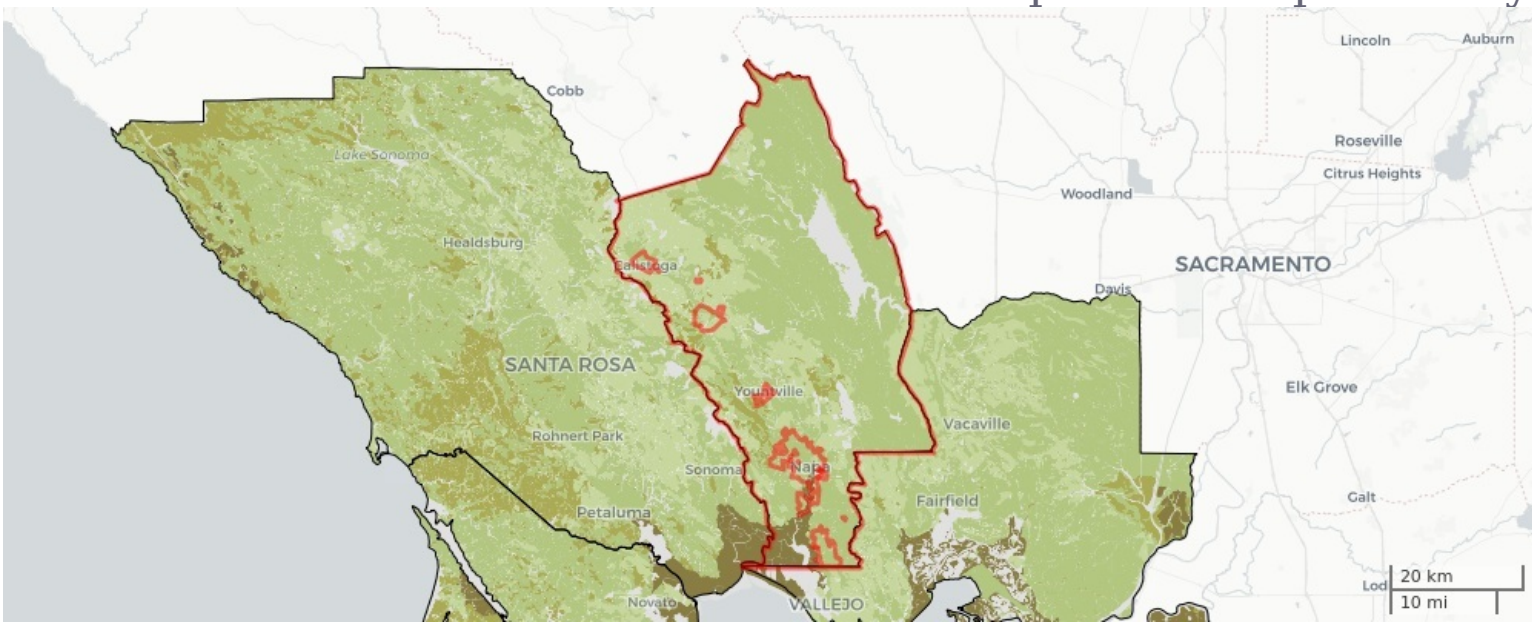
- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

### Urban Forest Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Unincorporated Napa County




### County Boundaries

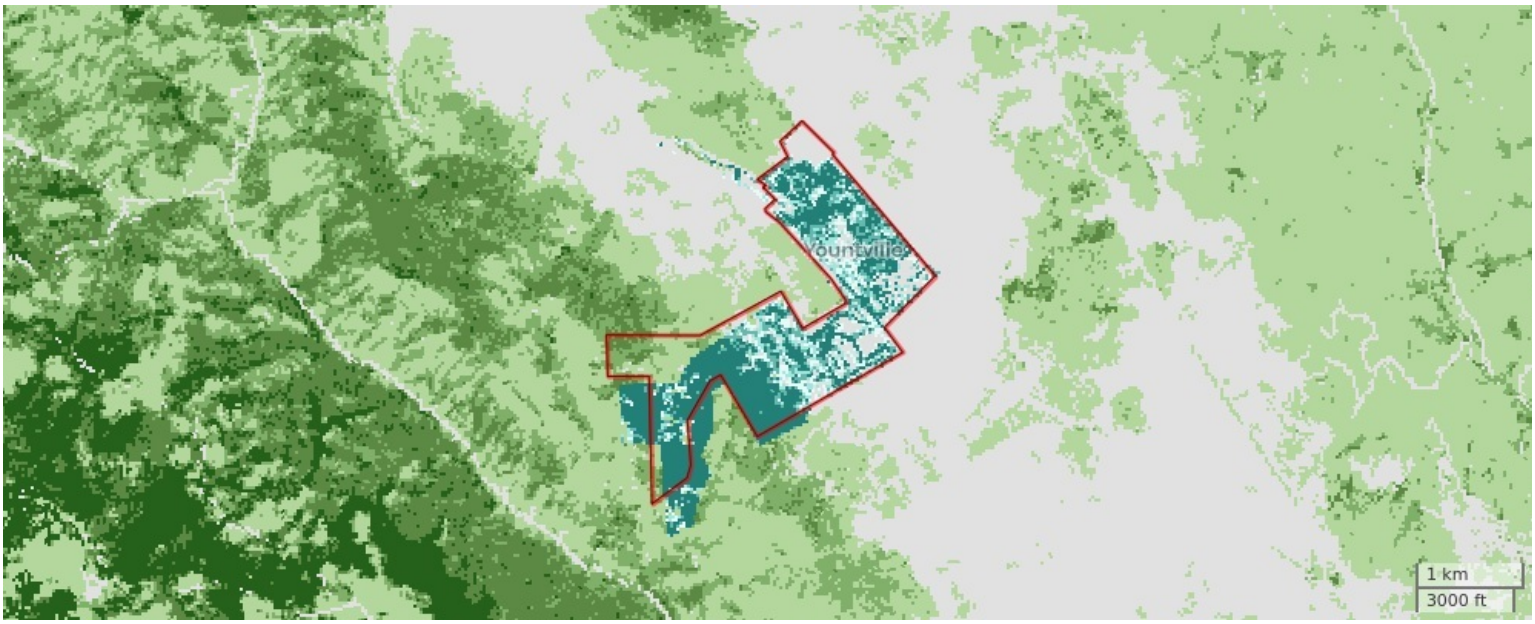
- Boundary

### Soil Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Yountville




### City Limits

- Boundary

### Aboveground Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

### Urban Forest Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare

# BAY AREA GREENPRINT

## Yountville


### City Limits

- Boundary

### Soil Carbon Storage

- 0 Metric tons CO2/hectare
- 0-25 Metric tons CO2/hectare
- 26-50 Metric tons CO2/hectare
- 51-100 Metric tons CO2/hectare
- More than 100 Metric tons CO2/hectare