



Director's Report to the Board of Forestry

California Natural Resources Agency  
715 P Street  
Sacramento, California



May 3-5, 2022

## Resource Management

### *Forest Practice Program*

#### **Watershed Protection Program Update**

- Staff is monitoring the remaining Forest Fire Prevention (FFP) Exemptions and is currently analyzing existing data for the upcoming report.
- Staff developed a new erosion curriculum for inclusion into Fire Suppression Repair training.
- Staff performed a focused evaluation of methods to best determine canopy closure and/or canopy cover for use in the evaluation of fuels-related Exemption Notices.
- Staff presented a talk on post-fire mitigation measures to the California Stormwater Quality Association.

#### **Timber Operator Licensing (LTO) and Forest Practice Enforcement Updates:**

The LTO Program in cooperation with the Veterans of Foreign Wars (VFW), Shasta College, the Sierra-Cascade Logging Conference, and CAL FIRE Northern Region conducted LTO training classes April 21-22, 2022, at the VFW Hall in Anderson.

The following tables summarize LTO and Enforcement Activities since the last report.

Table 1: LTO License Status

Table 2: Active Civil Penalties Case Status

Status	#	Status	# of Cases
New Applications Rec'd	30	Under Review	15
Renewal Applications Rec'd	25	Developed for Signature	9
New Licenses Issued	28	CPO Signed, Mailed, Served	6
Licenses Renewed	23	Hearing(s) to be Scheduled	5
Incomplete Applications Rec'd	11	Settlement Mitigation	7
Applications Returned	11	Payments	22
Refunds Issued	0	Probation	1
Insurance Certificates Rec'd	168	Judgement Needed	22
		Default/Final Order	12
<b>Total</b>	<b>296</b>	<b>Total</b>	<b>103</b>
<b>Total Active Licenses</b>	<b>1178</b>		

Table 3: Forest Practice Civil Penalty Collection

Case Status	# of Cases	Amount Collected	Total Amount Due
Adjudicated	26	\$109,200	\$398,800
Default	47	\$280,300	\$863,580
Paid per CPO	17	\$145,000	\$145,000
Settled	92	\$764,405	\$872,505
Totals	182	\$1,298,905	\$2,279,885

Forest Practice Enforcement Program penalty collection from January 1, 2016, to present. Adjudicated are cases that were decided by hearing. The difference in Amount Collected and Total Amount Due indicates respondent is making payments or a judgement is needed. Penalties collected are deposited in the State's General Fund per (PRC§4601.1(d)).

## **Resource Protection and Improvement Program**

### **Urban and Community Forestry**

- Legislation proposes expansion of the authorities/responsibilities in the Urban Forestry Act, including AB 2114 (the California Pocket Forest Initiative), AB 2251 (Urban Forestry: statewide strategic plan), and AB 2566 (Urban Forestry: school greening projects).
- Donation of approximately 250 large container trees (36" and 48" boxes) was facilitated from a donor in Northern California to recipients in San Jose, Santa Clara County, and the service area of the Sacramento Municipal Utility District. Trees of this box size are 3-4 inches in diameter and 10-20 feet tall. The estimated retail cost per tree for trees of this size is \$1,000 to \$1,200.

### **Demonstration State Forests**

#### ***Program***

- The Cow Creek and Bear River transaction, along with the Bear Yuba Land Trust transaction are both scheduled to be considered by the Public Works Board on June 10, 2022. If approved, escrow would close by the end of June.

#### ***Jackson***

- The Jackson Advisory Group will meet in the Caspar 500 area on May 2, 2022.
- The recreation program is finalizing the plan to improve recreational signage in the vicinity of the Mendocino Woodlands and Caspar Creek. Signs will be installed this summer.
- Campgrounds will open the third week of May for Memorial Day recreation.

## ***LaTour***

- On April 22, 2022, Forest Manager Jason Poburko met with Shasta College to discuss curriculum and timing for extended stay classes from the college to be held at LaTour potentially starting in Fall of 2023. Additionally, LDSF will be supporting the Fire Ecology Class with a field trip on April 28, 2022.
- No Class III timber sales are planned for 2022 due to the unprecedented salvage efforts occurring on fire affected private timber lands. Normal market demand for green timber will be a few years out.
- On April 26, 2022, Forest Manager Poburko was interviewed by Sacramento Communications as part of a Forester Job Classification recruitment video series.

## ***Mountain Home***

- Mountain Home has begun their 2022 planting efforts and hosted a reporter from the San Francisco Chronicle on April 26, 2022.
- 217,000 seedlings were delivered to Bear Creek Station on April 20, 2022. They were inventoried and sorted into two trailers.
- Forest Manager Jim Kral and LA Moran Nursery Manager James Scheid were interviewed about tree planting and nursery operations by reporters from the San Francisco Chronicle and Fresno Bee on April 26, 2022.

## **Forest Entomology and Pathology**

- Conifer mortality continues to intensify in the north coastal counties. New patches of ponderosa pine mortality (caused by western pine beetle) and expanding, coalescing patches of Douglas-fir mortality (caused primarily by flatheaded fir borer) are now expanding to the west into Sonoma and to the north into Humboldt Counties. This mortality is linked to drought conditions leading up to fall 2021.
- Staff will be conducting both a virtual and an in-person training on bark beetle and drought related mortality in Napa County at the request of county supervisors.
- Sudden oak death symptoms on tanoak and tanoak mortality are increasing in Sonoma and Mendocino Counties, most likely as a result of sustained precipitation events in November and December 2021. Areas where increasing symptoms have recently been observed include the coastal strip in both these counties as well as the Highway 128 corridor along the Navarro River.
- A fungus has been found in dying pines in the Santa Cruz area that appears very similar to black stain root disease but is a related fungus. Researchers do not believe it should be killing the trees. More samples will be taken, and tests done to confirm pathogenicity.

## **Prescribed Fire**

- The State Certified Prescribed Fire Burn Boss qualification program has had three classes completed for the initiation of task books for the certification. The first qualified Burn Boss was issued her certificate last month. The last course was April 23-27, 2022, in Petaluma. This program continues to help increase the pace and scale for prescribed fire in California. The class in Petaluma was visited by State Fire Marshal Mike Richwine and CAL FIRE's new Chief Deputy Director Chris Anthony as well as other CAL FIRE staff.
- An additional Cultural Burning Awareness Class for State Employees is going to be conducted at the Cache Creek Preserve on April 28, 2022. A future class in Orleans is tentatively planned for June and additional opportunities are being discussed with Tribal cultural burn collaboratives.

## **Vegetation Management Program**

- The California Vegetation Treatment Program Environmental Impact Report (CalVTP) continues to be used. Currently, CAL FIRE has 7 VTPs in the Northern Region and 4 VTPs in the Southern Region. There is a total of 25 VTPs listed on the Board of Forestry and Fire Protection website from all lead agencies. The Department has continued to assist with messaging about use of the CalVTP through trainings and conferences with other stakeholders.
- There are currently 87 Chaparral Management Plans (VMPs) that are open for CAL FIRE.

## **Wildfire Resilience Block Grants Program**

- The Wildfire Resilience Block Grant solicitation period has closed. All scoring of applications has been completed, and final decisions on awardees will be made by May 19, 2022.

## **Lewis A. Moran Reforestation Center (LAMRC)**

- Most of the 2021-22 season seedlings have been distributed to customers with over 90,000 (mainly giant Sequoias and Ponderosa pines) having just been claimed by Mountain Home Demonstration State Forest.
- 80,000 seedlings (mainly redwood and Sequoia) will be sown during the first week of May concluding our on-site sowing operations for the year.
- A grant award with American Forests was recently executed for \$1M to create a statewide reforestation network and to create a cone corps comprised of individuals involved in cone surveying and collection.

- Collaborative cone surveyor trainings will be hosted with the USFS in Los Angeles (May 17, 2022), Fresno (June 1, 2022), and Chico (June 8, 2022). It will be open to internal staff and all cooperators.

### **California Forest Improvement Program (CFIP)**

- The CFIP program continues to offer funding selections every 2 months, with approximately \$1 to \$2 million being made available for contracts with landowners. The next funding cycle ended on April 30, 2022, with selections to be announced within 2 weeks of the closing.

### **Forest Legacy Program (FLP)**

- The Forest Legacy program continues to work on completing approximately 14 open projects.

## ***Climate and Energy Program***

### **Wildfire and Forest Resilience Task Force**

- The Task Force Monitoring, Reporting, and Assessment Work Group hosted a workshop on April 21, 2022, to review the draft framework for the [Forest & Wildland Stewardship Interagency Tracking System](#). The Tracking System serves Actions 4.3 and 4.8 of the [Wildfire and Forest Resilience Action Plan](#) and is intended to provide transparency and accountability for state and federal land management efforts toward stated acreage targets, and provide data that can be used for planning, assessment, and science. The workshop was recorded and can be accessed on the Task Force [website](#).
- On May 5, 2022, the Task Force will host its first hybrid meeting, with an in-person event in Santa Rosa and a webinar option. The agenda will focus on implementation of the Task Force goals at the regional level, including a presentation by the North Coast Resource Partnership and panel discussions of regional, state, and federal leaders. On May 6, 2022, there will be optional site visits to demonstration projects.

### **Forest Health Program**

- Fiscal Year 21-22 Forest Health grant solicitation awards will be announced in early May. Up to \$110 million will be awarded.
- All Forest Health projects from 2017 to present are currently being entered into CAL FIRE's CalMAPPER program.
- Forest Health Program held a meeting with the CA Air Resources Board (CARB) in early March to discuss use of CARB's California Climate Investment program co-benefits assessment methodologies. FH Program is working with CARB to use the existing co-benefit assessment methodologies to properly claim important co-benefits to share with the public, to help illustrate all impacts of Forest Health projects in California.

## **Wood Products & Bioenergy Program**

- Program received over 50 grant applications in our first solicitation for workforce and business development projects, \$60 million was requested and \$24 million is available.
- Met with the East Bay Regional Park District to discuss a 1,200-acre wildfire hazard reduction and biomass processing and utilization project.
- Hosted a quarterly call on April 26, 2022, for California agencies that are supporting forest biomass business development.

## ***Fire and Resource Assessment Program (FRAP)***

- Draft Fire Hazard Severity Zone maps are currently under review for the four pilot counties (Butte, Tuolumne, Sonoma, and Riverside). The maps are receiving review from the local CAL FIRE units for each pilot county. The maps are also undergoing scientific peer review on data inputs and methodology from a panel of 10 fire scientists. Feedback will be incorporated into the statewide FHSZ map after the review period ends on May 20, 2022.
- Fire effects sampling is underway in advance of the watershed-scale prescribed fire operations at Calaveras Big Trees State Park: South Grove Natural Preserve. Ignitions are tentatively scheduled for the week of May 9, 2022. Joe Restaino (FRAP) is leading the pre and post burn monitoring effort. The goal is to burn 1,300 acres.
- Update on the 2022 Forest Inventory Analysis (FIA) field season:
  - CAL FIRE contractor, Integrated Resources Inventories, Inc., continues data collection across 7 FIA regional areas within California utilizing 5 crews.
  - USFS led certification review was presented to the contracting company's field staff on March 7, 2022.
  - Field work for the 2022 field season commenced on March 14, 2022.
  - To date 11 of the 337 plots have been completed. Completion of these plots will catch up the FIA program for 2020 and 2021 data collection that was delayed due to impacts from Covid-19 and extensive wildfires.
  - The agreement with the US Forest Service was extended to March 31, 2023, to continue support of the FIA intensification.

## **Fire Protection**

### ***Cooperative Fire Protection***

#### ***Cooperative Fire Programs***

#### **Conservation Camp Program**

- The current statewide strength of Type I Hand Crews is 46 California Department of Corrections and Rehabilitation (CDCR) crews staffed out of a total of 152 funded, and 16 California Conservation Corps (CCC) Crews staffed out of 29 total allocated. There are an additional 7 Crews that are staffed but unavailable for statewide response: 1 CDCR Crew with a crew strength of less than 12, and 6 CCC Crews that are lacking Corpsmembers and are not Type I. That leaves CAL FIRE with a total of 62 Type I Hand Crews available for statewide response out of 181 CDCR and CCC funded crews.
- The current CDCR inmate crew strength is 671 inmates out of the allocated 2584, leaving the Conservation Camp Program with a shortage of 1913 inmates. The total CDCR Camp population is at 39% with a crew capacity of 26%.

#### **Hand Crew Program**

- 11 out of 13 California National Guard Crews are Type I and available for statewide response. Two of the crews have dropped to less than 12 service members due to CAL FIRE Firefighter Crew hiring. A large training is planned for late May to fill behind CAL FIRE's hiring. Over the last three years, 66 Cal Guard Service Members have accepted Firefighter positions with CAL FIRE.
- Up to this point, the California National Guard crews have been funded out of Title 32 funding. This funding source has been approved until June 30, 2022, and continues to cover 100% of the Department's costs to staff the crews.
- 16 of the 16 funded CAL FIRE Firefighter Crews are staffed and preparing for certification.
- 16 additional CAL FIRE Firefighter Crews funded through the Spring Augmentation are in the hiring and training process.
- CAL FIRE hosted a meeting to discuss and finalize the 5 Year Reciprocal Fire Protection Cooperative Agreement for State of California Military Department Assets with OES, USFS, BLM, NPS and CAL FIRE. Additionally, BIA has agreed to enter the agreement. The final draft will be submitted for signature early next month.

## **Local Government Program**

- Oroville Agreement Status: Butte County LAFCO has executed a resolution of approval for the Full-Service agreement with the City of Oroville. The next SPB Board meeting is May 5, 2022.

## **State and Federal Programs**

- The CAL FIRE/CAL EMSA CAL MAT agreement for deployment to CAL FIRE incidents is being updated. CAL MAT serves under the Medical Unit Leader with medical care and evaluation for First Responders.
- CAL FIRE/Portugal AGIF sub-MOU has been signed and we will be working with our SME's to further the objectives on our collaborative effort.
- CFAA updates continue with the annual rate letter to be published May 1, 2022, and all amendments to the existing agreement to be published in June. Aviation resources, bulldozers, and hand crews from the Local Government perspective have been added in. These rates have been negotiated but not yet established.

## **Safety/EMS Program**

- The EMS Program has been working with OSFM to teach SFM personnel in CPR and basic first aid. All southern based SFM personnel are complete. Sacramento personnel will be completed by mid-May.
- A big thank you to Chief Mecham and the San Diego Unit for their continued support of the EMS Program. They have hosted all the EMS Program staff on ride-a-longs on the two Ramona ambulances. These ride-a-longs began before Covid with the last two employees finishing earlier in the month. This allowed staff to get first-hand experience in electronic patient care reports (ePCR) use, issues with ambulance patient offload time (APOT), and many other takeaways. The station personnel deserve a ton of credit for making this a positive endeavor and experience. We will be looking to continue this in other locations moving forward.
- The Safety Program continues to prepare for the impacts to CAL FIRE from AB 2146, Cal/OSHA's adoption of National Fire Protection Association (NFPA) elements related to PPE selection, care, and maintenance. OSHA will begin meetings in June that will update this standard to the current NFPA codes. They have also scheduled a May meeting using a technical committee to draft a respiratory protection standard for wildland/wildland urban interface (WUI) fires. The Safety Program will be represented in these meetings as a stakeholder.
- Eight policies that outline the accident review process including Serious Accident Review Teams (SART) have received final approval.



## **Training Program**

- Statewide Training Committee Ad Hoc Working Group proposals to new curriculum and Training Policy and Procedures have been presented to Unit Chiefs, 2-Star and 3-Star Committees and CAL FIRE Local 2881. These proposals continue to move forward with planned implementation of proposals by May 1, 2022.
- Monday, May 9 starts the Regions and Training Center plan to staff and deliver surge Academies including three additional Company Officer Academies and four additional Firefighter Academies at the Training Center. This training will add a potential 144 additional Company Officers and 48 additional Firefighter II's to the field.

## ***Fire Protection Operations***

### **Intel**

- The Next Generation SCOUT software IT company has been announced as NGA911 powered by Intterra. As the principal agencies for SCOUT, staff from CAL FIRE and Cal OES are updating the SCOUT Charter and generating an updated contract.
- A report has been generated showing the benefits of the National Guard's FIREGUARD Spot Reports, which provides polygons of the fire effect area, on improving the fire modeling capabilities within Technosylva's Wildfire Analyst software solution.

### **Command and Control**

- The Hired Equipment Program is continuing to sign up new suppliers for the 2022 fire season. More than 400 new pieces of equipment and close to 200 new vendors statewide have been added into the Hired Equipment Management System.
- CAL FIRE and Contract County Emergency Command Centers have completed their yearly training in the Interagency Resource Ordering Capability (IROC) system. IROC is utilized nationally for resource ordering and tracking between fire agencies. This training provides Emergency Command Center and support staff an opportunity to practice creating and processing orders that they will experience and utilize during wildland fire and all hazard incidents. Nearly 400 employees have completed this training over the past two weeks.

### **Operations Support**

- CAL FIRE staff attended the National Wildfire Coordination Group (NWCG) Data Management Committee spring meeting. This committee's objective is to develop and support national interagency standards and practices for data management. This group discussed items of importance related to data standardization, data structure and data interoperability.

- CAL FIRE's Automatic Vehicle Location (AVL) program is working with CAL FIRE's Aviation Management Unit and Tactical Air Operations to test mobile data terminals (MDTs) in five of CAL FIRE's tactical aircraft. The objective of this test is to determine connectivity options and determine what application changes are required for use of this solution in CAL FIRE's tactical aircraft.

### **Law Enforcement/Civil Cost Recovery**

- During the month of March 2022, CAL FIRE Law Enforcement officers made 22 arrests and issued 23 citations (non-4291).
- CAL FIRE Civil Cost Recovery has received \$9,051,370.59 in recovered fire suppression costs for the month.
- This month, the CAL FIRE Humboldt – Del Norte Unit Emergency Command Center (ECC) had received multiple reports of vegetation fires near the end of Highway 169 East on the Yurok Reservation. Several fires occurred at the Jack Norton Elementary School, with one directly behind the classroom and another near a propane tank. Over the course of several incidents, some of which involved multiple fires at a time, a person of interest was identified. On March 10, 2022, CAL FIRE Law Enforcement, assisted by Yurok Tribal Police, contacted a subject who lived in the area of the fires. It was determined that subject unlawfully caused multiple vegetation fires in the area in recent weeks. A CAL FIRE peace officer arrested the subject for six counts of arson.
- On Saturday, March 19, 2022, at approximately 8:10 PM, CAL FIRE TCU responded to a commercial structure fire near Sonora. A CAL FIRE peace officer arrived and observed a fully involved church. During the course of the investigation, a suspect was identified on surveillance video as being armed with a handgun, forcing entry into the church, and observed near the origin of the fire. Later during the incident, fire units still at scene requested a law enforcement response back to the incident for a subject acting erratically. Tuolumne County Sheriff Office (TCSO) deputies and CAL FIRE officers arrived back at the incident, detained the subject, and confirmed the subject matched the description of the suspect identified on surveillance video. A handgun style BB gun was removed from the suspect, along with cigarette lighters and other miscellaneous items. During an interview, the suspect admitted to starting the fire. CAL FIRE officers arrested the suspect for arson to a structure and burglary.

### **Aviation Management Unit (AMU)/ Tactical Air Operations (TAO)**

- C-130H RDS AMU will be sending representatives to participate in the Test Plan Working Group (TPWG) and Critical Design Review (CDR) meeting June 6–9, 2022, at Lockheed Martin Service Center, Greenville, SC. The first C-130H RDS completion is estimated for 2<sup>nd</sup> QTR. of 2023.

- AMU continues its efforts with CAL FIRE Executive, DGS and United Rotorcraft on contract related issues associated with the S70i helicopter procurement. CAL FIRE remains hopeful that a successful agreement can be reached by all parties and the current contract restrictions can be removed.
- AMU has continued to meet the early activation request for aerial assets by both Regions. Recent weather conditions in the North will require additional assets to be available on as need basis until May 23, 2022.
- AMU is working with CAL FIRE BSO to ensure contracts are in place with Exclusive Use aircraft contractors prior to an increase in the 2022 fire season activity level.
- AMU met with a contingency for the Portuguese Air Force on April 27, 2022, to discuss our aviation program and tactical operations. The contingent has been tasked with organizing what exists and then creating a governmental aerial firefighting operation.
- All California Military Department (CMD) aviation flight facilities have received annual training and completed their readiness drills. CMD can support 5 helicopters this summer performing water dropping and medivac missions and additional National Guard helicopters can be accessed from out of state through the EMAC process if necessary. A total of eight Module Airborne Firefighting System (MAFFS) airtankers from 4 National Guard air wings have also completing their annual training and readiness drills.
- CAL FIRE has purchased aerial ignition Unmanned Aircraft System (UAS) in support of prescribed fire and wildland fire suppression goals and is in the process of providing personnel advanced interagency training to operate these systems.
- CAL FIRE HAWK night aerial suppression training continues to progress in support of implementing operations this summer.
- All Helitack Bases, southern Air Attack Bases and McClellan Air Tanker Base are staffed and operational.

### **Mobile Equipment Program**

- Nothing To Report

# **Office of the State Fire Marshal**

## ***Community Wildfire Preparedness and Mitigation Division***

- Daniel Berlant was announced as the Deputy Director of the Community Wildfire Preparedness and Mitigation Division as mandated by Assembly Bill (AB) 9 (Wood, 2021).
- The first State Fire Marshal's Wildfire Mitigation Advisory Committee, as mandated by AB 9, was held on Tuesday, April 19, 2022. The Committee provides a means of communication between the CAL FIRE-Office of the State Fire Marshal, representatives of industry, state agencies, the fire service, and other stakeholders. The Committee provides a forum for addressing wildfire preparedness and mitigation issues of statewide concern, share best practices, seek comments and specific input on programs and technical issues, and inform local agencies and the public of applicable new laws and regulations. Visit the [State Fire Marshal's Wildfire Mitigation Advisory Committee](#) page for more information.

## **Land Use Planning**

- Land Use Planning/Safety Elements:
  - Still numerous Safety Element Assessments moving forward statewide, but no presentations this month.
  - Working on filling some staffing vacancies in Sacramento.
- Fire Safe Regulations:
  - Look forward to the draft being discussed today.
- Subdivision Review:
  - Numerous Cities and Counties in progress now, recent activity in Placer County will be presented in the coming months.
- Firewise USA:
  - 513 communities in good standing, more than 250 in progress.
  - Staff are fielding lots of inquiries statewide.
- Staff are engaged in numerous other ongoing activities including: OSFM Statutes and Regulations Class, OPR Best Practices Inventory, Training for Local Planners and FHSZ.

## **Wildfire Prevention Grants**

- The Wildfire Prevention Grants open solicitation for grant applications closed on February 9, 2022. The Department received 240 applications for nearly \$241.5 million, with up to \$120 million in available funding. Applications are still in the review process with award announcement anticipated for early June 2022. Visit the [CAL FIRE - Wildfire Prevention Grants](#) page for more information.

## **Pre-Fire Planning**

- Validation-workshops of 4-pilot counties has started for draft Fire Hazard Severity Zone mapping and will be completed by mid-May.
- Programs reporting into the CalMAPPER database will undergo scheduled “Quality Assurance/Quality Control” review as part of routine data-scrubbing activities.
- Work continues on the development of a mobile application for collecting fuels reduction project activities.
- ADA training conducted for Units & Contract Counties for annual updates to Fire Plans.

## **California Incident Data and Statistics**

- Department staff are starting the 2021 wildfire data validation process. Once complete, CalStats staff will complete the 2021 Redbook. Although it contains other information, this report is primarily a statistical record of wildfire incidents responded to by CAL FIRE personnel and resources, performing the State/CAL FIRE mission, using State funding within CAL FIRE’s Direct Protection Area.

## **Wildfire Preparedness**

- Defensible Space:
  - 2022 to-date we’ve completed approximately 47,000 inspections.
  - Delivery of a statewide defensible space curriculum has begun and is being taught in San Luis Obispo County, San Diego County, and Shasta County. This is a major milestone in completing the curriculum development required by SB 190 and will reach nearly 115 inspectors in Spring of 2022. State Fire Training Staff continues to move toward adapting this curriculum for local fire agencies and other qualified entities as defined by SB 63.
  - AB 38 allocated additional staffing for year-round defensible space inspection activities. 15 of the 21 permanent Forestry Technicians have been hired throughout the State (9 in CSR and 6 in CNR). We are seeking approval of 31 additional Forestry Technicians, of which 5 would be permanent and 26 would be limited term until permanent funding can be secured.
  - Work continues on the statewide data collection platform and is being developed so local jurisdictions can submit their defensible space data.

- The Calistoga Firesafe Council has completed defensible space clearance around 142 homes in the Berryessa Estates Subdivision using grant funds allocated to the California Firesafe Council from CAL FIRE. Over 5 tennis courts worth of highly combustible Rosemary and Juniper were removed from within 30' of those homes along with 3 football fields worth of native brush, pine trees, Scrub Oak Trees, Eucalyptus, and other non-native species. All combined, enough material to fill 300 (20 yard) dump trucks to the top.
- Home Hardening:
  - Work continues with Cal OES to develop the foundation for the California Wildfire Mitigation Financial Assistance Program (Home Hardening) that encourages cost-effective structure hardening/retrofitting and facilitates vegetation management (D-Space and neighborhood/community fuel reduction/modification).
    - A comprehensive list of retrofits has been established.
    - Application to evaluate each property for retrofits and defensible space has been completed.
    - Training program has been developed for home assessors to complete the evaluations and training has been conducted in San Diego and Shasta Counties.
    - Another training is in the works for Lake County as we approach the beginning of their project
    - Joint Powers Authority Agreement signed and in place.
      - Three pilot communities selected.
        - Dulzura in San Diego County, Whitmore in Shasta County, and Kelseyville in Lake County
        - San Diego County and the Shasta County Fire Safe Council have submitted for FEMA Hazard Mitigation funding (HMGP) with State match, and North Coast Opportunities in Lake County are completing their HMGP application.
        - San Diego County -14 homeowner applications for Dulzura.
        - Shasta County Fire Safe Council- 35 homeowner applications for Whitmore.
        - Home assessments are occurring in both communities as well as environmental clearance procedures.

- Lake County-North Coast Opportunities received Advance Assistance Award Notification.
- Assessor training in Lake County to be conducted in May.
  - On track to start retrofitting and completing defensible space work by early summer.
  - Environmental review process has been approved by FEMA.
- Damage Inspection:
  - One single family residence destroyed and one damaged so far in 2022.
  - 5 DINS classes and 1 DINM course are scheduled to be taught before end of the fiscal year.
- Burn Permits:
  - Staff continue working on automating all Department burn permits. Collaboration with CAL FIRE Unit staff and California Air Resources Board (CARB) will ensure the process will function as designed and be able to share prescribed fire data with CARB. The goal is to increase the ease with which the public can obtain a burn permit (online), streamline the process, create an electronic geospatial database, and allow for better reporting and to meet the requirement for AB 642. We anticipate a trial release in late May 2022.

## **Utility Wildfire Mitigation**

- Continue to assist the Office of Energy Infrastructure Safety (OEIS) in the review of the wildfire mitigation plans for the three large Investor-Owned Utilities (PG&E, SDG&E, SCE). The CAL FIRE review team consists of subject matters experts from across the department (Forest Practice, Fire Protection, Intel, Climate & Energy, and FRAP).
- Remaining Small Multi-Jurisdictional Utilities (Bear Valley, Liberty, Pacificorp) and Independent Transmission Operators (Horizon West and Transbay Cable) wildfire mitigation plan reviews will begin on May 6, 2022.
- Began Cross-training DSI inspectors on PRC4292 (pole clearances) and PRC4293 (conductor clearances) regulations during the statewide defensible space training. This includes utilizing the Field Maps application for field collecting violations and exporting violations onto LE-38a forms.
- Finalized the update to the Powerline Equipment Identification Pocket Guide in coordination with IOU's, which is a ready-reference tool for identifying power line equipment in the field and is a companion to the Full Powerline Fire Prevention Field Guide.
- Participating as a planner and observer of all six of the Investor-Owned Utilities table-top and full-scale PSPS exercises in preparation for 2022 PSPS season.

**CALENDAR YEAR 2022**  
**TIMBER HARVESTING INFORMATION THROUGH April 21, 2022**

Note: This information is for Timber Harvesting Plans and Nonindustrial Timber Management Plans submitted to the Department during a calendar year. The numbers are the cumulative totals for the calendar year as of the specific date

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
THPs Received	47	52	19	12	0	3	6	3	72	70
THPs Returned	14	20	7	3	0	1	3	2	24	26
THPs Pre-Harvest Inspections	45	39	4	7	0	1	3	2	52	49
THPs with NON-Concurrence	0	0	0	0	0	0	0	0	0	0
THPs Denied	0	0	0	0	0	0	0	0	0	0
THPs Approved	31	23	12	10	0	1	4	5	47	39
THP Approved Acres	9,406	7,634	9,550	6,639	0	15	2,222	929	21,178	15,217

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
NTMPs Received	2	2	1	1	0	0	0	1	3	4
NTMPs Returned	1	1	1	0	0	0	0	1	2	2
NTMPs Pre-Harvest Inspections	3	0	1	0	0	0	0	0	4	0
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	3	0	0	1	0	0	0	0	3	1
NTMP Approved Acres	238	0	0	617	0	0	0	0	238	617
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTOs Received	5	5	4	1	0	0	0	0	9	6

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
WFMPs Received	0	0	0	0	0	0	0	0	0	0
WFMPs Returned	0	0	0	0	0	0	0	0	0	0
WFMPs Pre-Harvest Inspections	0	0	0	0	0	0	0	0	0	0
WFMPs with NON-Concurrence	0	0	0	0	0	0	0	0	0	0
WFMPs Denied	0	0	0	0	0	0	0	0	0	0
WFMPs Approved	0	0	0	0	0	0	0	0	0	0
WFMPs Approved Acres	0	0	0	0	0	0	0	0	0	0



**CALENDAR YEAR 2022  
TIMBER HARVESTING INFORMATION THROUGH April 21, 2022**

Note: This information is for Timber Harvesting Plans and Nonindustrial Timber Management Plans submitted to the Department during a calendar year. The numbers are the cumulative totals for the calendar year as of the specific date



The State of California and the Department of Forestry and Fire Protection make no representations or warranties regarding the accuracy of data or maps. Neither the State nor the Department shall be liable under any circumstances for any direct, special, incidental, or consequential damages with respect to any claim by any user or third party on account of or arising from the use of data or maps.

Acres represent those reported on the Notice as accepted by the Department and may not reflect actual operations on the ground.

Data Source: CalTREES

California Forest Practice Rules - Exemptions and Emergency Notices  
Accepted by the Department of Forestry and Fire Protection through April 21, 2022

Rule	Type of Exemption	Admin Area	2021		2022	
			Number of Plans	Acres	Number of Plans	Acres
1038(b) (03/2019)	10 Percent Dead, Dying Diseased, Fuelwood, or Woody Debris v2019	Cascade (Redding)	108	915,411	79	442,265
		Coast (Santa Rosa)	11	7,871	19	3,593
		Riverside (South)	1	4	1	240
		Sierra (Fresno)	16	31,052	11	52,848
		<b>Totals</b>	<b>136</b>	<b>954,338</b>	<b>110</b>	<b>498,946</b>
1038(a)&(b)	10% Dead, Dying or Diseased Fuelwood or Split Products	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038.6 (03/2019)	Butte Post Fire Recovery	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038(a) (03/2019)	Christmas Trees	Cascade (Redding)	4	159,446	4	159,839
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	1	14	1	14
		<b>Totals</b>	<b>5</b>	<b>159,460</b>	<b>5</b>	<b>159,853</b>
1038(k)	Drought Mortality	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Drought Mortality and Unmerchantable Sawlog v2019	Cascade (Redding)	3	688	24	9,444
		Coast (Santa Rosa)	1	7	2	791
		Riverside (South)				
		Sierra (Fresno)	27	1,747	8	57
		<b>Totals</b>	<b>31</b>	<b>2,442</b>	<b>34</b>	<b>10,292</b>
1038(j)	Forest Fire Prevention PILOT Project	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038(i)	Forest Fire Prevention Project	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

California Forest Practice Rules - Exemptions and Emergency Notices  
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Rule	Type of Exemption	Admin Area	2021		2022	
			Number of Plans	Acres	Number of Plans	Acres
1038.3 (03/2019)	Forest Fire Prevention v2019	Cascade (Redding)	6	665	5	234
		Coast (Santa Rosa)	6	299	14	683
		Riverside (South)	1	267	1	267
		Sierra (Fresno)	2	98		
		<b>Totals</b>	<b>15</b>	<b>1,329</b>	<b>20</b>	<b>1,184</b>
1104.1(a)	Less than 3 Acre Conversion	Cascade (Redding)	72	124	35	50
		Coast (Santa Rosa)	11	27	21	45
		Riverside (South)			1	0
		Sierra (Fresno)	11	13	8	6
		<b>Totals</b>	<b>94</b>	<b>164</b>	<b>65</b>	<b>101</b>
1038(l)	Oak Woodland Management (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038(e) (03/2019)	Oak Woodland Management v2019	Cascade (Redding)				
		Coast (Santa Rosa)	1	3	6	93
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>93</b>
1038(m)	Post Fire Recovery (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038.5 (03/2019)	Post Fire Recovery v2019	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	Post Fire Recovery v2020	Cascade (Redding)	12	114	10	10
		Coast (Santa Rosa)	10	117	5	2
		Riverside (South)				
		Sierra (Fresno)	7	21	9	34
		<b>Totals</b>	<b>29</b>	<b>252</b>	<b>24</b>	<b>46</b>
1104.1(b)&(c)	Public / Private Utility Right-of-Way	Cascade (Redding)	17	263,351	14	931,707
		Coast (Santa Rosa)	21	8,162	12	1,588
		Riverside (South)				
		Sierra (Fresno)	11	10,165	15	16,052
		<b>Totals</b>	<b>49</b>	<b>281,678</b>	<b>41</b>	<b>949,347</b>

California Forest Practice Rules - Exemptions and Emergency Notices  
Accepted by the Department of Forestry and Fire Protection through April 21, 2022

Rule	Type of Exemption	Admin Area	2021		2022	
			Number of Plans	Acres	Number of Plans	Acres
1038(f) (03/2019)	Small Timberland Owner	Cascade (Redding)			2	69
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>69</b>
1038(c)	Structure Protection (0 to 150 feet)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038(c) (03/2019)	Structure Protection (0 to 150 feet) v2019	Cascade (Redding)	69	339	32	132
		Coast (Santa Rosa)	49	150	51	246
		Riverside (South)				
		Sierra (Fresno)	23	84	2	3
		<b>Totals</b>	<b>141</b>	<b>573</b>	<b>85</b>	<b>381</b>
1038(c)(6)	Structure Protection (150 to 300 feet) Includes exemptions previously submitted with both 0-150ft and 150-300ft options	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038(c)(6) (03/2019)	Structure Protection (150 to 300 feet) v2019	Cascade (Redding)	3	8	3	13
		Coast (Santa Rosa)	17	74	18	77
		Riverside (South)				
		Sierra (Fresno)	1	0		
		<b>Totals</b>	<b>21</b>	<b>82</b>	<b>21</b>	<b>90</b>
1038(d)	Substantially Damaged Unmerchantable Sawlog	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038(g)	Woody Debris and Slash Removal	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>All Exemptions</b>	<b>Grand Total</b>	<b>522</b>	<b>1,400,321</b>	<b>413</b>	<b>1,620,402</b>

Type of 1052 Emergency Notice		2021		2022						
		Admin Area	Number of Plans	Acres	Number of Plans	Acres				
Notice of Emergency Timber Operations		Cascade (Redding)	71	9,726	60	18,121				
		Coast (Santa Rosa)	70	6,366	14	1,272				
		Riverside (South)								
		Sierra (Fresno)	9	624	15	3,145				
		<b>Totals</b>	<b>150</b>	<b>16,716</b>	<b>89</b>	<b>22,538</b>				
<u>Emergency Conditions</u> More than one condition can be selected per Notice of Emergency Timber Operations - acreage may be reflected multiple times  *Others may include multiple emergency conditions		Drought		Cascade (Redding)	1	1,673	4	712		
				Coast (Santa Rosa)						
				Riverside (South)						
				Sierra (Fresno)	1	64				
				<b>Totals</b>	<b>2</b>	<b>1,737</b>	<b>4</b>	<b>712</b>		
				Fire		Cascade (Redding)	69	8,811	55	17,316
						Coast (Santa Rosa)	68	5,891	14	1,272
						Riverside (South)				
						Sierra (Fresno)	6	555	13	2,578
						<b>Totals</b>	<b>143</b>	<b>15,257</b>	<b>82</b>	<b>21,166</b>
				Insects		Cascade (Redding)	3	680	9	2,487
						Coast (Santa Rosa)			1	144
						Riverside (South)				
						Sierra (Fresno)	2	66	3	1,544
						<b>Totals</b>	<b>5</b>	<b>746</b>	<b>13</b>	<b>4,175</b>
				*Others		Cascade (Redding)	81	20,796	75	27,152
				Coast (Santa Rosa)	1	19	14	1,216		
				Riverside (South)						
				Sierra (Fresno)	5	196	3	174		
				<b>Totals</b>	<b>87</b>	<b>21,011</b>	<b>92</b>	<b>28,542</b>		
Fuel Hazard Reduction (RM65)		Cascade (Redding)	2	235	3	291				
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)								
		<b>Totals</b>	<b>2</b>	<b>235</b>	<b>3</b>	<b>291</b>				
Fuel Hazard Reduction		Cascade (Redding)								
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)								
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
Sudden Oak Death Disease		Cascade (Redding)								
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)								
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				