



Director’s Report to the Board of Forestry

715 P Street  
Sacramento, California

December 5 - 6, 2023



**Resource Management**

**Forest Practice Program**

**Forest Practice Administration/Forest Practice GIS/CalTREES**

- The Program produced a memorandum on the new CalTREES functionality for online submittal of Plan amendments and it was distributed through the Board’s email list. The memorandum will also be posted on the Forest Practice page of the CAL FIRE website.

**Watershed Protection Program**

- The Program participated with the Multi-Agency AB1492 Training Committee to conduct an online and field-based interagency training class entitled, “Designing Watercourse Crossings for 100-Year Flows, Wood, and Sediment.” The online webinar occurred on November 6, 2023, and the first field training occurred on November 9, 2023, in the Redding area. The final field training took place on November 13, 2023, in the Korbel area and was lightly attended.

**Forest Practice Enforcement and Timber Operator Licensing (LTO)**

- There is a waiting list of approximately 820 people for the Licensed Timber Operator training class offered by Shasta College and the LTO Program. The Program completed a class of 43 students recently, and three more classes are scheduled through Shasta College before the end of the year. The Program in cooperation with CAL FIRE Mendocino and Humboldt Unit Forest Practice staff intends to provide more class opportunities in the spring after the LTO license renewal season is complete. There are approximately 100 more active licenses currently compared to last year.
- The following tables summarize LTO and Enforcement activities since the last report:

Table 1: Forest Practice Civil Penalty Collection

Case Status	# of Cases	Amount Collected	Total Amount Due
Adjudicated	27	\$138,750	\$400,800
Default	69	\$341,496	\$1,165,626
Paid per CPO	21	\$174,000	\$174,000
Settled	110	\$873,455	\$942,255
Totals	227	\$1,527,701	\$2,682,681

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



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or a judgement is needed. Penalties collected are deposited in the State's General Fund per (PRC§4601.1(d)).

Table 2: LTO License Status

Table 3: Civil Penalties Case Status

Status	#	Status	# of Cases
New Applications Rec'd	24	Under Review	3
Renewal Applications Rec'd	70	Developed for Signature	5
New Licenses Issued	13	CPO Signed, Mailed, Served	22
Licenses Renewed	54	Hearing(s) to be Scheduled	0
Incomplete Applications Rec'd	7	Settlement Mitigation	6
Applications Returned	9	Payments	19
Refunds Issued	0	Probation	2
Insurance Certificates Rec'd	113	Judgement Needed/Granted	38
		Default/Final Order	15
<b>Total Active Licenses</b>	<b>1,449</b>	<b>Total</b>	<b>110</b>

### **Resource Protection and Improvement Program**

#### **Urban and Community Forestry**

- Program staff met with a member of the advisory committee for California Polytechnic State University, San Luis Obispo (Cal Poly SLO) to discuss the potential for an Urban Forestry concentration within the Forestry and Natural Resources Management degree program. Also discussed was the possibility of creating and delivering an Urban Forestry Challenge for high school students modeled after the Forestry Challenge.
- Meetings are being scheduled to encourage collaboration between grant awardees of the Inflation Reduction Act. The United States Department of Agriculture Forest Service and national non-profit partners have directly awarded more than \$100 million in grant dollars for California projects. Many agreements are being revised to adjust for budget reductions and changes to scope of work.

#### **Forest Entomology and Pathology Program**

- A new disease of pines has been identified in Orange County. Ghost canker is caused by the native fungal pathogens *Neofusicoccum mediterraneum* and *N. parvum*. The fungi are known to cause diseases in grapes, nut crops, and fruit crops but had never been reported from pines before. Affected species include Monterey, Aleppo, and other non-native pine species. Only an area of about 100 acres with few, scattered pines is presently impacted.
- Mediterranean oak borer has been detected on Oregon white oak in Sonoma County. Previously the pest was only known from valley and blue oaks. The pest



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has also been introduced into the Portland, Oregon area in a separate infestation to North America.

- The emerald ash borer is killing native ash trees in the Portland, Oregon area. California will begin trapping and monitoring for the destructive invasive, insect that has killed most ash trees in parts of the eastern United States.
- CAL FIRE will be hosting the National Forest Health Monitoring Work Conference to be held March 20 - 21, 2024, on campus at the University of California, Davis. This will be the first in-person meeting for the program since pre-pandemic.

### **Forest Biometrics Program**

- Staff completed Continuous Forest Inventory (CFI) field work planned for 2023 at the Shasta - Trinity Unit's (SHU) Demonstration State Forests (DSF) and commenced field work on an additional Intensive Forest Inventory at a DSF in that unit. Biometrics Program staff will process the data from the CFI field work this winter.

### **Demonstration State Forests**

#### ***Jackson***

- Mendocino Unit Chief Luke Kendall has retired and is replaced by former Deputy Chief Brandon Gunn. Chief Gunn has been very active in supporting Jackson Demonstration State Forest and developing relationships with local tribes both on and off the forest. We thank Chief Kendall for his valuable contributions and look forward to working with Chief Gunn in his new role as Unit Chief.
- The Forest Management Plan Scope of Work was approved by the Jackson Advisory Group (JAG) at their meeting on November 15, 2023. It is expected that a consultant will be selected sometime in the summer of 2024. Public comment on this item was received and incorporated at an October 13, 2023, focused listening session and the June 2023 and September 2023 JAG meetings.
- Mastication continues on the Fire Fuels Mitigation research project. Two contracted crews, Iron Response and T. Bloyd Excavating, are simultaneously working on the twelve mastication units.
- Jeremiah Steuterman, Fey Egan, and Lynn Webb attended the Society of American Foresters (SAF) National Convention in Sacramento. Lynn presented on the history of silviculture on JDSF, while Fey and Jeremiah presented posters on the Greenhouse Gas Fire Fuels Mitigation project and the Redwood Tree Improvement Cooperative, respectively.
- Staff hosted a field tour for California Polytechnic State University, Humboldt (Cal Poly Humboldt) Professor Pascal Berrill's senior silviculture class on October 15, 2023. Tour stops included the Whiskey Springs Commercial Thinning Study,



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Prof. Berrill's Multi-Cohort Experiment, and the prescribed burn at the Parlin THP.

- The Mendocino Coast Cyclists (MCC) replaced a user-built bridge with a rocked ford watercourse crossing on the Manly Gulch Trail. This work was in conformance with a Stream Alteration Agreement, utilizing locally sourced rock.

### ***Boggs***

- Forestry Assistant II Rich Bucher instructed a Maps and Compass class at Cobb Community Center sponsored by Friends of Boggs Mountain on November 4, 2023.
- The Middletown High School Composite Mountain Bike Team was issued a Special Use permit to practice on the Boggs trail system.
- The Board of Forestry and Fire Protection's Effectiveness Monitoring Committee held a field tour of Boggs on November 16, 2023. Stops included the post-fire hillslope sediment study, long-term post-fire reforestation study, post-fire bird occupancy study, and an insect and disease discussion.

### ***LaTour***

- Staff have re-inventoried 45 plots associated with the 1978 Whitmore Fire Plantation Restoration Study by the Fire and Resources Assessment Program (FRAP). Mastication activities have been completed and the residual trees have been tagged, stem mapped, and re-measured in 2023 to serve as a base line for future growth resultant from the study's treatments.
- CAL FIRE and the Department of General Services harvested the State Capital Christmas Tree on October 30, 2023, and transported it to the Capitol on October 31, 2023. A Class from Weaverville Elementary was present to learn about the Demonstration State Forests and observe the operations.
- Prescribed fire was successfully reintroduced to 120 acres that had previously been thinned and masticated to complete treatment for the Adaptive Management Experiment (AMEX).
- The AB 1492 Working Group conducting an in-field day of lively discussions pertaining to watercourse crossing structures and design requirements on November 9, 2023. Agencies in attendance included CAL FIRE, Department of Fish and Wildlife, and the Central Valley Regional Water Quality Control Board. LaTour was selected because of the variety of crossing examples located on forest, including bridges, arched bottomless culverts, rocked fords, and numerous culverts.

### ***Soquel***

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- Recreational use has remained high since the forest reopened on October 10, 2023. Several complaints were received about e-bikes and conflicts between e-bike riders and other bicyclists.
- Further work and repairs were completed by contractor Holmes Logging under the Storm Damage Repair Contract. On November 3, 2023, Forest Manager Angela Bernheisel met with the Unit Forest Practice Inspector for an inspection of the road work repairs completed as part of two THP amendments.
- The Parks Operations class from West Valley Community College conducted a field tour of the Forest. Video footage is available here: [West Valley College Students Tour Soquel Demonstration State Forest](#) Students viewed road and streambank repairs, research sites and assisted with erosion control by spreading straw. The students also learned about careers in CAL FIRE Resource Management, Research, and Geology.

### ***Mountain Home***

- Timber operations on the Haughton Emergency Notice concluded on October 27, 2023.
- A Forest Practice Rule Section 1038(b) Dead, Diseased, Dying Trees Exemption was accepted on October 13, 2023, and operations commenced on October 30, 2023, in the Tub Flat area before moving to roadside hazard trees along Summit Road.
- Stocking surveys are complete in the areas planted in 2022. The planted areas ranged from 150 TPA to 600+ trees per acre between natural and planted seedlings.
- CAL FIRE entomologists and pathologists visited Mountain Home to examine 15 old-growth giant sequoia trees that have died since Spring. The team discussed many theories and collected many samples to further investigate this phenomenon. Also attending were Unit, Region, and Sacramento personnel from CAL FIRE, and representatives from the Sequoia National Forest, Tule River Indian Tribe, and Save the Redwoods League.
- Three tours for the Giant Sequoia Lands Coalition Act and Learn teams occurred on November 7-9, 2023. The first tour was at Mountain Home to examine and discuss proactive forest management; post-fire salvage harvesting and planting; as well as forest management strategies in the Adaptive Management Experiment (AMEX). Day two was on Tule River Tribe reservation lands to observe post-fire salvage logging and meadow restoration work. Day three was in the Hume Ranger District of the Sequoia National Forest's Indian Basin and Bearskin Groves which are being thinned, masticated, and treated with prescribed fire



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### **Prescribed Fire and Environmental Protection Program**

#### **Prescribed Fire Program**

- Prescribed fire projects continue to be accomplished taking advantage of the good weather and vegetation conditions. Currently the [Interagency Treatment Tracker](#) has 96,463 acres completed for prescribed fire from all of the cooperating agencies. CAL FIRE is reporting 33,351 acres.

#### **Vegetation Management Program**

- The Vegetation Management Program has 126 projects (20 are CAL VTP projects and 106 are Chaparral Management Plan projects) approved for operations that could encompass 317,472 acres.

#### **Environmental Protection Program**

- The California Licensed Foresters Association Archaeological Surveyor Refresher Training occurred in Anderson on November 8 - 9, 2023.

### **Tribal Affairs/Cultural Resources**

#### **Tribal Affairs**

- November was Native American Heritage Month. The California Natural Resources Agency coordinated multiple activities in celebration of Native Americans.

### **Wildfire Resilience Program**

#### **Reforestation Services Program**

- The final total for this year's conifer cone collections amounted to 210.33 bushels, comprised largely of sugar pine from Boggs DSF, with smaller amounts of Douglas-fir, incense cedar, Jeffrey pine, and white pine primarily collected in the Dixie Fire footprint. Smaller amounts of pacific madrone and other native hardwoods were also recently collected.
- 2024 production year sowing requests are closed, correlating to a projected 25 filled orders (out of 77 received) with an expected gross production of 290,000 seedlings. [Seed requests](#) are still being accepted online through the end of 2023 for those with identified nurseries able to sow.
- Additional greenhouses are in the planning and design stages with construction slated to occur in the next 2-3 years, boosting annual production up to 1 million seedlings.
- RSP staff continue to assist with various 'huddles' of the [Reforestation Pipeline Partnership](#) to advance a multitude of specific objectives, meeting virtually in-between the larger quarterly gatherings of all attendees.



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

- CFIP presented a proposed 7.5% increase in cap rates to the December 5, 2023, meeting of the Management Committee of the Board of Forestry and Fire Protection (Board). The cap rate adjustment is intended to account for the year over year inflation rate.
- CFIP also presented a revised Forest Management Plan to the December 5, 2023, meeting of the Board's Management Committee. The revised plan is designed to allow applicants to start applying ground practices in a faster timeframe.

### **Climate and Energy Program**

#### **Wood Products & Bioenergy**

- Program staff completed initial evaluations of third quarter 2023 Business and Workforce Development grant applications and presented top applications for feedback from an interagency review committee.
- Staff joined other CAL FIRE personnel in attendance of the annual Society of American Foresters conference in Sacramento on October 26 - 27, 2023, including working to recruit new foresters at the CAL FIRE Resource Management table.
- Staff attended and hosted a speaker panel at the Forestry Workforce Summit in Anderson from November 6 - 8, 2023.
- Staff presented "State Investments in Forest Innovation" at the Forest Innovation Summit in San Francisco on November 16 - 17, 2023.
- A staff member attended and served as a panelist at the California Licensed Foresters Association Fall Workshop "Branching Out: Developing the Next Generation of California Foresters" in Anderson on November 16 - 17, 2023.

#### **Forest Health and Tribal Wildfire Resilience**

- The Forest Health FY 2023-2024 grant solicitation opened on November 13, 2023. Applications are due by 3:00 PM on January 15, 2024.
- On November 8, 2023, Forest Health presented at the California Reforestation Pipeline Partnership's quarterly meeting in Williams to inform the attending reforestation practitioners about our Post-Fire Reforestation and Regeneration grants.
- There are three Regional Forest Health Pilot Grants in development. The Forest Health program has initiated a grant agreement with Humboldt County for a \$10 million regional pilot project supporting the North Coast Resource Partnership. The Great Basin Institute is continuing work on a scope of work and budget



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towards a \$10 million grant for the Healthy Eldorado Partnership's work in the Crystal Basin. Finally, the Southern California pilot will be a cooperative with \$5 million from Forest Health and \$5 million from Wildfire Prevention; the programs are working together and with regional partners on the guidelines for this pilot.

- CAL FIRE and the Governor's Office announced 13 grant awards for Tribal Wildfire Resilience projects. These are now in administrative and budget checks in preparation for grant agreements.
- There is a new page on CAL FIRE's website for Tribal Wildfire Resilience grants.
- Staff are starting to plan the next solicitation, which is anticipated to open in early 2024.

### Climate Change

- Through a partnership with California State Parks, Climate Change Program staff conducted drone flights over the South Grove at Calaveras Big Trees State Park on November 2 - 3, 2023, to collect imagery data for a future prescribed burn. The data will be combined with post-burn data to evaluate outcomes of the burn.
- Staff will participate in a Cal Poly SLO Swanton Pacific Ranch webinar on December 12, 2023 titled "[Forest Health Grants and Forest Practice Documents: Can they be used together to create a more resilient landscape.](#)"

### Wildfire and Forest Resilience Task Force

- The [Task Force's November monthly update](#) is available on the Task Force website.
- Treatment Dashboard Virtual Public Workshop: On Tuesday, November 14, 2023, the Task Force hosted a Virtual Public Workshop on the [CA Wildfire & Landscape Resilience Interagency Treatment Dashboard](#). The goal of the workshop was to gather input from those using the Treatment Tracking System and Dashboard to improve how data is accessed and displayed, and to ensure we are providing transparency and effective planning information on statewide wildfire resilience treatments. The Workshop was [recorded](#), and the Task Force is collecting feedback on the Dashboard via a survey.
- Task Force staff are working with partners, consultants, and the various Task Force work groups toward a 2024 update of the Action Plan.
- 2023 & 2024 [Task Force Meeting Schedule](#):
  - December 15, 2023 – Sacramento (9:30 a.m.-12 p.m.): The agenda will focus on Fire-Adapted Communities.
  - April 4 - 5, 2024 – Southern CA Region





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- June 20, 2024 – Sacramento (1 p.m.-4 p.m.)
  - September 26 - 27, 2024 – Sierra Region
  - December 13, 2024 – Sacramento (9:30 a.m.-12 p.m.)

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

#### **Forest Health Research Grants**

- The Forest Health Research Program selected 15 proposals to award for research projects addressing priority topics in forest health and wildfire management. FRAP anticipates releasing the next Forest Health Grant solicitation in early December 2023.

#### **Fire Hazard Severity Zones (FHSZ)**

- FRAP continues to support the CAL FIRE Office of State Fire Marshal in making FHSZ model revisions and in response to public comments.

#### **Forest and Rangeland Assessment**

- FRAP is targeting the first quarter of 2024 for completion and public release of the Forest and Rangeland Assessment. Draft chapters are expected to be completed by the end of December 2023.

#### **Adaptive Management Experiments (AMEX)**

- A prescribed burn was conducted at the AMEX site located at LaTour Demonstration Forest. The burn completes the implementation of the experiment at that site.
- Staff are currently working to complete a 3-year maintenance agreement for AMEX.

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

- FRAP continues supporting an inter-agency effort to develop regional planning data sets referred to as Regional Resource Kits (RRK) as part of the Wildfire and Forest Resilience Task Force. RRKs have been developed for the Sierras, Central Coast, and South Coast. The North Coast RRK is currently under development.
- The Climate and Wildfire Institute has completed a prototype for the Forest Data Hub and has begun user testing.

### **Fire Protection**

#### **Fire Protection Program**

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



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- During the month of October 2023, CAL FIRE Law Enforcement officers made 19 arrests and issued 29 citations.
  - CAL FIRE Law Enforcement has made 95 arson arrests in 2023.
- In fiscal year 23/24, \$38.8 Million has been collected by Civil Cost Recovery.

### **Fire Protection Operations**

- The Fire Intelligence Program Staff returned from the speaking invitation at the FIRE-RES conference in Portugal with very positive feedback and as a result, we also were afforded the opportunity to meet with the Deputy Director of Forest Policy Elsa Enríquez Alcalde and Forest Fires Area Chief Rafael Gómez del Álamo from Spain, where there were discussions on high-level CAL FIRE programs and how we operate. Other subsequent meetings occurred with Lieutenant Colonel Paradinas, Chief of Intel, and the Military Emergency Unit Military Emergencies Unit (Unidad Militar de Emergencias) as well as the Fire Chief from Andalusia Spain where we provided presentations on the CAL FIRE Intel program.

We have since been advised that we will likely be receiving further invitations back to Spain in February or March to further discuss decision support and Incident Command System (ICS). From this conference England has also expressed interest in learning more about our Programs.

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

- CAL FIRE aviation recently hosted the Colorado Division of Fire Prevention and Control (DFPC) staff under a recently approved Memorandum of Understanding (MOU) to coordinate joint training for FIRE HAWK and Helitack operations.

### **Mobile Equipment Program**

- Nothing to Report

## **Cooperative Fire Protection**

### **Local Government Program**

- Representation from the Local Government Program attended the 2023 California Local Area Formation Committee (CALAFCO) conference the week of October 18, 2023. As Local Government Fire Departments continue to venture down out of the box concepts for coverage and staffing, having a current understanding of today's Municipal Service Review and current Sphere of Influences exemptions are imperative. The conference provided the opportunity to monitor LAFCO-related discussions, expand on the understanding of CALAFCO, and current and future changes.



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- The Local Government Program, in coordination with both Northern and Southern Region Units, identified the dates and locations in January and February for four 2024 Local Government Workshops. These workshops are held throughout the state to allow Chief Officers from surrounding units to attend. The workshop topics change each year with the intent to help educate agreement managers on the new and renewal agreement process, changes in legislation, and any trends which were tracked over the previous year.

### **State/Federal/International Programs**

- The State, Federal, and International (SFI) program assisted in coordinating a tour the week of October 16, 2023, to Costa Rica firefighters of CAL FIRE's operational and administrative process. The CAL FIRE San Benito-Monterey Unit (BEU) facilitated the tour which included the CAL FIRE Training Facility in Lone, a Unit tour of BEU covering recent and current Vegetation Management Projects (VMP), and the Caldor vegetation fire burn scar in the Amador-EI Dorado Unit. A SFI program representative also had the opportunity to meet with the representative while they were in the BEU Unit. Moving forward, CAL FIRE will work to establish a Memorandum of Understanding (MOU) with Costa Rica. This MOU would allow both agencies to work together on similarities, enhancing and promoting wildfire prevention and wildland-urban interface awareness to values at-risk and at-risk populations, according to available economic and technical resources.
- Through the CAL FIRE International Visitor Request portal recently established on the CAL FIRE public web page, the German Fire Services Association (DFV) has requested CAL FIRE to meet and discuss future collaborations. That meeting occurred November 21, 2023. DFV also extended an invitation to CAL FIRE to attend upcoming Wildland Fire Symposium, hosted in Germany, in June 2024.
- The fall Association of Contract Counties meeting was held November 15 - 16, 2023, in Tustin at the Orange County Fire Authority Headquarters. It was well received and attended with emphasis on holding this meeting every six months to maintain the partnership and stay current on all issues/ concerns amongst the six counties and CAL FIRE.

### **Camps and Crews Program**

- The current statewide strength of Type I Hand Crews is 135 of the 233 funded. This includes 64 California Department of Corrections and Rehabilitation (CDCR) crews staffed out of a total of 152 funded, 24 California Conservation Corps (CCC) Crews staffed out of 32 funded, 33 of the 35 funded CAL FIRE Firefighter I Crews and 14 of the funded 14 California National Guard Crews. The current CDCR inmate crew strength is 1043 inmates out of the allocated 2584, leaving

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the Conservation Camp Program with a shortage of 1541 inmates. The total CDCR Camp population is at 57% with a crew capacity of 40%.

- The Hand Crew Program will be hosting the annual Hand Crew Conference in Riverside, CA the week of January 29, 2024. The workshop will be attended by CAL FIRE Camp and Fire Center leads and representatives from cooperating agencies including the California Department of Corrections and Rehabilitation (CDCR), California Conservation Corps (CCC), and California Military Department (CMD). This workshop allows all program leads to come together at a single location to share concepts, identify future program goals, and collaborate to solve current and potential forecasted issues.
- Ventura Training Center (VTC) Cooperative Program Operations meeting for CAL FIRE, CCC, CDCR, Division of Adult Parole Operations, California Institution for Women, Anti-Recidivism Coalition, and Adult Rehabilitative Services of Ventura County was on November 8, 2023. This meeting helps ensure all adjoining agencies in partnership are meeting goals and intended application of program. It also allows stakeholders to highlight current and anticipated challenges, successful processes, and reinforced partnerships and directives for each department. The program is now in year five of operations.

### **Safety/EMS Program**

#### ***EMS Program***

- The EMS Program facilitated a meeting on October 17, 2023, to discuss the ongoing concerns over federally hired EMS vendors on federal incidents in Northern California. Representatives included federal agency medical directors and their EMS Program leads, the California EMS Authority, various Local EMS Agency (LEMSAs), and several California EMS System stakeholders. The meeting went very well and put together individuals that hadn't been able to connect prior to this meeting. All sides left with better communication paths and opportunities for improvement. The group decided to meet again in the spring months.
- Dr. Brett Rosen has been added to the National Wildfire Coordination Group's (NWCG) Emergency Medical Committee as an associate member at the Committee's request. He is the only state agency medical director that is part of the group. Dr. Rosen provided valuable input and collaboration with this group during the pandemic regarding impact to incidents and incident bases.
- The EMS Program is working with the Nevada-Yuba-Placer Unit to add the Basic Life Support (BLS) resources of Placer County Fire to CALePCR. The Schedule A BLS CALePCR beta test in Butte and Napa counties went well and the Program is looking to add any additional Schedule A BLS contracts that are interested.

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- The EMS Program has gained approval by the Kern County EMS Agency for OSFM and CAL FIRE Law Enforcement (LE) officers to administer intranasal naloxone while working in the official capacity of their position. This is important because the EMS rules that govern fire engine mutual aid are different for our OSFM and LE personnel.
- The Santa Clara Unit went live with CALePCR on November 1, 2023. 17 Units are now online with the program. The remaining four Southern Region Units are awaiting paramedic level capabilities that are part of a pending Image Trend contract upgrade.
- The Fresno-Kings Unit has been approved by the Central California EMS Agency for the use of Epi-pens by EMTs and Public Safety First Aid (PSFA) personnel.

### **Safety Program**

- The Safety Program hosted a California Occupational Safety and Health Standards Board meeting at HQ November 13 - 14. The meeting will be discussed revisions to the existing PPE regulations with specific topics including wildland PPE and tracking.
- Memos and direction regarding funding provided by the PPE Budget Change Proposal are in the final approval process before release. Approximately \$33MM in funding will be coming to the Regions/Units/Programs to for additional wildland and structural PPE, extractors, and dryers. This funding will include supplementing region caches with PPE and the addition of “wipes” in the Supply Unit for use in removing heavy metals and other carcinogenic materials from the skin during fires.
- A policy package related to the appropriate use, care, and maintenance of PPE is in the approval process. This includes preliminary exposure reduction procedures and a kit on all fire apparatus for use at structure fires.
- The Safety Program has begun development on a policy related to the cleaning of PPE when exposed to Lithium-Ion battery smoke.

### **Statewide Training Program**

- Statewide Training has received the keys to the Natomas Building. The staff is working to evaluate needs so the building can be put into service in early 2024.
- Vector Solutions staff have completed its training with EVAL + and will be moving into the Bata test phase.
- JAC staff are working with CAL JAC to collect data on CAL FIRE and OSFM data to start working together within the program.



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- Policy and Curriculum Staff are working to complete items to present to the Statewide Training Committee later this week.

### **Academy Training Program**

- The 2023 Training Center training cycle concludes on Friday, December 22, 2023, with the completion of a 4-week Firefighter Academy and Company Officer Academy.
- The 2024 Training Center training cycle begins Monday, January 8, 2024, with Law Enforcement Regular Basic Course, Emergency Command Center Academy, Firefighter Academy, and two Company Officer Academies.
- All three Training Centers will be hosting the 11-week Fire Control Training that includes the Firefighter Academy and Company Officer Academy for a total of 18 Company Officer Academies in 2024.
- The Training Centers are currently filling five Battalion Chief vacancies, behind promotions, transfer, and retirement.

## **Office of the State Fire Marshal**

### **Wildfire Risk Reduction**

- Wildfire Mitigation Advisory Committee:
  - Wildfire Mitigation Advisory Committee is meeting again on November 28, 2023, where the Committee will receive a presentation from the National Institute of Standards and Technology (NIST) on Evacuation and Sheltering Considerations: Assessment Planning and Execution (ESCAPE) document that takes the lessons from Camp 4 and packages them for small and intermediate size communities, specifically to help them develop their evacuation plans.
  - For information on this monthly meeting, visit our website at:
    - <https://osfm.fire.ca.gov/boards-committees/wildfire-mitigation-advisory-committee/>

### **Wildfire Preparedness**

- Defensible Space:
  - More cities are taking advantage of the Office's Model Defensible Space program as well as Qualified Entity Training.
  - FY 22/23, we visited 253,025 properties and completed 313,341 inspections, which included re-inspections.



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- FY 23/24 has seen 119,012 inspections completed, 48% of the goal (250,000 Goal).
- Burn permits – 75,706 requested – 72,616 issued.
- Home Hardening:
  - California Wildfire Mitigation Program (CWMP) Staff continued to review assessments and scope of work documents for the Dulzura, San Diego County project, Whitmore, Shasta County project, and Kelseyville Riviera, Lake County project. Each community has done a homeowner walk-through of a scope of work document for their approval.
  - The Whitmore, Shasta County project personnel plan to do their first contractor walk-through to discuss the project scope of work. This meeting occurred on November 30, 2023.
  - The Weber Creek/Placerville project in El Dorado County and the Ponderosa Hills project in Tuolumne County personnel continue to work on phase one Environmental and Historic Preservation requirements.
  - The West Mount Shasta defensible space only project in Siskiyou County personnel have been conducting defensible space assessments.
  - Received feedback from our pilot community assessors on our CWMP Home Hardening Assessment application. This feedback will be used to make improvements to the application this winter.
  - Completed a Home Hardening self-assessment application that will be featured on our websites. Continue to work on our CAL FIRE Home Hardening website and Office of the State Fire Marshal Building in the wildland websites.
- Utility Wildfire Mitigation Program:
  - Work continues on Wildfire Mitigation Plan Consultation with the Office of Energy Infrastructure Safety (OEIS).
  - Working with a few utilities and manufacturers for the Public Resource Code 4292 Equipment Exemption process.
  - Work continues on the review of the 2024 CAL FIRE Powerline Fire Prevention Field Guide Communication Clearance process (CAL FIRE 330).

### **Wildfire Planning and Statistics**

- Pre-Fire Planning:
  - The annual Pre-Fire Workshop was held November 13 – 17, 2023, in San Diego. There were 60 attendees from all Units & Contract Counties present.



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- Topics included the full range of Pre-Fire Planning activities, including Fire Hazard Severity Zone, State Responsibility Area, Direct Protection Area, CalMAPPER, ignition analysis, Fuel Treatment Effectiveness Reporting (Success Stories), and GIS training.
- Supporting Co-Op Fire's annual Direct Protections Area review, and facility maps for Camps/Crews program.
  - Community Wildfire Protection Plan (CWPP) development/toolkit is ongoing. This will ensure a level of consistency across local & regional plans.
  - Preparing the annual fire perimeters data collection and validation for 2023, due in early 2024.
  - Wildland Fuels Reduction Reporting:
    - CalMAPPER Mobile:
      - Continue to meet once a week to get feedback on testing with seven Units, and one Contract County
      - Pushing rollout date to after January 1, 2024, due to feedback received during testing.
    - Wildfire Prevention Grants Program:
      - Working with program to build out their own program and data entry process in CalMAPPER.
      - Building Quality Assurance and Quality Control (QA/QC) reports to assist grant programs with data quality.
    - Planet Imagery evaluation:
      - Currently have staff from Sacramento, Region, and Units evaluating the product and providing feedback.
  - CalStats:
    - Notified Units and Regions about updates to the Redbook Review Dashboard, Contract County Dashboard, and Quality Control list for all 2023 State Responsibility Area (SRA) Fires.
      - This marks the beginning of the new cycle for 2023 Redbook, as we start the process of having Units, Regions, and Contract Counties review their data and fires for this year.
      - The primary objective of this process is to ensure that Contract Counties are correctly exporting their SRA fires to our CalStats database and that the Units review their fires for accuracy.
    - Custom Developments:





## Director's Report to the Board of Forestry

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- Our ongoing efforts to enhance the lat/long field in CALFIRS are now showing promising results.
- Collaborating with the EMS Program to enhance the ePCR and CALFIRS systems by integrating them, to improve the user experience for field personnel.

### **Community Wildfire Mitigation Assistance**

- Land Use Planning:
  - Stats and Regs class were held November 7 - 8, 2023, in El Dorado County. Land Use Planning staff attended to discuss our program's role in Safety Element/General Plan updates planning for wildfire and Subdivision Review Program regarding evacuation and egress.
- Firewise:
  - Currently 743 communities in good standing.
  - Firewise application renewals were due Friday before Thanksgiving. Extension granted by NFPA until December 15, 2023, due to website maintenance issues. Land Use Planning staff are available to assist communities with the process if needed.
  - Provide quarterly training meetings to assist Firewise Community board members and Fire Safe Councils come together and assist each other in their pre-planning efforts to reduce the risk of wildfire in their areas.
- Subdivision Review Program:
  - Conducted Fire Safety Surveys in Monterey City/County/City of Hollister October 22 - 25, 2023.
  - Humboldt and Del Norte County Fire Safety Surveys completed week of November 13, 2023.
  - Continued collaboration meetings with many statewide jurisdictions.
- Fire Safe Regulations Workgroup:
  - Periodic training webinars available to CALFIRE Units and Contract County staff who implement the Fire Safe Regulations during their daily work duties.
  - Committee continues building course curriculum for training on "How to Implement the Fire Safe Regulations".
  - Planning to hold pilot course in early 2024.
- Local Planner Training:



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- Working on next round of training with Community Wildfire Planning Center (CWPC):
  - Curriculum updates and logistics.
  - 10 - 12 training dates in 2024 and extending into early 2025.
- Wildfire Prevention Grants Program:
  - On November 1, 2023, CAL FIRE announced the availability of up to \$117 million in funding for local projects that address the risk of wildfire and reduce wildfire potential to communities, through the department's Wildfire Prevention Grants program.
  - The FY 2023-24 Wildfire Prevention Grants Solicitation is open from November 1, 2023, through January 10, 2024, at 3:00 PST.
  - The Wildfire Prevention Grants Workshop Webinar will be hosted via Microsoft Teams on November 8, 2023, at 10:00 - 11:30 AM PST.
  - Wildfire Prevention Grants will also provide Office Hours via Microsoft Teams.
    - Budget – November 29, 2023, from 10:00 AM - 11:00 AM PST (already occurred)
    - Scope of Work – December 6, 2023, from 10:00 AM - 11:00 AM PST
    - Miscellaneous – December 13, 2023, from 10:00 AM - 11:00 AM PST
    - Project Mapping Component – December 20, 2023, from 10:00 AM - 11:00 AM PST
  - Learn more about our Wildfire Prevention Grant program at:
    - <https://www.fire.ca.gov/what-we-do/grants/wildfire-prevention-grants>

## **Communications**

### **Statistics**

- [Current Year-to-Date Incident Statistics](#)

### **Education and Safety Messaging:**

- Holiday safety messaging will continue on all social media platforms. Key messages include kitchen fire safety, holiday light safety, heating safety and winter driving safety. A Christmas Tree Safety public safety message video will be released in early December.
- The readyforwildfire.org website is undergoing an update that is expected to go live in January 2024. The update will reflect current education and outreach messaging related to Defensible Space and Home Hardening, Forest Health, and Landowner Assistance. Wildfire planning messaging and tools for preparedness will be translated into multiple languages.



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### Program and Project Messaging:

- To support recruitment efforts, a Forestry Logistics Officer video will be released in early December and a recruitment podcast is in development for production early 2024.
- Two new video series are being developed that focus on CAL FIRE staff with the purpose of introducing our audiences to individual staff members across the state. One series, *Your Why*, is about staff members reasons for choosing a career with CAL FIRE. The other, *CAL FIRE Callings*, is about staff who are doing extraordinary things outside of work. Videos can be viewed on all social media platforms and [YouTube/CAL FIRE TV](#).
- The next *All Access* video series will focus on the Department's All Risk mission of CAL FIRE.
- The next 5 Points Podcast with the Chief will focus on aviation and will be available on Spotify and YouTube/CAL FIRE TV in mid-December.
- Several social media posts about the purpose and specific projects at the Demonstration State Forests, including the choosing, harvesting, transporting, and lighting of the State Christmas Tree, post wildfire research, and giant sequoia restoration efforts.

### Traditional and Non-Traditional Media:

- Staff have been supporting a documentary crew as they gather interviews and footage for a project which will focus on wildfire pilots. The crew has already visited 3 air attack bases and has plans to visit additional locations throughout the coming winter.
- Staff are working with an auto enthusiast YouTube channel to produce a video on how CAL FIRE uses the Ford F series vehicles.

## Equal Employment Opportunity (EEO)/ Diversity, Equity and Inclusion Program (DEI)

- CAL FIRE's DEI program has recently appointed a DEI Manager scheduled to commence duties on December 1, 2023. The DEI Manager will play a pivotal role in guiding the process and fostering behavioral changes necessary to establish an inclusive organization, with an exclusive emphasis on DEI initiatives.
- CAL FIRE completed its (enhanced) Quality Assurance Program (QAP) with the primary goal of this report is to ensure a more diverse representation of CAL FIRE Exam Panel members, aligning with the demographic data of California State Service. Diverse panels play a crucial role in promoting equal employment opportunities for potential examination candidates and reducing the possibility of unconscious biases or discrimination during the pre-employment decision-making process. The concept of diversity extends to various aspects, including but not limited to: Age/Generational groups, Gender, Race/Ethnicity, Disability with Veteran/Military Service now added. Next step: collaboratively working with HRU and the Regions to delve into additional details on how we can collaboratively address and eliminate barriers throughout the QAP process.

**CALENDAR YEAR 2023  
TIMBER HARVESTING INFORMATION THROUGH November 23, 2023**

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	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
THPs Received	139	118	46	38	3	0	7	8	195	164
THPs Returned	57	55	10	18	1	0	4	3	72	76
THPs Pre-Harvest Inspections	124	106	41	35	2	0	4	9	171	150
THPs with NON-Concurrence	0	0	0	0	0	0	0	0	0	0
THPs Denied	1	0	0	0	0	0	0	0	1	0
THPs Approved	114	96	40	34	3	0	6	5	163	135
THP Approved Acres	32,841	25,762	20,577	16,788	29	0	1,091	2,488	54,538	45,039

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
NTMPs Received	6	9	1	1	0	0	1	0	8	10
NTMPs Returned	4	6	0	1	0	0	1	0	5	7
NTMPs Pre-Harvest Inspections	4	7	1	1	0	0	1	0	6	8
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	3	7	2	0	0	0	0	1	5	8
NTMP Approved Acres	1,560	1,110	853	0	0	0	0	105	2,413	1,215
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTOs Received	106	75	3	12	0	0	4	1	113	88

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
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 2023  
TIMBER HARVESTING INFORMATION THROUGH November 23, 2023**

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 November 23, 2023

Rule	Type of Exemption	Admin Area	2022		2023	
			Number of Plans	Acres	Number of Plans	Acres
1038(b) (03/2019)	10 Percent Dead, Dying Diseased, Fuelwood, or Woody Debris v2019	Cascade (Redding)	172	882,750	144	919,024
		Coast (Santa Rosa)	62	440,765	79	458,940
		Riverside (South)	1	240	1	240
		Sierra (Fresno)	43	81,131	28	27,591
		<b>Totals</b>	<b>278</b>	<b>1,404,886</b>	<b>252</b>	<b>1,405,795</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)	16	281,366	22	283,290
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	1	14	3	8,953
		<b>Totals</b>	<b>17</b>	<b>281,380</b>	<b>25</b>	<b>292,243</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)	84	68,284	59	35,149
		Coast (Santa Rosa)	6	4,557	6	145
		Riverside (South)				
		Sierra (Fresno)	18	1,663	20	1,198
		<b>Totals</b>	<b>108</b>	<b>74,504</b>	<b>85</b>	<b>36,492</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	2022		2023	
			Number of Plans	Acres	Number of Plans	Acres
1038.3 (03/2019)	Forest Fire Prevention v2019	Cascade (Redding)	18	1,594	17	1,280
		Coast (Santa Rosa)	41	2,606	36	2,230
		Riverside (South)	3	595	1	269
		Sierra (Fresno)	1	132		
		<b>Totals</b>	<b>63</b>	<b>4,927</b>	<b>54</b>	<b>3,779</b>
1104.1(a)	Less than 3 Acre Conversion	Cascade (Redding)	95	212	65	103
		Coast (Santa Rosa)	63	135	53	113
		Riverside (South)	1	0	1	1
		Sierra (Fresno)	28	32	8	9
		<b>Totals</b>	<b>187</b>	<b>379</b>	<b>127</b>	<b>226</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)			1	100
		Coast (Santa Rosa)	15	237	28	842
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>15</b>	<b>237</b>	<b>29</b>	<b>942</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)	14	18	15	45
		Coast (Santa Rosa)	11	70	5	9
		Riverside (South)				
		Sierra (Fresno)	20	125	1	5
		<b>Totals</b>	<b>45</b>	<b>213</b>	<b>21</b>	<b>59</b>
1104.1(b)&(c)	Public / Private Utility Right-of-Way	Cascade (Redding)	37	932,540	16	5,862
		Coast (Santa Rosa)	39	2,005	26	591
		Riverside (South)				
		Sierra (Fresno)	37	49,164	14	3,847
		<b>Totals</b>	<b>113</b>	<b>983,709</b>	<b>56</b>	<b>10,300</b>

California Forest Practice Rules - Exemptions and Emergency Notices  
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Rule	Type of Exemption	Admin Area	2022		2023	
			Number of Plans	Acres	Number of Plans	Acres
1038(f) (03/2019)	Small Timberland Owner	Cascade (Redding)	2	69	2	50
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>2</b>	<b>69</b>	<b>2</b>	<b>50</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)	93	233	111	702
		Coast (Santa Rosa)	141	444	133	317
		Riverside (South)				
		Sierra (Fresno)	5	7	11	30
		<b>Totals</b>	<b>239</b>	<b>684</b>	<b>255</b>	<b>1,049</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)	5	39	5	16
		Coast (Santa Rosa)	48	185	32	132
		Riverside (South)				
		Sierra (Fresno)	1	1		
		<b>Totals</b>	<b>54</b>	<b>225</b>	<b>37</b>	<b>148</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>1,121</b>	<b>2,751,213</b>	<b>943</b>	<b>1,751,083</b>



Type of 1052 Emergency Notice		2022		2023						
		Admin Area	Number of Plans	Acres	Number of Plans	Acres				
Notice of Emergency Timber Operations		Cascade (Redding)	183	72,495	93	26,252				
		Coast (Santa Rosa)	33	2,444	36	2,525				
		Riverside (South)								
		Sierra (Fresno)	62	17,182	27	5,308				
		<b>Totals</b>	<b>278</b>	<b>92,121</b>	<b>156</b>	<b>34,085</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)	12	1,937	5	1,743		
				Coast (Santa Rosa)			2	385		
				Riverside (South)						
				Sierra (Fresno)			2	191		
				<b>Totals</b>	<b>12</b>	<b>1,937</b>	<b>9</b>	<b>2,319</b>		
				Fire		Cascade (Redding)	172	70,914	87	24,591
						Coast (Santa Rosa)	30	2,194	26	1,904
						Riverside (South)				
						Sierra (Fresno)	30	6,005	5	1,057
						<b>Totals</b>	<b>232</b>	<b>79,113</b>	<b>118</b>	<b>27,553</b>
				Insects		Cascade (Redding)	16	4,721	9	2,622
						Coast (Santa Rosa)	1	144	2	297
						Riverside (South)				
						Sierra (Fresno)	5	2,602	2	191
						<b>Totals</b>	<b>22</b>	<b>7,467</b>	<b>13</b>	<b>3,110</b>
				*Others		Cascade (Redding)	234	99,944	116	31,883
				Coast (Santa Rosa)	40	2,883	61	4,988		
				Riverside (South)						
				Sierra (Fresno)	20	7,237	6	600		
				<b>Totals</b>	<b>294</b>	<b>110,064</b>	<b>183</b>	<b>37,472</b>		
Fuel Hazard Reduction (RM65)		Cascade (Redding)	6	1,948	8	833				
		Coast (Santa Rosa)	2	89						
		Riverside (South)								
		Sierra (Fresno)	2	161	1	3				
		<b>Totals</b>	<b>10</b>	<b>2,198</b>	<b>9</b>	<b>836</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>				