



Director's Report to the Board of Forestry

CNRA Auditorium
715 P Street
Sacramento, California



November 2, 2022

Resource Management

Forest Practice Program

- Staff recently participated in the Cal Poly San Luis Obispo Natural Resources and Environmental Sciences Program Advisory Council meeting. Among other highlights was the Program's report that applications for the Forestry and Fire Science Major are up 300% over the prior year and that the University accepted double the number of students in that Major. The Dean of the College of Agriculture, Food, and Environmental Sciences approved hiring an additional Forestry and Fire Science Professor. The College desires a Registered Professional Forester to fill that position.

Forest Practice Administration

- Staff are making good progress toward the rollout of online Timber Harvesting Plan (THP) submission. This has been identified as a Wildfire and Forest Resilience Task Force priority with a due date in January 2023. A recent success is that revisions to the THP form have been finalized for system code development. Staff are working to update the Non-Industrial Timber Management Plan (NTMP) form for code development.
- Staff have been meeting with CNRA's contracted 'Change Management Group' to coordinate user outreach strategy for unified and informative messaging. The group is also identifying outreach and training opportunities prior to and after deployment.
- Program staff are continuing to support the Forest Practice Law Enforcement and Northern Region Coast Forest Practice District Review Team programs by conducting harvesting plan review, Forest Practice Rule interpretation, administrative civil penalty Complaint and Proposed Order development, and Coast District Duty Forester support.

Watershed Protection Program Update

- Staff, along with cooperators from the United States Forest Service (USFS) Pacific Southwest Research Station, Northern Arizona University, and FRAP, have developed a scope of work to develop a drought and fire resilience component to Jackson Demonstration State Forest's third Caspar Creek Experiment.
- Staff is continuing to work on a post-fire salvage logging guidance document with Dr. Joe Wagenbrenner from the USFS Pacific Southwest Research Station.

- Staff is working on Spotted Owl Resource Plans, while developing a Memorandum of Understanding with the United States Fish & Wildlife Service for the Barred Owl Management Strategy.
- Staff is preparing for the California Licensed Foresters Association workshop on botanical resources.

Forest Practice Enforcement and Timber Operator Licensing (LTO):

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	\$126,000	\$418,800
Default	55	\$281,700	\$1,006,580
Paid per CPO	20	\$151,000	\$168,000
Settled	103	\$783,205	\$881,505
Totals	205	\$1,341,905	\$2,474,885

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)).

Table 2: LTO License Status

Table 3: Active Civil Penalties Case Status

Status	#	Status	# of Cases
New Applications Rec’d	25	Under Review	6
Renewal Applications Rec’d	18	Developed for Signature	10
New Licenses Issued	18	CPO Signed, Mailed, Served	12
Licenses Renewed	17	Hearing(s) to be Scheduled	6
Incomplete Applications Rec’d	6	Settlement Mitigation	6
Applications Returned	16	Payments	22
Refunds Issued	0	Probation	1
Insurance Certificates Rec’d	147	Judgement Needed/Granted	32
		Default/Final Order	17
Total Active Licenses	1406	Total	112

Resource Protection and Improvement Program

Urban and Community Forestry

- The program is preparing for the fiscal year 22/23 grant solicitation. A timeline will be released soon. It should be noted that the funding for the program has increased from \$30 million in 21/22 to \$167 million in 22/23, inclusive of \$117 million in funding specifically for a school greening grant type.

- The United States Forest Service Urban and Community Forestry Program will also have large increase in budget resulting from the Inflation Reduction Act. The program will grow from approximately \$40 million per year to \$150 million per year. This will likely result in increased funding to CAL FIRE's program at some future point.

Stewardship Lands Acquisition

- CAL FIRE completed the Lake Valley acquisition, 1,151 acres in Placer and Nevada Counties, on September 21, 2022.
- Final acquisition documents for the Battle Creek (Shasta County) and Bear River (Placer County) transactions have been submitted to the Public Works Board for consideration at their November 18, 2022, meeting.

Boggs Mountain and Las Posadas

- Forest Manager Peter Leuzinger gave an interview and field tour of Los Posadas tree mortality to the San Francisco Chronicle for a story published September 27, 2022, about wine county and bark beetles. <https://www.sfchronicle.com/climate/article/Wine-Country-bark-beetle-17464635.php>.

Jackson

- Staff hosted a booth at the Paul Bunyan Days Forestland Expo in Fort Bragg. Senior Environmental Scientist, Robert Douglas, brought an array of wildlife skulls and talked about life histories with the public. Edwin Diaz donned Captain Cal's costume and gave out stickers, high fives, and hugs. United States Forest Service (USFS) Hydrology Technician, Brian Storms, spoke with interested members of the public about Caspar Creek experiments.
- On September 17, 2022, Kyle Farmer, retired Forester II, Lynn Webb, USFS Hydrologist, Liz Keppeler, Anna Halligan from Trout Unlimited, and Jason Serna, Forester II, gave a tour to Forest Landowners of California. Topics covered were the Caspar Watershed studies, Multiage Stocking Assessment Model demonstration project in Hare Creek, and Hare Creek restoration project.
- An equestrian wood bridge on the proposed Sweetpea Trail began late September. Chamberlain Creek Crew #5 transported 60 pieces of wood ranging 6-12 feet in length along approximately 1.5 miles of single track for this project. The Sweetpea Trail will be placed on Jackson Demonstration State Forests' (JDSF) Recreation Maps to become an official public trail as part of a large effort in cooperation with the Mendocino Coast Cyclists to establish a trail along 3.7-miles of abandoned Road 630.

- Work continues on the Power Line Danger Tree Removal Timber Sale and mastication of the Parlin 17 fuelbreak (picture to right).
- Operations resumed on the Chamberlain TW Timber Sale. Approximately 100 loads of timber were removed for existing log decks. Timber falling, skidding, and hauling started back up during the last week of August.
- Operations resumed on the Red Tail Timber sale in late September.
- Prior to re-starting operations on the Red Tail and Chamberlain TW, staff removed trees over 48-inch diameter from harvest and marked two trees per acre for Matrix and four trees per acre for Older Forest Development Areas for permanent retention.



- Blencowe Watershed Management began input of large woody debris on the Hare Creek Mainstem Instream Habitat Enhancement Project, which will wrap up the second and final year of the project and place 185 pieces of large wood in 97 unique locations along nearly three miles of the creek. This restoration work is sponsored by Trout Unlimited North Coast Coho and Steelhead Restoration Program and funded through a grant by the California Department of Fish and Wildlife.
- The next Jackson Advisory Group meeting will be held November 15, 2022.

LaTour

- Crews from the University of Nevada Reno are collecting post-harvest data to support the Sierra Nevada Adaptive Management Experiment (AMEX).
- The Royston/Senapol 23 timber sale has been submitted for operation during the 2023 field season. The sale will cover 543 acres and generate approximately 5.4 MMBF.
- The Department of General Services will harvest the State Christmas Tree on November 1, 2022.

Mountain Home

- Forest Manager Jim Kral met with representatives from the Sequoia National Forest to discuss and plan a re-burn of the 2017 Alder Fire footprint. USFS crews have been accessing the work area from Mountain Home and will be utilizing State Forest features when the burn is implemented. Tentatively scheduled to burn late fall.
- The Old Growth Giant Sequoia post-fire inventory is now complete. Preliminary numbers suggest a mortality rate of 7%, well below the surrounding fire impacted old growth stands.
- Greg Roemer and the research team from UC Davis entered the Crystal 67 cave to check on their weather sensors and install another device.

Soquel

- The forest weather station recorded a high temperature for the period of 109.1 F on September 5, 2022. 1.86 inches of rain was recorded on September 18-19, 2022.
- Forest Manager Angela Bernheisel worked with the Swanton Pacific Ranch Fuels Management Training Coordinators and CAL FIRE staff to deliver a webinar for education and outreach to the local community about the Sulphur prescribed burn on October 25, 2022. The webinar covered the history of SDSF, planning and management of prescribed burning, environmental and California Vegetation Treatment Program (CalVTP) information and research and monitoring of prescribed burns.

Forest Entomology and Pathology

- Staff and cooperators have been monitoring dieback of numerous tree species (Acacia, eucalyptus, manzanitas, bay laurel, Monterey and Knobcone pine) in the greater San Francisco Bay Area since 2020 to determine proximal causes of death and observe the mortality trajectory. The hardwood trees and shrubs have recovered/resprouted and have shown few signs of new dieback. It is suspected that an extreme heat wave during 2020 played a crucial role in initiating mortality. Pine mortality, however, has continued into 2022, in part because outbreaks of bark beetles (mostly in the genus *Ips*) have not yet subsided.
- The goldspotted oak borer (GSOB) continues to move in Southern California. Staff and cooperators have installed long term permanent plots in GSOB infested areas within the footprints of recent wildfires to begin to understand the effects of wildfires on GSOB infestations.

- Staff are currently collecting specific information on increases or decreases of insects/disease/abiotic/animal damage for the forest pest conditions report which serves as a record of yearly pest activity in California and will be presented to the California State Board of Forestry and Fire Protection.

Forest Biometrics

- The Mountain Home Continuous Forest Inventory (CFI) remeasure, and redesign is currently in progress.

Prescribed Fire and Environmental Protection

Prescribed Fire

- The State Certified Prescribed Fire Burn Boss will have its fourth class offering for the initiation of task books on Dec 5-12, 2022. This program continues to help increase capacity needed to reach necessary pace and scale for prescribed burning in California. More information is available at [State Certified Prescribed-Fire Burn Boss \(ca.gov\)](#).
- There are currently seven State Certified Prescribed Fire Burn Bosses listed on the CAL FIRE internal training site. With at least two additional people currently in the review process.
- The Prescribed Fire Training Exchange (TRES) events held in Klamath have been very successful and continue to put prescribed fire on the landscape in the Klamath area this fall. More information is available at the Klamath TRES website: [TRES Klamath River Prescribed Fire Training Exchange — Michigan Prescribed Fire Council](#).
- The Governors Prescribed Fire Task Force sub-group for a Training Center continues to build a proposal in compliance with AB 624 which requires the State Fire Marshal, on or before July 1, 2023, to develop a proposal to establish a prescribed fire training center. The intent of developing a training center will be to build capacity and expertise in prescribed fire across California's diverse landscapes and communities.

Vegetation Management Program

- The California Vegetation Treatment Program Environmental Impact Report (CalVTP) continues to be used by CAL FIRE and other lead agencies. Currently, CAL FIRE has 12 VTPs of the 30 listed VTPs listed on the Board of Forestry and Fire Protection website from all lead agencies.
- CAL FIRE has continued to assist with messaging about use of the CalVTP through trainings and conferences with other stakeholders.
- There are currently 96 Chaparral Management Plans (VMPs) that are open for CALFIRE and various other CEQA compliant documents to increase the pace and scale of fuel reduction.

Tribal Affairs/Cultural Resources Program

- A cultural Burn Awareness Training is planned for November 10, 2022, at the Cache Creek Preserve in Woodland, CA again this year for State employees and the public. Please contact [Nancy Ullrey](#), Executive Director of Cache Creek Conservancy to sign up for the event. There is only a limited number of available slots available for this event and will be on a first come first serve basis.
- “Ca Sil Xale Dah” has been chosen as the new name for the trail that starts at the Caspar Scales Trailhead and parallels Road 500. The name was chosen by Valerie Stanley, Tribal Historic Preservation Officer and Tribal Elder, Sherwood Valley Band of Pomo Indians. The new name, “Ca Sil Xale Dah” translates from Northern Pomo to Redwood Tree Path.

Environmental Protection

- On September 30, 2022, four species of bumble bee; Franklin's Suckley cuckoo, western, and crotch bumble bees, were reinstated as candidates for listing under the California Endangered Species Act (CESA). All four species are now candidates for listing and afforded protections equivalent to a state listed species. Additionally, Franklin's bumble bee was federally listed under CESA in 2021, and Suckley cuckoo bumble bee is going through federal review as a candidate for listing. Take during candidacy for CESA listing is prohibited unless specifically allowed by the Fish and Game Commission. Take of federally listed species is prohibited. Given this, all four species of bumble bees are now considered species of special concern and should be treated as such in project development and California Environmental Quality Act (CEQA) analysis.

Wildfire Resilience

Reforestation Services Program

- Cone collections have concluded for the season with about 500 bushels being brought into the processing facility at LA Moran Reforestation Center (LAMRC). In all, this was not a significant cone season.
- Staff are finalizing 2023 seedling production orders to meet a capacity of about 250k "1-year" conifers primarily for post-fire reforestation purposes for non-industrial forest landowners.
- Seed requests are now being accepted, via an online interest form, for 2022 through the end of the year. Requests will be reviewed in batches, prioritized, and transacted before distribution to an approved commercial nursery for sowing.

California Forest Improvement Program (CFIP)

- The program continues to solicit grants on a 2-month cycle. The program remains well funded for this fiscal year.

- Cap rate adjustments as approved by the Board of Forestry and Fire Protection at the September 2022 meeting in Redding have been uploaded to the CFIP website location and are available for the October 30, 2022, cut-off for CFIP contracts. This is the second-rate adjustment of this year.

Wildfire Resilience Block Grants

- The program is making plans to offer a new solicitation for 2023, however no plans are finalized due to the unknown timing and amount of funding.
- New solicitations will focus mostly on reforestation following wildfires using the Emergency Forest Restoration Team concept.

Forest Legacy Program (FLP)

- CAL FIRE FLP submitted three projects for Fiscal Year 24 Federal Forest Legacy funding. Brushy Mountain and Perry Gulch Ranch in Mendocino County and Arrowhead Ranch Phase II in San Bernardino County.
- FLP staff are currently working on eleven projects which are under contract and are in the due diligence phase. This fall it is anticipated that we will be closing on three Conservation Easement projects: Reist Ranch in Mendocino, Silva Ranch in Sonoma, and Wagner Forest in Humboldt County.
- Lewis Ranch is a 972-acre fee title purchase by the American River Conservancy in El Dorado County that closed in September.

Climate and Energy

Climate Change

- The climate benefits of a Forest Health project in San Mateo County was featured in the California Air Resources Board's California Climate Investments October newsletter: <https://www.caclimateinvestments.ca.gov/2022-profiles/2022/forest-health>.
- Provided recommendations to the California Natural Resources Agency through the Natural and Working Lands Science Team on subject matter experts to invite to an advisory committee established by AB 1757.
- Actively working with CNRA and CARB to inform the development of a Carbon Sequestration and Climate Resiliency Project Registry as required by SB27.
- Currently modeling emissions impacts of projects completed by CAL FIRE Fuels Crews, which are funded through a GGRF appropriation.

Wildfire & Forest Resilience Task Force

- The Task Force recently published its [monthly update](#) to the Governor which includes a summary of the [Sierra Nevada Regional meeting](#).
- The Task Force's interagency science team has developed a comprehensive set of metrics and a [Sierra Regional Resource Kit](#) (RRK) aimed at helping forest collaboratives measure and map wildfire resilience, biodiversity, carbon storage, watershed health, and other key priorities. Other RRKs are planned and will be released to coincide with Task Force Regional Meetings.
- Working with the California Natural Resources Agency (CNRA) and USFS, Google.org has developed [Planscape](#) – a wildfire resilience planning tool, developed to work with the RRKs to help resource managers with prioritizing projects and treatments.
- The date for the November 2022 meeting has changed. The hybrid meeting is now scheduled for Monday, November 21, 2022 from 1-3:30 p.m. in the CA Natural Resources Building in Sacramento. [Sign up](#) for online participation. Dates and locations for 2023 Task Force meetings are available on the Meetings page of the [Task Force website](#).

Forest Health Program

- Forest Health Program is planning for a grant solicitation launch this quarter. Draft guidelines will be released to the public next month.
- Tribal Wildfire Resilience and Post-fire Reforestation and Regeneration funding will be offered in addition to the standard Forest Health Greenhouse Gas Reduction Fund (GGRF) in the upcoming Forest Health solicitation.
- Forest Health program staff will be conducting upcoming grant solicitation outreach this month in Irvine at the Southern California Wildfire Resilience Convening and in Eureka at the Private Forest Landowner Workshop: Accessing Grant Funds for Wildfire Resilience and Fuels Management Projects.
- Program participated in a full day, in person convening of Southern California Regional Forest and Fire Capacity partners.

Wood Products and Bioenergy

- Announced new awards of \$6.4 million to business and workforce development projects.
- Received 30 new grant applications on the September 30, 2022, deadline. The total requested is \$40M in business and workforce development.
- Collaborated with Urban Forestry to present career pathways to formerly incarcerated at a Forestry and Fire Recruitment Program event on September 13, 2022.

Fire Protection

Fire Protection Program

Law Enforcement/Civil Cost Recovery

- Through September 2022, CAL FIRE has made a total of 141 arson arrests. For comparison, the total number of arson arrests in 2021 was 149.

Fire Protection Operations

- The Governor's Office, the Department of Finance, and the Legislature have approved additional funding of \$42.8 million in 2022-23 to: (1) keep all engines, air attack, and helitack fully staffed until December 25, 2022.

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

- AMU provided United Rotorcraft (UR) with four purchase orders for additional S70i's.
- AMU has recently returned in CAL FIRE #10 after completing the acceptance inspection at UR in Englewood, CO. CAL FIRE has 10 S70i's in California and is scheduled to accept CAL FIRE #11 in 4th quarter 2022 and CAL FIRE #12 in 2nd quarter 2023.
- AMU has been working with TAO, Regions, Units and Bases on the contract extensions and some down staffing of the Exclusive Use (EU) and Call-When-Needed (CWN) aerial assets potentially around the end of the month. We have also been in discussions on identifying CAL FIRE assets for annual maintenance induction.
- AMU has acquired through the Federal Excess Property Program, 4 additional OV-10's being retired from their work at NASA along with an inventory of aircraft related parts and support equipment. The OV-10D's arrived Monday October 10th. The OV-10A's were disassembled and transferred to AMU by ground transportation.
- AMU and TAO hosted a group of individuals from:
 - New South Wales Rural Fire Service October 16-19, 2022.
 - A delegation from Taiwan on October 24, 2022.
- The next two CAL FIRE bases from Alma (Santa Clara Unit) and Prado (San Bernadino Unit) are on target to begin their transition training to the CAL FIRE HAWK on October 31, 2022.

Cooperative Fire Program

State and Federal Programs

- 2023 California Master Cooperative Wildland Fire Management and Stafford Act Response Agreement (CFMA) talks have begun with the federal forest agencies. This agreement allows all participating agencies to share and bill for equipment, personnel, training, and other necessary resources.
- There have been three additional Fire Management Assistance Grants (FMAG) this season for a total of five including the Fairview Incident in Riverside County, Mill Incidents in Siskiyou County, and the Mosquito in El Dorado/Placer Counties. Fact Sheets received and distributed to all agencies for these incidents.
- CAL FIRE and New South Wales MOU has been completed. This agreement will allow collaboration and the mutual exchange of wildland fire management and prevention practices, technologies, and research. The establishment of this relationship will further increase operational capacity and capability, enhance protection, and reduce the loss of life, property, and natural resources.

Local Government Program

- Over the past eight months, the Cooperative Fire Local Government Program developed a department-wide dispatch agreement costing methodology. The methodology assists Units by providing an option for determining dispatch costs for cooperators. This updated methodology utilizes department policy and national standards.

Camps and Crews Program

- The current statewide strength of Type I Hand Crews is 131 of the 227 funded. 62 California Department of Corrections and Rehabilitation (CDCR) crews staffed out of a total of 152 funded, 26 California Conservation Corps (CCC) Crews staffed out of 30 funded, 30 of the 32 funded CAL FIRE Firefighter I Crews and 13 of the funded 13 California National Guard Crews.
- The current CDCR inmate crew strength is 896 inmates out of the allocated 2584, leaving the Conservation Camp Program with a shortage of 1688 inmates. The total CDCR Camp population is at 54% with a crew capacity of 35%.
- CDCR has begun moving forward with the following plan for the closure of the California Correctional Center (CCC) in Susanville. All inmates that were eligible for the Conservation Camp Program started transferring on October 3, 2022, to the Sierra Conservation Center (SCC), which assumed responsibility for camps previously under CCC as of October 10, 2022. Inmates currently in Forest Fire Training at CCC will finish prior to transferring, and inmates currently in Physical Fitness Training will finish that phase prior to transferring to SCC. The plan is to have all CCC inmates moved by November 7, 2022.

Safety/EMS Program

- The EMS Program in coordination with the Defensible Space Program is consolidating the iPads of each program into a single CAL FIRE iPad. The Units have begun this transition with a completion date of December 1, 2022. This will result in hardware and cellular connection savings as well as operational efficiencies for the engine crews.
- The EMS Program is putting together an implementation plan to pilot CALePCR (electronic patient care report) in two Units with Basic Life Support level Schedule A contracts. This pilot will work out any hurdles with adding Schedule A contracts to CALePCR.
- The Safety Program has updated the wildland jacket specification. Changes include a return to color in the shoulder patches and the use of Comfort Trim reflective by 3M. Salt Creek Conservation Camp and Cuesta Conservation Camp began silk-screening jackets with color on the shoulders on October 4, 2022 and will be able to handle all silk-screening demands. All current wildland jackets remain in service and do not need to be replaced.
- A memo with corresponding documentation is being created to outline the changes related to Cal/OSHA's adoption of the regulations covering the selection care, and maintenance of PPE. Policy changes and Injury and Illness Prevention Program (IIPP) component updates are in the approval process. It is likely that this regulation will take effect on January 1, 2023.
- The Safety Program has ordered the Heavy Fire Equipment Operator (HFEO) helmets for all HFEOs that are not part of the current wear trial.

Training Program

- Cooperative Fire Protection is in the process of splitting the Statewide Training Program, establishing a Forestry and Fire Protection Administrator (Staff Chief) for the Statewide Training Program. The current Statewide Training Program Chief, Cat Frazer, will retain Training Center oversight and responsibilities.
- The Training Center is working quickly towards establishing a third temporary Training Center in the Northern Region (Redding) – Training Center North. This will support the increasing Firefighter Academy and Company Officer Academy training numbers we are currently seeing and anticipate continuing to see in future years.
- The Heavy Fire Equipment Operator Academy proposal (11-week) has been provided to the Executive Team and Labor Relations Office (Local 2881) for review and approval.
- The Curriculum Development Division is in progress of a full rewrite of the 4000 Training Handbook, with anticipation to be completed during Summer 2023. They are also focusing on the Emergency Command Center Academy course plan, with a full rewrite anticipated completion in 2023, and to be taught in 2024.

- The Joint Apprenticeship Committee (SubJAC) meeting occurred on October 27, 2022.
- The next Statewide Training Committee meeting is November 17, 2022.

Office of the State Fire Marshal

Community Wildfire Preparedness and Mitigation Division

- The Community Wildfire Preparedness and Mitigation (CWPM) division has started hosting public Webinars to highlight the programs within the division. The first webinar in the series was held on our Wildfire Prevention Grants program, with 225 attendees. The webinar can be viewed on the Office of the State Fire Marshal's YouTube channel, located [here](#). To find out more about our Webinar series, visit our [CWPM website](#).

Land Use Planning

- Land Use Planning/Safety Elements:
 - Staff have been actively engaged in numerous statewide projects of interest including working with Cal OES on the State Hazard Mitigation Plan, working with Office of Planning and Research (OPR) on the Wildfire Plan Alignment Guide and developing training for local planners on Land Use Planning for Wildfires.
- Subdivision Review:
 - Surveys recently completed in LA County and Sonoma County, approx. 100 subdivision surveys will be up for review and approval by the BOF in November. Work continues in several areas, including El Dorado and Fresno Counties. Staff continue to collaborate with the local agency on recommendations to improve fire safety.
- Fire Safe Regulations:
 - We are currently developing some training webinars for CAL FIRE and Contract County staff on interpreting and enforcing the regulations.
- Firewise USA:
 - California continues to lead the nation with 590 National Fire Protection Association (NFPA) Firewise USA Communities in good standing, equating to over 25% of all NFPA Firewise USA Communities nationwide. Staff are fielding lots of inquiries statewide as interest in the program continues to grow. We will likely surpass the 600 mark within the next month or so.

Wildfire Prevention Grants

- Anticipate opening the next solicitation period in early November 2022. Staff are still working to determine the exact opening and closing dates.

Pre-Fire Planning

- Developing Fire Hazard Severity Zone training for Units and Contract Counties on procedures to conduct PRC-required public comment hearing, these will start on November 7, 2022. Public hearings (one in each SRA county) will start December 15, 2022, thru the end of January 2023.
- Monthly training is being scheduled for this winter for Pre-Fire Engineer (PFE) engagement on State Responsibility Areas (SRA), Direct Protection Areas (DPA), Unit Fire Plans, and fire perimeter/ignition validations.
- The annual Pre-Fire training is being scheduled for early spring 2023.
- Updates/improvements to the Pre-Fire Planning (Fire Plan) intranet page continue, we have been supporting several adjacent programs with our new staff and student/intern workforce. This includes developing new Camp/Crew/Facility maps, Local Contract maps, Radio Call Plan maps, CalMAPPER/AVL maps, and Legislative maps, all being posted to their Program intranet webpages.
- Work is being done to resurrect Community Wildfire Protection Plans (CWPP) data that had been hosted on now unsupported webpages (outside of CAL FIREs network). Similar efforts will begin for federally designated “Communities at Risk”.
- Completed annual Quality Assurance/Quality Control (QA/QC) of CalMAPPER data. Fiscal year acre reports have been updated, FY 21-22 projects and acres updated in the public viewer.

Efforts to roll out a ‘CalMAPPER Mobile’ app to improve field data collection is expected to rollout later this winter or early spring.

California Incident Data and Statistics

- Made changes to CALFIRS that will allow specific users to view messages sent between other people which will facilitate timely completion and review of reports.
- Made changes in CALFIRS to Utility Ignitions to capture more specific Electrical Power cause data and to better align with the California Public Utilities Commission (CPUC) data.
- Completed uploading California's 2021 National Association of State Forester fire occurrence ignition data and working with them to get data uploaded into their new InFORM system. The new system will allow us to continue sharing our data using the new process that they plan to implement in future years.
- Working with Fire Protection, IT, and the San Diego Unit with making necessary changes to CALFIRS and other programs that will be affected by the transition of their three-letter designator changing from MVU to SDU.

- Creating a quarterly newsletter that will focus on tips, tricks, and updates on CALFIRS. Created a feedback form (survey) to capture improvements wanted or questions from the field.
- Working with the EMS program on creating a Technical Advisory AdHoc group to collaborate on improving the ImageTrend product for both of programs. First meeting will be in November 2022.
- Began sending quarterly CALFIRS Incomplete List to the Units to better assist with getting the calendar year's incidents done by the February 1st deadline of the following year.
- The 2021 National Fire Incident Reporting System (NFIRS) data to be included in the NFIRS 2021 Public Data Release for CA fire departments deadline was last month. These annual files are placed in the public domain by US Fire Administration for awareness and use in research and decision-making about fire departments' emergency activities in the United States.
- CA-NFIRS data for 2021 as of the deadline:
 - Total Incidents = 3,381,188 (up by 386,000 incidents).
 - Total number of participating fire departments = 570 (up 20 from last year).

Wildfire Preparedness

- Damage Inspection
 - This calendar year we have had over 3,019 structures impacted by wildfire.
 - 2,139 structures survived with no damage.
 - 880 structures were damaged or destroyed.
 - Of these, 508 single family residences have been destroyed by wildfire statewide this calendar year to-date.
- Burn Permits
 - The statewide electronic Burn Permit application is undergoing its final stages of testing.
 - Policy and Procedures are being drafted now for the anticipated roll out of the new app.
- Defensible Space
 - The Department has completed over 182,000 D-Space inspections during this calendar year. This is 16,000 more than the Department had completed by this same time last year, with the increase being attributed to increased funding and permanent staffing.
 - This number does not include over 122,400 inspections from the Contract Counties.

Utility Wildfire Mitigation

- Hired Utility Fire Mitigation Battalion Chief position, started October 10, 2022.
- Developed a Utility Wildfire Mitigation Program website under CWPM; provides a program description, program contacts, information on Public Resource Codes 4292/4293, powerline fire prevention field guide, resource links to various utility fire prevention agencies, WMPs, etc.
- Issued all CAL FIRE units with newly updated Powerline Fire Prevention Pocket Guides.
- Site visit with PG&E and local Shasta-Trinity Unit (SHU) for reviewing 13 LE-38a violations for approximately 80 identified hazard trees (leaning trees).
- Wildfire Mitigation Plans (WMPs) – continuing to assist the Office of Energy Infrastructure Safety in the review of the 2022 WMP's.
- Energy Safety released Draft 2023-2025 WMP guidelines for review and comments.

Technology and Innovation

- Deployed a network of gas and smoke sensors for R&D purposes in Jackson Demonstration State Forest yielding invaluable real-world insights and providing ongoing monitoring information. RDI would like to thank the JDSF team and the Mendocino Unit (MEU) forestry team at Fort Bragg for all their assistance and support.
- Development underway of an electronic aircraft tracking map and utility for Intel, ultimately replacing wall and manual magnets, with several additional features and efficiency improvements planned.
- The program recently completed development of Twitter analysis applications for the Communications program, including a timeline of tweets for an incident and analysis of trends as they evolve.

CALENDAR YEAR 2022
TIMBER HARVESTING INFORMATION THROUGH October 20, 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	101	129	55	41	1	3	13	5	170	178
THPs Returned	36	52	21	8	1	1	6	3	64	64
THPs Pre-Harvest Inspections	103	106	42	35	0	2	11	4	156	147
THPs with NON-Concurrence	0	0	0	0	0	0	0	0	0	0
THPs Denied	0	1	0	0	0	0	0	0	0	1
THPs Approved	100	101	51	31	1	3	12	6	164	141
THP Approved Acres	25,254	29,537	28,195	13,435	25	29	5,249	1,091	58,723	44,091

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
NTMPs Received	3	6	5	1	0	0	0	1	8	8
NTMPs Returned	1	4	4	0	0	0	0	1	5	5
NTMPs Pre-Harvest Inspections	4	4	5	1	0	0	1	1	10	6
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	4	2	3	1	0	0	0	0	7	3
NTMP Approved Acres	474	376	474	617	0	0	0	0	947	993
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTOs Received	69	105	7	3	0	0	3	4	79	112

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 October 20, 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 October 20, 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)	218	1,269,757	162	880,056
		Coast (Santa Rosa)	55	406,145	58	440,326
		Riverside (South)	1	4	1	240
		Sierra (Fresno)	43	57,736	42	80,915
		Totals	317	1,733,642	263	1,401,537
1038(a)&(b)	10% Dead, Dying or Diseased Fuelwood or Split Products	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038.6 (03/2019)	Butte Post Fire Recovery	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(a) (03/2019)	Christmas Trees	Cascade (Redding)	16	292,768	12	280,490
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	1	14	1	14
		Totals	17	292,782	13	280,504
1038(k)	Drought Mortality	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
	Drought Mortality and Unmerchantable Sawlog v2019	Cascade (Redding)	19	5,482	74	62,972
		Coast (Santa Rosa)	1	7	6	4,557
		Riverside (South)				
		Sierra (Fresno)	78	3,365	16	1,659
		Totals	98	8,854	96	69,188
1038(j)	Forest Fire Prevention PILOT Project	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(i)	Forest Fire Prevention Project	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0

California Forest Practice Rules - Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through October 20, 2022

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)	18	2,100	18	1,594
		Coast (Santa Rosa)	25	1,192	38	2,257
		Riverside (South)	1	267	2	328
		Sierra (Fresno)	2	98	1	132
		Totals	46	3,657	59	4,311
1104.1(a)	Less than 3 Acre Conversion	Cascade (Redding)	157	244	92	205
		Coast (Santa Rosa)	63	124	54	115
		Riverside (South)			1	0
		Sierra (Fresno)	26	33	28	32
		Totals	246	401	175	352
1038(l)	Oak Woodland Management (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(e) (03/2019)	Oak Woodland Management v2019	Cascade (Redding)				
		Coast (Santa Rosa)	9	83	12	198
		Riverside (South)				
		Sierra (Fresno)				
		Totals	9	83	12	198
1038(m)	Post Fire Recovery (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038.5 (03/2019)	Post Fire Recovery v2019	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
	Post Fire Recovery v2020	Cascade (Redding)	19	212	14	18
		Coast (Santa Rosa)	28	173	11	70
		Riverside (South)				
		Sierra (Fresno)	13	39	20	125
		Totals	60	424	45	213
1104.1(b)&(c)	Public / Private Utility Right-of-Way	Cascade (Redding)	28	265,742	36	932,532
		Coast (Santa Rosa)	51	9,346	36	1,990
		Riverside (South)	2	1,420		
		Sierra (Fresno)	18	10,727	36	29,920
		Totals	99	287,235	108	964,442

California Forest Practice Rules - Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through October 20, 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)	1	30	2	69
		Coast (Santa Rosa)	1	39		
		Riverside (South)				
		Sierra (Fresno)				
		Totals	2	69	2	69
1038(c)	Structure Protection (0 to 150 feet)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(c) (03/2019)	Structure Protection (0 to 150 feet) v2019	Cascade (Redding)	158	533	87	227
		Coast (Santa Rosa)	114	261	131	418
		Riverside (South)				
		Sierra (Fresno)	40	286	5	7
		Totals	312	1,080	223	652
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)				
		Totals	0	0	0	0
1038(c)(6) (03/2019)	Structure Protection (150 to 300 feet) v2019	Cascade (Redding)	11	45	5	39
		Coast (Santa Rosa)	31	121	46	176
		Riverside (South)				
		Sierra (Fresno)	3	9	1	1
		Totals	45	175	52	216
1038(d)	Substantially Damaged Unmerchantable Sawlog	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(g)	Woody Debris and Slash Removal	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
	All Exemptions	Grand Total	1,251	2,328,402	1,048	2,721,682

Type of 1052 Emergency Notice		2021		2022				
		Admin Area	Number of Plans	Acres	Number of Plans	Acres		
Notice of Emergency Timber Operations		Cascade (Redding)	191	46,708	164	65,487		
		Coast (Santa Rosa)	159	14,267	32	2,431		
		Riverside (South)						
		Sierra (Fresno)	47	4,363	59	17,059		
		Totals	397	65,338	255	84,977		
<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)	5	2,632	11	1,540
				Coast (Santa Rosa)				
				Riverside (South)				
				Sierra (Fresno)	3	246		
				Totals	8	2,878	11	1,540
		Fire		Cascade (Redding)	184	44,749	153	63,906
				Coast (Santa Rosa)	154	13,412	29	2,181
				Riverside (South)				
				Sierra (Fresno)	40	3,952	27	5,882
				Totals	378	62,113	209	71,969
		Insects		Cascade (Redding)	11	3,842	15	4,324
				Coast (Santa Rosa)	8	588	1	144
				Riverside (South)				
				Sierra (Fresno)	6	443	5	2,602
				Totals	25	4,873	21	7,070
		*Others		Cascade (Redding)	226	70,012	206	91,345
Coast (Santa Rosa)	26			1,752	39	2,870		
Riverside (South)								
Sierra (Fresno)	13			1,038	18	7,117		
Totals	265			72,802	263	101,332		
Fuel Hazard Reduction (RM65)		Cascade (Redding)	7	251	5	1,641		
		Coast (Santa Rosa)			2	89		
		Riverside (South)						
		Sierra (Fresno)			2	161		
		Totals	7	251	9	1,891		
Fuel Hazard Reduction		Cascade (Redding)						
		Coast (Santa Rosa)						
		Riverside (South)						
		Sierra (Fresno)						
		Totals	0	0	0	0		
Sudden Oak Death Disease		Cascade (Redding)						
		Coast (Santa Rosa)						
		Riverside (South)						
		Sierra (Fresno)						
		Totals	0	0	0	0		