



Director's Report to the Board of Forestry and Fire Protection



December 2020

Resource Management

Forest Practice Program

Plan Submissions (through 11/30/2020)

- **THP Submissions:** The number of THP submissions through November 30, 2020 was six (6) less than the number of submissions through November 30 of last year (204 compared to 210 in 2019).
- **NTMP/WFMP Submissions:** The total number of NTMP submissions through November 30, 2020, was 6 less than the number of submissions through November 30, 2019, (9 compared to 15 in 2019). 84 Notices of Timber Operations have been submitted thus far this year compared to 76 for the same period in 2019. Zero (0) Working Forest Management Plans have been submitted thus far in 2020.
- **Exemption Notice Submissions:** There were 1,653 exemption submissions through November 30, 2020, compared to 2,124 through November 30, 2019; a decrease of approximately 22%. 228 Post-Fire Recovery Exemptions have been accepted covering approximately 399 acres. 57 Forest Fire Prevention Exemptions were accepted for approximately 6,017 acres. 286 Utility Right-of-Way Exemptions have been accepted through November 30, covering approximately 440,904 acres.
- **Emergency Notice Submissions:** Emergency Notice submissions were approximately 12% lower through November 30, 2020 than submissions over the same period last year (184 compared to 208 in 2019). However, acreage in Emergencies through November 30, 2020, was approximately 54% higher than the acreage for the same period last year (47,843 acres compared to 31,106 in 2019).
- **Plan Approval:** The number of THPs approved through November 30, 2020, was 4 less than the number approved for the same period of 2019 (209 compared to 213 in 2019). The 11 NTMPs approved was the same number approved during the same period of 2019.

Watershed Protection Program Update

- Ten (10) Watershed Emergency Response Team (WERT) reports have been completed and are posted on the Cal OES Max.gov site for distribution to local agencies. The limited scope WERT report for the Silverado and Blue Ridge fires is in preparation.
- A paper co-authored by Watershed Protection Program staff on post-fire flood flow prediction with San Diego State University professor Alicia Kinoshita, her graduate student Brent Wilder, and CGS has been accepted for publication by Hydrological Processes.

- Staff along with staff from the US Army Corps of Engineers, provided a PowerPoint presentation on the Silver Jackets Flood After Fire Toolkit for the DWR Watershed Academy on November 17.
- Staff is working on the 2020 Exemption Notice monitoring report addressing 1038(c) 0-150-foot fire structure protection Exemptions. CAL FIRE's Monitoring Specialists are currently conducting field evaluations of 1038(c)(6) 150-300-foot fire structure protection Exemptions.
- Staff is working on a salvage logging guidance document based on work conducted on Boggs Mountain Demonstration State Forest as part of the post-fire runoff and erosion study.
- Staff has conducted a GIS analysis of marbled murrelet habitat impacted by the CZU Lightning Complex that indicates approximately 34% of the fire area is designated as Critical Habitat for murrelet. A similar GIS analysis completed for NSO statewide activity centers indicates approximately 12% have been in some way affected by fire, approximately 10% of which occur on federal lands.

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

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

Table 1: LTO License Status

Status	#
New Applications Rec'd	27
Renewal Applications Rec'd	150
New Licenses Issued	19
Licenses Renewed	74
Incomplete Applications Rec'd	79
Applications Returned	10
Refunds Issued	0
Insurance Certificates Rec'd	62
Total Valid LTOs	1,468

Table 2: Active Civil Penalties Case Status

Status	# of Cases
Under Review	5
Developed for Signature	16
CPO Signed, Mailed, Served	17
Hearing(s) to be Scheduled	7
Settlement Mitigation	4
Payments	18
Probation	2
Judgement Needed	10
Final Order/Default	11
Total	90

Table 3: Forest Practice Civil Penalty Collection

Case Status	# of Cases	Amount Collected	Total Amount Due
Adjudicated	13	\$112,450	\$135,800
Default	18	\$220,635	\$265,800
Paid per CPO	9	\$98,000	\$98,000
Settled	66	\$536,645	\$600,905
Totals	106	\$944,795	\$1,100,505

Forest Practice Enforcement Program penalty collection from January 1, 2016 to November 30, 2020. Adjudicated are cases that were decided by hearing. The difference in Amount Collected and Total Amount Due indicates respondent is making payments or a judgement is needed. Penalties collected are deposited in the State's General Fund per (PRC§4601.1(d)).

Resource Protection and Improvement Programs

Urban and Community Forestry

- The California Urban Forestry Advisory Committee (CUFAC) is accepting nominations for several positions. Details and the nomination form can be found [here](#) by scrolling down to the CUFAC section.
- The program is in the process of awarding \$7.2 million in bond funding that was re-appropriated from 4 different bonds. These funds are being used to fund high quality projects that went unfunded in the previous grant cycle. The program expects to fund 11 such projects.

Demonstration State Forests

Boggs and Las Posadas

- The Calso Camp campground was closed in late August due to high fire danger and resource drawdown. Boggs remains open for hiking, biking, and equestrian use accessed from the main gate at Forestry Office.
- Significant tree mortality has occurred throughout Las Posadas over the late summer most likely resulting from prolonged drought.
- The public parking area on the Pacific Union College (PUC) land adjacent to Las Posadas Experimental forest has been completed and is open to the public.

Jackson

- Jackson staff time committed to fire assignments in 2020 has totaled 752 days. That commitment is equivalent to 2.89 years of full-time work.
- The Trestle Trail and Road 730 was posted closed for winter due to the presence of Sudden Oak Death. Even with the closures it is moving downstream of the NFSF Noyo River and upstream Thompson Gulch.
- Due to wet weather, operations on the Parlin Timber Sale have temporarily ceased until after the Thanksgiving holiday. For the year, approximately 3.8 MMBF has been delivered with a value of \$1.4 million.
- Operations on the Bear Gulch #2 Timber Sale have also ended for the year due to rain. The timber sale should be completed by May of 2021. In 2020, the purchaser received about 3.3 MMBF of timber with a value of \$2.3 million.

Soquel

- A contract is being initiated with the Amah Mutsun Land Trust Stewardship Corps to assist with the Sulphur Springs Prescribed Burn Education/Demonstration Program. The Amah Mutsun will provide cultural consultation beyond traditional sites and artifacts, assist in burn plot preparation, and assist in prescribed fire operations.
- The Forest Manager coordinated with several landowners for American Forests to fund the growing of redwood seedlings at the L.A. Moran Reforestation Center to replant acreage burned in the CZU Lightning Complex. The ongoing coordination and eventual distribution of seedlings will be coordinated by the Santa Cruz Resource Conservation District.

- Researchers from the University of California at Davis School of Veterinary Medicine, who work in the lab of Professor Janet Foley, scouted areas in the forest to define a study on tick borne diseases. This lab has been conducting research on blood borne pathogens at the forest since 2009.
- Mountain biking continues to be extremely popular, drawing larger numbers of visitors than have ever been seen at the forest, especially on the weekends.

LaTour

- The Royston 2020 TSA completed all harvest operations on October 21 generating \$969,107 in revenue from 4.673 MMBF. 1236 green tons (814-Bone Dry Tons) of top piles have been shipped off the forest for electric power generation
- The Capital Christmas Tree was harvested on November 3 and transported to Sacramento on the November 4. This year's selection was a 70-foot-tall white fir, with a DBH of 24 inches. The tree was 70 years old.



Figure 1. The Capital Christmas Tree being installed on November 4.

Mountain Home

- Jim Kral met with and provided a tour for County Supervisor Dennis Townsend and other members of the Tulare County government on November 6 to discuss the closure of the State Forest and County Park. Letters of public concern that the forest will be closed have been received by the Unit and local officials.
- The two previously approved Notices of Emergency Timber Operations have been withdrawn as the areas are no longer accessible due to snow and poor road conditions. No operations occurred prior to withdrawal.
- A third Notice of Emergency Timber Operations for areas adjacent to paved County maintained roads that are the sole access to the forest and Balch Park has been submitted to remove hazard trees.
- Up to 16 inches of snow blanketed the forest on November 8.
- The donation of the 280-acre Kemp property has been finalized. These lands burned at high intensity in the Castle Fire and will be incorporated into the reforestation plans.

Forest Entomology and Pathology Program

- The California Forest Pest Council had its 2020 meeting in a virtual format with over 150 people attending.

- Treatments were completed for the EU1 strain of *Phytophthora ramorum* (cause of sudden oak death) in Del Norte County. These included removal of host trees in a 21-acre block around the eleven infected trees detected in late summer and disposal of treated trees that could be hazardous to State Route 197 in an air curtain burner. Project cooperators included CAL FIRE, Caltrans, University of the California, and the County of Del Norte.
- CAL FIRE staff is working with the US Forest Service and UC Cooperative Extension on establishing plots to determine the spread and rate of mortality for trees infested with Mediterranean Oak Borer.
- Blackwood acacia trees have been dying in the greater Bay Area centered in Oakland. Trees show indications of cankering of branches and trunks. Initial isolations have found an invasive fungus previously only known from the San Diego area. Tests are ongoing to determine the pathogenicity of the fungus and whether it is the cause of the mortality and dieback.

Forest Biometrics Program

- The Biometrics Program will be working with Demonstration State Forests and Forest Entomology and Pathology Programs to design and implement a sampling/tracking methodology to capture the current inventory and stand dynamics at Mountain Home Demonstration State Forest in response to the recent fire. A re-inventory of the impacted Old Growth stands to assess losses will be part of that plan.

Lewis A. Moran Reforestation Center (LAMRC)

- LAMRC continues to process seed received this season. All cones received have completed initial tumbling (extraction of seed from cone). Current processing includes de-winging, air separation, and when needed hand-cleaning prior to storage in the Seed Bank freezer.
- For the 2021 sowing/growing season LAMRC will be sowing sufficient seed for a gross production of 265,000 seedlings. Taking into consideration germination, mortality, grading (unacceptable seedling quality), and other biotic and abiotic factors the net production target is approximately 220,000 seedlings. The gross production of 265,000 seedlings is the maximum the LAMRC Nursery can currently grow given its present infrastructure.
- LAMRC recently revised its CAL FIRE webpage to include an “Interest Form” to allow potential customers to contact LAMRC about seed and seedling availability. The form is linked [here](#).

California Forest Improvement Program (CFIP)

- The CFIP 4th and final Prop 68 Funding cycle was extended due to most staff being assigned to fires beginning in June. The staff has returned from fire assignments and the remaining CFIP Prop 68 Funds will be encumbered by mid-December.

- The 2017 TRFRF/HSRA CFIP Grants expire at the end of February 2021. The staff is in the process of completing the close-out packages for these Grants so that Grants Management Unit can liquidate the two funds by 06/30/2021.

Forest Legacy Program (FLP)

- Federal FLP Travis Ranch CE ranked well for FY 2021 and funding will depend on a budget approved by Congress.
- November 23-24 the Federal Review Panel reviewed the three FLP projects that CAL FIRE submitted this year for Fiscal Year 2022. Shackelford out of Siskiyou County, Trinity Timberlands out of Trinity County, and Brushy Mt. Out of Mendocino County. Results are awaited.
- There are several open federal and state funding projects. Whiskey Forest CE is a California Climate Investments (CCI) project that is likely to close by the end of the year. Mailliard CE is a federally funded project which is set to close by early 2021.

Prescribed Fire Program

- The new online CAL FIRE burn permit process is moving forward on schedule.
- Approximately half of the Units have a “permit required” for burn status and the other half still have “burning suspended”. Only four counties are allowing burns with no permit currently. [Burn Permit Status Link](#).
- The program is working with The Nature Conservancy to fund a feasibility study for a prescribed fire insurance claim pool for California. The insurance pool will allow for additional burners to get insurance coverage for prescribed fire projects.

Environmental Protection Program

- The CEQA curriculum development cadre is creating an extensive program for the new training planned for November of 2021. The curriculum will cover CEQA basics and dive into CEQA on how it applies to projects, feasibility of a project, the types of documents, required project analysis, cultural resources, and the VMP and CalVTP programs.
- The CLFA Initial 5-day Archaeological courses have been announced for spring and fall of 2021. There is limited space available. Classes are filling up fast.

Climate and Energy Programs

- The Forest Health (FH) Program has two new Area Foresters. Nochella Funes will be taking over the administration of FH Grants in Northern CA and Ryan Wimmer will be responsible for Southern CA. They will both be starting duties in December. The third Forest Health Forester, Robin Bellows, who is responsible for FH Grants in the Sierra Nevada region, is also returning in December after successful completion of the Firefighter Academy at the Ben Clarke Training Center.
- The Forest Health Program is currently working with grantees affected by COVID and the recent fire siege to amend grant agreements as needed. Some affected projects will receive

minor time extensions to accommodate delays and all will need changes to the Scope of Work. At least 15 grant agreements are expected to be affected.

- The newly staffed Wood Products and Bioenergy Program has started meeting with stakeholders and working groups.

Fire and Resource Assessment Program (FRAP)

- FRAP is in the process of submitting an update to the Forest Action Plan to the USDA Forest Service (Region 5) by the end of December. This update meets federal requirements under the Forestry Title of the Farm Bill.
- The Department has recently signed a Memorandum of Understanding with UC Berkeley's Center for Fire and Outreach to formalize collaboration in key fire research areas for California. It is expected that the MOU will result in a set of research projects conducted under shared direction and address emerging fire issues ranging from climate and tree mortality influence on large damaging fires, to impacts of management and land use on fire hazard and risk. A detailed Scope of Work on 2021-2023 research projects is in development.
- Model development continues to refine fire climate data into subcomponents of hazard influencing large, high intensity fires that dominate losses to WUI environments. A revised schedule has been released, targeting completion of State Responsibility Area (SRA) Fire Hazard Severity Zone (FHSZ) maps by Summer 2021, with Local Responsibility Area (LRA) Very High Recommended Zones following.

Fire Protection

Fire Protection Program

Law Enforcement/Civil Cost Recovery

- During the month of October, CAL FIRE Law Enforcement officers made 20 arrests and issued 36 citations (non-4291).
- CAL FIRE Civil Cost Recovery received \$846,550 in recovered fire suppression costs for the month.
- On October 13, 2020, at approximately 4:55 PM, CAL FIRE responded to a wildland fire in the unincorporated community of Warner Springs, in San Diego county. Officers from CAL FIRE investigated the fire and determined it was caused by a vehicle driving off-road. CHP officers at scene conducted a sobriety test of the driver and determined she was intoxicated. The suspect was arrested and booked into the Los Colinas Detention Facility on one felony count of recklessly causing fire to forest land, one misdemeanor count of CVC (a), DUI, and one misdemeanor count of CVC (b) .08 or greater.
- On October 21, 2020, units in the Riverside Unit responded to the report of a structure fire in the City of Wildomar. When units arrived, they found an outside fire which had started to burn the structure. CAL FIRE law enforcement arrived and conducted an investigation. During the investigation, they determined the resident was being evicted and the resident made statements to fire personnel that he started the fire. CAL FIRE officers located multiple fires. After completing the investigation, the suspect was

placed under arrest for six (6) counts of arson, six (6) counts of arson during a declared state of emergency, two (2) counts of illegal burning, and transported him to the county jail.

- On October 25, 2020, CAL FIRE units in Shasta county responded to multiple wildland fires. The Dersch Fire burned 133 acres and destroyed several structures. CAL FIRE law enforcement officers investigated and determined that two subjects were in a domestic dispute, and a vehicle on the property had been set on fire. The fire quickly extended to nearby vegetation where it spread rapidly under strong north winds.

After completing the investigation, CAL FIRE officers determined that a 29-year-old man allegedly set fire to the vehicle. He was arrested by sheriff's deputies on domestic violence related charges and booked at the Shasta County Jail. CAL FIRE officers will be recommending arson related charges be filed with the Shasta County District Attorney's Office.

- On that same day as the above incident, CAL FIRE units in Shasta county also responded to the Bailey Fire on Long Hay Flat Road east of the community of Shingletown. CAL FIRE law enforcement officers responded to the fire and determined there to be five separate fires which were arson caused. The officers identified a suspect based on the investigation and attempted to contact the 36-year old male suspect who became uncooperative. The officers were able to take the suspect into custody and booked him into the county jail on five counts of arson and resisting arrest.

Fire Protection Operations

- Automatic Vehicle Location (AVL) Staff is working on the enhancement and purchase of computers for Mobile Communications Center (MCC) vehicles that will allow AVL displays to be installed and available for use on major incidents. This will allow Incident Communication Unit personnel to be able to maintain accountability of incident resources. Staff is also working with Information Technology on the Fire Map enhancement which would allow resources on a major incident to have a fire map/incident map as a layer on their AVL/ Mobile Data Terminal (MDT).
- Implementation of the Technosylva Wildfire Analyst program (as a result of the RFI2 procurement sprint) has allowed CAL FIRE to have access to dashboards that include Weather, Live Fuel Moisture, hotspots, risk by Unit, and current incidents by Unit, as well as predictive modeling and a tactical use tool that will benefit the Department and may be an alternative to utilizing other common operating systems.
- Currently there are 110 ALERTWildfire Cameras online and displaying a CAL FIRE logo. CAL FIRE has been given primary camera control for the entire camera network (620 cameras total). If a person has been granted access to move the camera, we have overriding authority to position the cameras as needed for responder and public safety. UCSD has some additional funds that will be used for the purchase and installation of more CAL FIRE cameras. Our relationship with the principal managers of ALERTWildfire continues to grow and benefit the field, the Department, and the citizens of the State.
- The Fire Danger Operating Plan (FDOP) National Fire Danger Rating System (NFDRS) transition for CAL FIRE and Region 5 will not make the Federally requested January 2021 deadline. We have notified the NFDRS transition lead. The next milestone will be to have dispatch levels updated / revised by the end of March 2021, with a working Unit FDOP draft by May 1, 2021, and a Final Unit FDOP by November 1, 2021. The current

Weather Information Management System (WIMS) and NFDRS system will go offline January 1, 2022. There are no funds available at the national level to keep the current system running past January 2022. COVID-19 has been the main issue preventing completion of the transition by the field.

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

- The Lockheed C-130 airtankers retardant drop system (RDS) contracting process with the U.S. Air Force is proving to be challenging. Delays due to COVID-19, and Air Force contract specifications over and above the FAA requirements are causing delays in this program. We have completed the bailment process of one aircraft from the Coast Guard for us to use to continue the training of our C-130 flight crews. This will be a non-tactical aircraft with no retardant tank. It will be used for flight crew training only. We have started making training flights with this aircraft this month.
- COVID-19 measures that were reported on the last BOF report are still in affect at the Aviation Management Unit. We are experiencing an increase in exposures and subsequent quarantines amongst our contract workforce. So far the negative effects to production or aircraft availability have been minimal.
- All Northern air bases were down staffed on 11/18. This will allow us to begin winter maintenance on the airtanker and OV-10 fleets. Staffing for the Southern Bases will continue through the balance of the calendar year with reevaluations of that plan occurring regularly. We will also be staffing two S-2T's and an OV-10 at McClellan for the short term.
- All three of the Exclusive Use Air Tankers and the eight Exclusive Use Helicopters worked through the duration of their contracts and those contracts closed on the 21st.
- We are scheduled to pick up S-70i CAL FIRE HAWK aircraft #4 and #5 the first week of January 2021. The aircraft are destined for Hemet-Ryan (Riverside County) and Boggs Mountain (Lake County) Helitack Bases. This date was delayed from October 2020 due to changes that were made in the audio system after finding the original installations in aircraft #1, #2, and #3 had some limitations that did not meet the contract specifications.
- The S-70i, CAL FIRE HAWK transition training for Columbia Helitack Base was conducted the weeks of November 2 and 9, 2020. The training was very successful. CAL FIRE placed this aircraft, its third S70I, in service at Columbia Helitack base on Monday November 16, 2020.

Mobile Equipment Program

- Davis Mobile Equipment (DME) is in preparation of creating and submitting CAL FIRE's annual Fleet Acquisition Plan (FAP) to the Office of Fleet Administration, Department of General Services, for those vehicles added to the fleet through the 2020-21 State budget. Following submittal of this FAP, DME will submit a second addressing replacement of existing fleet assets.
- The Mobile Equipment Program is currently in the process of reformatting, editing and adding policy to its handbook sections. This effort is being led by a retired annuitant and is requiring significant participation form the Department's Mobile Equipment

Leadership Team. When completed, this revised policy will address all aspect of the mobile equipment program from vehicles markings to maintenance schedules, to drivers' licensing requirements.

Cooperative Fire Program

Conservation Camp Program

- Between California Department of Corrections and Rehabilitation (CDCR), California Conservation Corps (CCC), and Ventura Training Center (VTC) there are 83 Type 1 Fire Crews of the allocated 207 available for statewide response. The total shortage of CDCR crews statewide is 106 and the total shortage of CDCR fire crew members is 2,135 out of 3,196.
- The plan to depopulate 8 Conservation Camps (Devils Garden, High Rock, Chamberlain Creek, Valley View, Baseline, Pilot Rock, Rainbow and McCain Valley) has been approved by CAL FIRE and the California Department of Corrections and Rehabilitation. Although there were last minute changes due to quarantine status, initial inmate movement to other Conservation Camps will be completed in early December 2020. Inmates will primarily move to other nearby CAL FIRE/CDCR Conservation Camps. The process of depopulating 8 camps statewide represents a reduced CAL FIRE crew capacity of up to 40 crews.

Crew Program

- CAL FIRE continues to utilize 10 California National Guard Crews for fuels reduction and fire response capabilities. Up to this point, the California National Guard crews have been funded out of Title 32 funding. This funding source has been approved until December 17, 2020 and continues to cover 100% of the Departments costs to staff the crews. The Department will know no later than December 14, 2020 if Title 32 funding will be extended.

Local Government Program

- The final benefit rates for FY 20-21 have been distributed. FY 20-21 saw decreases in the retirement rate due to the impact of the State's continued supplemental contributions to buying down premiums, and a decrease in Health/Dental/Vision rates due to how payments are being accounted for in Fi\$Cal, consistent with direction given by the State Controller's Office and Department of Finance. This will result in savings for our Local Government cooperators.

State-Federal Program

- The Department renewed a reimbursable Wildland Fire Protection Agreement with the Bureau of Reclamation. Under the terms of this agreement the Bureau of Reclamation agrees to pay CALFIRE for actual Fire Suppression costs incurred when fighting fire on designated lands. These lands are within the boundaries of nine CAL FIRE Units throughout the state and the agreement will last for another 5 years.

Safety/EMS Program

- CAL FIRE's Executive Board of Review met on November 12, 2020, to review the Country and Tatham Serious Accident Review Team Reports. The Country Fire resulted in a fire shelter deployment and engine burnover and the Tatham Incident resulted in a firefighter fatality to an out-of-state firefighter. Action Items are working their way through the Department's approval process.
- The CAL FIRE Emergency Medical Services (EMS) Program continues to work on several items related to implementation of the electronic Patient Care Report project pursuant to Assembly Bill 1129, Emergency Medical Services, Data and Information Systems. In particular, staff have begun initial CAL FIRE Unit EMS Coordinator and End User Training development. The EMS Program target date for completion of the curriculum is the end of December 2020. This project will help CAL FIRE better track medical aid responses as well as transfer patient care reports electronically within the pre-hospital health care setting.

Training Program

- The CAL FIRE Training Center completed both Firefighter and Company Officer Academies for the calendar year. On Friday, November 20, 2020, the Training Center (Ione) and Training Center South (Riverside) finished the year by graduating three CAL FIRE Academies, which included Firefighter Academy #10, Firefighter Academy #11 and Company Officer Academy #7. This represents a significant achievement in maintaining a trained workforce, in light of the challenges associated with COVID-19. However, due to the recent spike in COVID-19 cases throughout California, the Training Center will be cancelling remaining class delivery until January 4, 2021. Training Center staff will be meeting to discuss options for course delivery should there be a need to maintain a virtual learning environment.
- The Law Enforcement Division completed all the mandatory Advanced Officer Trainings for CAL FIRE Peace Officers in 2020. The Advanced Officer training is required by the Commission on Peace Officer Standards and Training (POST) and ensures CAL FIRE Peace Officers are current with the latest legislative updates and manipulative skills training required to serve as a Peace Officer in California. This represents a significant achievement given the limitations associated with COVID-19.

Office of the State Fire Marshal

Wildfire Planning and Engineering Division

- Working with Cal OES, Housing and Community Development, Department of Insurance, California Fire Safe Council, the Insurance Institute for Business and Home Safety, the National Institute of Standards and Technology, and the California Building Industry Association to implement the provisions of AB 38 (Wood, 2019) to develop the foundation for a Wildfire Mitigation Financial Assistance Program that encourages cost-effective structure hardening/retrofitting and facilitates vegetation management (D-Space and neighborhood/community fuel reduction/modification).

Wildfire Prevention Engineering

- The D-Space program continues to see success despite COVID-19 and the 2020 fire season with roughly 20,000 more inspections completed this year over last.
 - To date 2019 Compliant 123,007, Non-Compliant 27,786, Total 150,793
 - To date 2020 Compliant 143,652, Non-Compliant 26,433, Total 170,154
- DINS has been fully engaged on all CAL FIRE incidents since the start of the lightning fires on August 15th. We are significantly ahead of last year.
 - To date 2019 Destroyed 555, Damaged 247, Total 802
 - To date 2020 Destroyed 9,463, Damaged 1,106, Total 10,569
- In May, we made a D-Space Self-Assessment Survey available online. To date, we have had 902 completed surveys with 655 of those occurring since August.
- Continued work with NIST, USFS, and IBHS on a multi-year Structure Separation Experiment.
- Staff continue working on automating all Department burn permits. Significant process in the development of the database and work continues with the Prescribed Fire Working Group to narrow down the fields and choices the permittee will have. The goal is to increase the ease with which the public can obtain a burn permit (online), streamline the process, create an electronic geospatial database, and allow for better reporting.

Fire Plan

- One (1) SRA mapping-error was identified in the 5-year-review dataset and corrected (in the San Luis Obispo Unit). The updated dataset is SRA20_3 and has been posted on the FRAP website.
- Most of the 2020 Unit Fire Plans have completed ADA compliance checking and are available on the OSFM website. The remaining 2020 Unit Fire Plans are continuing through ADA compliance checking prior to being posted on the OSFM website.
- Dozens of fuel treatment projects have been impacted by wildfires this summer, including several of the 35-priority fuel treatment projects identified in the Governor's 45-day report. Fire Plan is documenting success stories using CalMAPPER data. An on-line web map is being developed to highlight those successes. The 2021 Unit Fire Plans will also detail these successes.
- The annual Fire Plan workshop, due to be held Nov 30 – Dec 4 2020 in Folsom, was postponed due to COVID concerns. This training supports Unit and Contract County Pre-Fire Engineers. Staff are working on an alternative training plan.

California Incident Data & Statistics

- Statewide, all fire departments continue to capture all COVID-19-related contacts for incident reporting purposes.
- The 2019 Redbook is proceeding through final reviews and approval by the Department and is anticipated to be published by the end of the month.
- The Data Entry Tool (DET) used to download statewide NFIRS data was decommissioned by the USFA in October. CAL FIRE IT has developed an in-house version of this tool to enable OSFM to maintain the statewide incident database.

Land Use Planning

- Continued discussions with the Office of Planning and Research to update the “Fire Hazard Planning - General Plan Technical Advice Series” document, as required by AB 2911.
- Ongoing discussions, assistance, presentations and meetings with various jurisdictions statewide for Safety Element, LHMP, General Plan, FIREWISE, CALBO, Stats and Regs courses, and Land Use Planning overview.
- Collaboration with Board staff on numerous projects
- Sub-Division Review
 - Staff continues work on procedural documents and collecting information on subdivisions statewide.
 - Staff continue data mining and building the database of subdivisions needing to be surveyed per AB 2911.

Fire Prevention Grants

- Staff continue working with BSO for the procurement of the Inter-agency agreements for the \$10 million grant appropriation.
- Staff continue working on success stories from previous grants that have been awarded.
- Fire Prevention staff, the Grants Management program, and other CAL FIRE Grant program staff have been learning and testing the new Grants Management System. This system is in place and will be utilized for the 20/21 grant cycle.
- The Department has not received its normal appropriation of grant funding from SB 901 due to budget constraints. We are waiting to see if the legislature appropriates funds for grants at a future date.

California Forest Practice Rules - Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through November 30, 2020

Rule	Type of Exemption	Admin Area	2019		2020	
			Number of Plans	Acres	Number of Plans	Acres
1038(b) (03/2019)	10 Percent Dead, Dying Diseased, Fuelwood, or Woody Debris v2019	Cascade (Redding)	276	964,976	242	1,346,458
		Coast (Santa Rosa)	41	389,875	63	438,818
		Riverside (South)			1	240
		Sierra (Fresno)	26	24,311	51	63,478
		Totals	343	1,379,162	357	1,848,994
1038(a)&(b)	10% Dead, Dying or Diseased Fuelwood or Split Products	Cascade (Redding)	74	496,274		
		Coast (Santa Rosa)	18	28,895		
		Riverside (South)	1	240		
		Sierra (Fresno)	3	18,579		
		Totals	96	543,988	0	0
1038.6 (03/2019)	Butte Post Fire Recovery	Cascade (Redding)	537	1,233		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	537	1,233	0	0
1038(a) (03/2019)	Christmas Trees	Cascade (Redding)	24	96,570	27	142,052
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	1	500	5	11,054
		Totals	25	97,070	32	153,106
1038(k)	Drought Mortality	Cascade (Redding)	3	324		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	26	192		
		Totals	29	516	0	0
1038(d) (03/2019)	Drought Mortality and Unmerchantable Sawlog	Cascade (Redding)	3	325	16	3,692
		Coast (Santa Rosa)	1	50		
		Riverside (South)				
		Sierra (Fresno)	9	811	13	3,245
		Totals	13	1,186	29	6,937
1038(j)	Forest Fire Prevention PILOT Project	Cascade (Redding)	3	258		
		Coast (Santa Rosa)	2	263		
		Riverside (South)				
		Sierra (Fresno)	1	120		
		Totals	6	641	0	0
1038(i)	Forest Fire Prevention Project	Cascade (Redding)	1	10		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	1	10	0	0

California Forest Practice Rules - Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through November 30, 2020

Rule	Type of Exemption	Admin Area	2019		2020	
			Number of Plans	Acres	Number of Plans	Acres
1038.3 (03/2019)	Forest Fire Prevention v2019	Cascade (Redding)	15	1,694	31	4,367
		Coast (Santa Rosa)	13	787	24	1,570
		Riverside (South)			1	50
		Sierra (Fresno)	4	908	1	30
		Totals	32	3,389	57	6,017
1104.1(a)	Less than 3 Acre Conversion	Cascade (Redding)	117	173	137	226
		Coast (Santa Rosa)	41	77	32	59
		Riverside (South)	1	3		
		Sierra (Fresno)	19	16	20	21
		Totals	178	269	189	306
1038(l)	Oak Woodland Management (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)	2	237		
		Riverside (South)				
		Sierra (Fresno)				
		Totals	2	237	0	0
1038(e) (03/2019)	Oak Woodland Management v2019	Cascade (Redding)			1	112
		Coast (Santa Rosa)	3	98	5	56
		Riverside (South)				
		Sierra (Fresno)				
		Totals	3	98	6	168
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)	1	1		
		Coast (Santa Rosa)	1	2		
		Riverside (South)				
		Sierra (Fresno)				
		Totals	2	3	0	0
	Post Fire Recovery v2020	Cascade (Redding)			215	378
		Coast (Santa Rosa)			13	21
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	228	399
1104.1(b)&(c)	Public / Private Utility Right-of-Way	Cascade (Redding)	171	117,259	133	181,681
		Coast (Santa Rosa)	81	165,232	56	155,876
		Riverside (South)	1	1		
		Sierra (Fresno)	101	29,568	97	103,347
		Totals	354	312,060	286	440,904

California Forest Practice Rules - Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through November 30, 2020

Rule	Type of Exemption	Admin Area	2019		2020	
			Number of Plans	Acres	Number of Plans	Acres
1038(f) (03/2019)	Small Timberland Owner	Cascade (Redding)	2	24	5	58
		Coast (Santa Rosa)	4	75	1	56
		Riverside (South)				
		Sierra (Fresno)	1	80		
		Totals	7	179	6	114
1038(c)	Structure Protection (0 to 150 feet)	Cascade (Redding)	20	94		
		Coast (Santa Rosa)	18	25		
		Riverside (South)				
		Sierra (Fresno)	11	22		
		Totals	49	141	0	0
1038(c) (03/2019)	Structure Protection (0 to 150 feet) v2019	Cascade (Redding)	317	436	274	510
		Coast (Santa Rosa)	75	1,113	94	1,833
		Riverside (South)			1	7
		Sierra (Fresno)	18	46	45	154
		Totals	410	1,595	414	2,504
1038(c)(6)	Structure Protection (150 to 300 feet) Includes exemptions previously submitted with both 0-150ft and 150-300ft options	Cascade (Redding)	1	3		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	1	3	0	0
1038(c)(6) (03/2019)	Structure Protection (150 to 300 feet) v2019	Cascade (Redding)	17	81	27	97
		Coast (Santa Rosa)	17	99	19	88
		Riverside (South)				
		Sierra (Fresno)	2	5	3	24
		Totals	36	185	49	209
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	2,124	2,341,965	1,653	2,459,658

Type of 1052 Emergency Notice		2019		2020						
		Admin Area	Number of Plans	Acres	Number of Plans	Acres				
Notice of Emergency Timber Operations		Cascade (Redding)	172	25,440	123	35,354				
		Coast (Santa Rosa)	34	4,736	45	6,587				
		Riverside (South)								
		Sierra (Fresno)	2	930	16	5,902				
		Totals	208	31,106	184	47,843				
<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)	7	1,518	14	2,737		
				Coast (Santa Rosa)						
				Riverside (South)						
				Sierra (Fresno)						
				Totals	7	1,518	14	2,737		
				Fire		Cascade (Redding)	163	23,803	113	33,917
						Coast (Santa Rosa)	27	4,457	45	6,587
						Riverside (South)				
						Sierra (Fresno)	1	582	12	5,612
						Totals	191	28,842	170	46,116
				Insects		Cascade (Redding)	35	6,112	31	7,193
						Coast (Santa Rosa)				
						Riverside (South)				
						Sierra (Fresno)			2	3
						Totals	35	6,112	33	7,196
				*Others		Cascade (Redding)	276	45,111	212	55,511
				Coast (Santa Rosa)	20	2,218	6	855		
				Riverside (South)						
				Sierra (Fresno)	1	582	12	3,948		
				Totals	297	47,911	230	60,314		
Fuel Hazard Reduction (RM65)		Cascade (Redding)	1	80	17	1,768				
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)	8	2,475	6	603				
		Totals	9	2,555	23	2,371				
Fuel Hazard Reduction		Cascade (Redding)								
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)	1	193						
		Totals	1	193	0	0				
Sudden Oak Death Disease		Cascade (Redding)								
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)								
		Totals	0	0	0	0				

**CALENDAR YEAR 2020
TIMBER HARVESTING INFORMATION THROUGH November 30, 2020**

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	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
THPs Received	122	124	71	67	0	0	17	13	210	204
THPs Returned	40	42	25	32	0	0	6	5	71	79
THPs Pre-Harvest Inspections	125	119	64	69	0	0	15	11	204	199
THPs with NON-Concurrence	0	0	0	1	0	0	0	0	0	1
THPs Denied	0	1	0	0	0	0	0	0	0	1
THPs Approved	132	120	66	73	0	0	15	16	213	209
THP Approved Acres	35,874	28,746	50,125	62,159	0	0	5,748	9,596	91,747	100,501

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
NTMPs Received	12	4	3	4	0	0	0	1	15	9
NTMPs Returned	5	3	2	3	0	0	0	1	7	7
NTMPs Pre-Harvest Inspections	7	6	1	3	0	0	0	0	8	9
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	9	8	1	3	0	0	1	0	11	11
NTMP Approved Acres	1,599	2,556	519	1,132	0	0	438	0	2,556	3,688
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTOs Received	64	64	8	14	0	0	4	6	76	84

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
WFMPs Received	0	0	1	0	0	0	0	0	1	0
WFMPs Returned	0	0	0	0	0	0	0	0	0	0
WFMPs Pre-Harvest Inspections	0	0	1	0	0	0	0	0	1	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 2020
TIMBER HARVESTING INFORMATION THROUGH November 30, 2020**

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



Fuels Reduction Activity Report - Executive Summary (V3) %

NORTHERN REGION

July 01, 2020 - November 30, 2020

Treatment Objective	Treated Acres	Personnel Hours	Equipment Hours
Broadcast Burn	2,219	4,356	1,810
Fuel Break	160	1,274	1,479
Fuel Reduction	1,234	9,553	9,684
Right of Way Clearance	133	667	930
Northern Region Totals	3,746	15,850	13,903

SOUTHERN REGION

July 01, 2020 - November 30, 2020

Treatment Objective	Treated Acres	Personnel Hours	Equipment Hours
Broadcast Burn	728	1,961	884
Fuel Break	245	3,020	2,145
Fuel Reduction	1,010	28,944	13,058
Right of Way Clearance	132	3,856	1,756
Southern Region Totals	2,115	37,781	17,843

STATEWIDE SUMMARY

July 01, 2020 - November 30, 2020

Treatment Objective	Treated Acres	Personnel Hours	Equipment Hours
Broadcast Burn	2,947	6,317	2,694
Fuel Break	405	4,294	3,624
Fuel Reduction	2,244	38,497	22,742
Right of Way Clearance	265	4,523	2,686
Statewide Totals	5,861	53,631	31,746

STATEWIDE TARGET SUMMARY REVIEW

July 01, 2020 - November 30, 2020

	CAL FIRE Target Acres	Treated Acres	% CAL FIRE Target Acres
Broadcast Burn	30,000	2,947	9.82 %
*Combined Fuel Reduction	20,000	2,914	14.57 %

*Fuel Reduction, Fuel Break and Right of Way Clearance all contribute to the Combined Fuel Reduction Target acres.

Totals include contract counties.



Fuels Reduction Activity Report - Region Summary by Unit (V3)

NORTHERN REGION

July 01, 2020 - November 30, 2020

AEU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	108	686	272		
	*Combined Fuel Reduction	147	2,109	2,538		
BTU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	0	0	0		
	*Combined Fuel Reduction	44	1,409	613		
CZU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	0	0	0		
	*Combined Fuel Reduction	23	186	426		
HUU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	220	1,290	487		
	*Combined Fuel Reduction	77	376	1,186		
LMU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	128	0	0		
	*Combined Fuel Reduction	80	105	314		
LNU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	233	0	0		
	*Combined Fuel Reduction	0	0	0		
MEU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	165	884	374		
	*Combined Fuel Reduction	51	2,369	1,097		
MRN	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	0	0	0		
	*Combined Fuel Reduction	21	0	0		
NEU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	0	81	40		
	*Combined Fuel Reduction	203	1,387	1,954		
SCU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	0	0	0		
	*Combined Fuel Reduction	0	0	0		
SHU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	596	0	0		
	*Combined Fuel Reduction	252	1,579	1,221		
SKU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	553	430	203		
	*Combined Fuel Reduction	488	909	1,624		
TGU	Treatment Objective	Treated Acres	Personnel Hrs	Equipment Hrs		
	Broadcast Burn	216	985	434		
	*Combined Fuel Reduction	141	1,065	1,120		
Northern Region Totals		CAL FIRE Target Acres	Treated Acres	% CAL FIRE Target Acres	Personnel Hrs	Equipment Hrs
Broadcast Burn		30,000	2,219	7.40 %	4,356	1,810
*Combined Fuel Reduction		20,000	1,527	7.64 %	11,494	12,093
			3,746		15,850	13,903

*Fuel Reduction, Fuel Break and Right of Way Clearance all contribute to the Combined Fuel Reduction Target acres.

SOUTHERN REGION

July 01, 2020 - November 30, 2020

BDU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		12	467	115		
BEU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		236	1,074	436		
FKU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		149	966	609		
KRN Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		0	0	0		
LAC Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		1	0	0		
MMU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		159	624	139		
*Combined Fuel Reduction		95	1,048	1,832		
MVU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		97	2,551	1,076		
ORC Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		67	1,925	506		
RRU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		66	1,974	1,940		
SBC Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		512	0	0		
*Combined Fuel Reduction		305	16,752	2,919		
SLU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		36	122	37		
*Combined Fuel Reduction		37	2,749	967		
TCU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		21	1,215	708		
*Combined Fuel Reduction		286	5,693	6,418		
TUU Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		0	481	89		
VNC Treatment Objective		Treated Acres	Personnel Hrs	Equipment Hrs		
Broadcast Burn		0	0	0		
*Combined Fuel Reduction		36	140	52		
Southern Region Totals		CAL FIRE Target Acres	Treated Acres	% CAL FIRE Target Acres	Personnel Hrs	Equipment Hrs
Broadcast Burn		30,000	728	2.43 %	1,961	884
*Combined Fuel Reduction		20,000	1,387	6.94 %	35,820	16,959
			2,115		37,781	17,843

*Fuel Reduction, Fuel Break and Right of Way Clearance all contribute to the Combined Fuel Reduction Target acres .

FUELS REDUCTION ACTIVITY REPORT DEFFINITIONS

Fuels Reduction Activity Reports

Fuels Reduction Activity Report - Executive Summary: This report provides fuels reduction accomplishments for each CAL MAPPER treatment objective included in the Mandatory Fuels Reduction Targets. Information is presented for each CAL FIRE administrative Region with a statewide summary for the Broadcast Prescribed Fire Target and Combined Fuel Reduction Target accomplished in the period requested and as of the report run date. This report is run monthly and provided to CAL FIRE Executive.

Fuels Reduction Activity Report - Unit Summary: This report provides fuels reduction accomplishments for each CAL MAPPER treatment objective included in the Mandatory Fuels Reduction Targets for each CAL FIRE administrative Unit with a summary for the Broadcast Prescribed Fire Target and Combined Fuel Reduction Target accomplished in the time period requested as of the report run date. This report is included in the monthly reports to CAL FIRE Executive.

Definitions

Treatment Objectives -Assigned in CalMAPPER to a location and group of activities conducted to accomplish a specific objective.

Broadcast Burn - Work conducted in an area where the primary objective is reducing fuel loads through prescribed broadcast burning.

Fuel reduction - Work conducted in an area where the primary objective is to reduce fuel loads. This objective excludes prescribed broadcast burning. However, fuels reduction may be used to record activities conducted to reduce fuel loads or change fuel arrangement in advance of a prescribed fire treatment objective.

Fuel Break - Work conducted to modify flammable vegetation to create a defensible space to reduce fire spread to structures and/or natural resources, and to provide a safer location to fight fire. Fuel breaks are strategically placed, typically along a ridge, valley bottom, access road, or community.

Right of Way Clearance - Work conducted within the right of way along fire roads, county roads, or highways for purposes of improved ingress and egress. Right of Way Clearance is not done with the intent of stopping a fire at the location of work but instead focuses on ingress and egress enhancement.

Treated Acres - This number represents the total acreage of fuel reduction activities (Chipping, Mastication, Thinning, Piling, Burning, etc.) completed within each Treatment Polygon, summarized by Treatment Objective (Broadcast Burn, Fuel Reduction, Fuel Break, Right of Way Clearance). &

Personnel Hrs - This number reports amount of personnel time used to complete treated acres. This value is summarized from eFC-33 time records. Only treatments with eFC-33 treatment numbers or incident numbers recorded in CalMAPPER and eFC-33 database are included. Contract County information is captured by spreadsheet. &

Equipment Hrs - This number reports the amount of equipment time used to complete treated acres and comes from eFC-33 database. Contract County information is captured by spreadsheet. &

Targets - Mandatory Fuels Reduction Targets are established annually by CAL FIRE Director for acres of broadcast prescribed burning, acres of fuels treatment including chipping, thinning, pile burning, fuel breaks etc. and defensible space inspections.

Broadcast Burn Target - Mandatory Fuels Reduction Statewide Target for annual acres of Broadcast Burn Prescribe fire.

Combine Fuel Reduction Target - Mandatory Fuels Reduction Statewide Target for annual acres of Fuels Reduction. This includes Fuel Break, Fuel Reduction and Right of Way Clearance treatment objectives from CalMAPPER.

Information included in this report

- Information is updated on the 5th of each month and provided to eFC33 for reporting
- Only includes Active and Completed treatment activities in the period of interest
- Only includes activities identified in CalMAPPER with a treatment objective of broadcast burn, fuel reduction, fuel break and right of way clearance
- Only includes activities where CAL FIRE or Contract County gray book resources are committed
- Excludes CFIP (California Forest Improvement Program) projects
- Excludes Fire Prevention Fee grants, Green House Reduction Fund Grants and work conducted by non-CAL FIRE entities unless CAL FIRE resources were used
- Fire Crew personnel hours are only recorded for Crew captains



Department of Forestry and Fire Protection
 Defensible Space Inspection
 Defensible Space Activity Report - Summary

STATEWIDE SUMMARY

07/01/2020 - 11/30/2020 (

	Un - inspected Totals	Non Compliant Totals	Compliant Totals	Inspection Totals	Citation Count	Inspection Hrs:Min	Education Hrs:Min	VIP Hrs:Min
NORTHERN REGION								
CNR CAL FIRE	1,239	3,742	24,346	29,327	15	4,983:45	1,956:10	4:00
CNR Contract County	247	5,508	1,880	7,635	0	1,791:45	1,402:50	0:00
NORTHERN Totals	1,486	9,250	26,226	36,962	15	6,775:30	3,359:00	4:00
SOUTHERN REGION								
CSR CAL FIRE	1,760	5,906	47,594	55,260	50	9,033:05	1,013:15	0:00
CSR Contract County	380	797	11,013	12,190	303	670:55	14:20	0:00
SOUTHERN Totals	2,140	6,703	58,607	67,450	353	9,704:00	1,027:35	0:00
Report Totals	3,626	15,953	84,833	104,412	368	16,479:30	4,386:35	4:00

STATEWIDE TARGET	Target Inspections	Inspections Completed	% Complete
Defensible Space Inspections	250,000	104,412	42 %



Department of Forestry and Fire Protection ()
 Defensible Space Inspection ()
 Defensible Space Activity Report - Summary

STATEWIDE SUMMARY, continued

07/01/2020 - 11/30/2020

	Un - inspected Totals	Non Compliant Totals	Compliant Totals	Inspection Totals	Citation Count	Inspection Hrs:Min	Education Hrs:Min	VIP Hrs:Min
<u>NORTHERN REGION</u>								
<u>CAL FIRE</u>								
DSI Totals	792	3,332	21,037	25,161	11	3,921:50	1,470:25	0:00
Other Totals	447	410	3,309	4,166	4	1,061:55	485:45	4:00
CAL FIRE Totals	1,239	3,742	24,346	29,327	15	4,983:45	1,956:10	4:00
<u>Contract County</u>								
DSI Totals	246	5,506	1,880	7,632	0	1,791:10	1,402:20	0:00
Other Totals	1	2	0	3	0	0:35	0:30	0:00
Contract County Totals	247	5,508	1,880	7,635	0	1,791:45	1,402:50	0:00
NORTHERN Totals	1,486	9,250	26,226	36,962	15	6,775:30	3,359:00	4:00
<u>SOUTHERN REGION</u>								
<u>CAL FIRE</u>								
DSI Totals	1,534	4,831	39,053	45,418	31	7,607:10	808:05	0:00
Other Totals	226	1,075	8,541	9,842	19	1,425:55	205:10	0:00
CAL FIRE Totals	1,760	5,906	47,594	55,260	50	9,033:05	1,013:15	0:00
<u>Contract County</u>								
DSI Totals	283	22	5,987	6,292	0	0:00	0:00	0:00
Other Totals	97	775	5,026	5,898	303	670:55	14:20	0:00
Contract County Totals	380	797	11,013	12,190	303	670:55	14:20	0:00
SOUTHERN Totals	2,140	6,703	58,607	67,450	353	9,704:00	1,027:35	0:00



Department of Forestry and Fire Protection ()
 Defensible Space Inspection ()
 Defensible Space Activity Report - Summary

UNIT SUMMARY

07/01/2020 - 11/30/2020

	Un - inspected Totals	Non Compliant Totals	Compliant Totals	Inspection Totals	Citation Count	Inspection Hrs:Min	Education Hrs:Min	VIP Hrs:Min
NORTHERN REGION								
<u>CAL FIRE</u>								
AEU	66	690	845	1,601	0	368:45	100:10	0:00
BTU	144	527	1,487	2,158	0	751:45	135:00	0:00
CZU	2	76	796	874	0	193:30	108:50	0:00
HUU	6	86	578	670	0	136:50	20:00	0:00
LMU	0	240	1,283	1,523	0	264:15	104:20	0:00
LNU	197	565	1,980	2,742	3	539:00	234:10	0:00
NEU	305	734	8,224	9,263	3	1,205:30	554:40	0:00
SCU	171	57	2,157	2,385	0	574:50	123:25	0:00
SHU	163	231	1,037	1,431	3	286:55	323:30	0:00
SKU	111	222	4,446	4,779	0	414:55	24:55	0:00
TGU	74	314	1,513	1,901	6	247:30	227:10	4:00
CAL FIRE Totals	1,239	3,742	24,346	29,327	15	4,983:45	1,956:10	4:00
<u>Contract County</u>								
MRN	247	5,508	1,880	7,635	0	1,791:45	1,402:50	0:00
Contract County Totals	247	5,508	1,880	7,635	0	1,791:45	1,402:50	0:00
NORTHERN REGION Totals	1,486	9,250	26,226	36,962	15	6,775:30	3,359:00	4:00



Department of Forestry and Fire Protection ()
 Defensible Space Inspection ()
 Defensible Space Activity Report - Summary

UNIT SUMMARY

07/01/2020 - 11/30/2020

	Un - inspected Totals	Non Compliant Totals	Compliant Totals	Inspection Totals	Citation Count	Inspection Hrs:Min	Education Hrs:Min	VIP Hrs:Min
SOUTHERN REGION								
<u>CAL FIRE</u>								
BDU	53	462	13,748	14,263	1	1,238:00	66:40	0:00
BEU	276	736	3,118	4,130	0	965:25	115:55	0:00
FKU	333	511	971	1,815	0	191:30	23:45	0:00
MMU	230	474	2,591	3,295	30	803:40	53:30	0:00
MVU	536	1,141	18,564	20,241	4	3,715:25	390:25	0:00
RRU	111	83	2,659	2,853	0	692:25	55:55	0:00
SLU	3	114	824	941	0	115:00	10:55	0:00
TCU	77	2,033	2,692	4,802	0	519:35	62:55	0:00
TUU	141	352	2,427	2,920	15	792:05	233:15	0:00
CAL FIRE Totals	1,760	5,906	47,594	55,260	50	9,033:05	1,013:15	0:00
<u>Contract County</u>								
KRN	0	295	1,542	1,837	303	459:15	0:00	0:00
ORC	0	471	1,538	2,009	0	211:40	14:20	0:00
SBC	380	31	7,933	8,344	0	0:00	0:00	0:00
Contract County Totals	380	797	11,013	12,190	303	670:55	14:20	0:00
SOUTHERN REGION Totals	2,140	6,703	58,607	67,450	353	9,704:00	1,027:35	0:00



Department of Forestry and Fire Protection ()
 Defensible Space Inspection ()
 Defensible Space Activity Report - Summary

JOB POSITION SUMMARY

07/01/2020 - 11/30/2020

	Un - inspected Totals	Non Compliant Totals	Compliant Totals	Inspection Totals	Citation Count	Inspection Hrs:Min	Education Hrs:Min	VIP Hrs:Min
NORTHERN REGION								
<u>CAL FIRE</u>								
DSI								
AEU	66	671	742	1,479	0	350:20	95:00	0:00
BTU	144	517	1,249	1,910	0	480:25	127:55	0:00
CZU	2	76	782	860	0	192:20	108:50	0:00
LMU	0	174	801	975	0	139:20	56:50	0:00
LNU	61	487	872	1,420	0	265:30	150:40	0:00
NEU	28	592	7,527	8,147	2	996:50	484:55	0:00
SCU	143	52	2,080	2,275	0	552:10	112:00	0:00
SHU	163	227	1,029	1,419	3	283:25	110:00	0:00
SKU	111	222	4,445	4,778	0	414:25	24:25	0:00
TGU	74	314	1,510	1,898	6	247:05	199:50	0:00
DSI Totals	792	3,332	21,037	25,161	11	3,921:50	1,470:25	0:00
Other								
AEU	0	19	103	122	0	18:25	5:10	0:00
BTU	0	10	238	248	0	271:20	7:05	0:00
CZU	0	0	14	14	0	1:10	0:00	0:00
HUU	6	86	578	670	0	136:50	20:00	0:00
LMU	0	66	482	548	0	124:55	47:30	0:00
LNU	136	78	1,108	1,322	3	273:30	83:30	0:00
NEU	277	142	697	1,116	1	208:40	69:45	0:00
SCU	28	5	77	110	0	22:40	11:25	0:00
SHU	0	4	8	12	0	3:30	213:30	0:00
SKU	0	0	1	1	0	0:30	0:30	0:00
TGU	0	0	3	3	0	0:25	27:20	4:00
Other Totals	447	410	3,309	4,166	4	1,061:55	485:45	4:00
CAL FIRE Totals	1,239	3,742	24,346	29,327	15	4,983:45	1,956:10	4:00
<u>Contract County</u>								
DSI								
MRN	246	5,506	1,880	7,632	0	1,791:10	1,402:20	0:00
DSI Totals	246	5,506	1,880	7,632	0	1,791:10	1,402:20	0:00
Other								
MRN	1	2	0	3	0	0:35	0:30	0:00
Other Totals	1	2	0	3	0	0:35	0:30	0:00
Contract County Totals	247	5,508	1,880	7,635	0	1,791:45	1,402:50	0:00
NORTHERN REGION Totals	1,486	9,250	26,226	36,962	15	6,775:30	3,359:00	4:00



JOB POSITION SUMMARY

07/01/2020 - 11/30/2020

	Un - inspected Totals	Non Compliant Totals	Compliant Totals	Inspection Totals	Citation Count	Inspection Hrs:Min	Education Hrs:Min	VIP Hrs:Min
SOUTHERN REGION								
<u>CAL FIRE</u>								
DSI								
BDU	53	457	13,699	14,209	1	1,231:00	61:05	0:00
BEU	276	716	2,580	3,572	0	858:40	109:30	0:00
FKU	333	510	971	1,814	0	191:25	23:40	0:00
MMU	215	425	2,268	2,908	30	735:00	44:05	0:00
MVU	418	708	12,463	13,589	0	2,773:50	274:30	0:00
RRU	23	65	2,625	2,713	0	675:55	54:00	0:00
TCU	75	1,617	2,039	3,731	0	367:20	41:40	0:00
TUU	141	333	2,408	2,882	0	774:00	199:35	0:00
DSI Totals	1,534	4,831	39,053	45,418	31	7,607:10	808:05	0:00
Other								
BDU	0	5	49	54	0	7:00	5:35	0:00
BEU	0	20	538	558	0	106:45	6:25	0:00
FKU	0	1	0	1	0	0:05	0:05	0:00
MMU	15	49	323	387	0	68:40	9:25	0:00
MVU	118	433	6,101	6,652	4	941:35	115:55	0:00
RRU	88	18	34	140	0	16:30	1:55	0:00
SLU	3	114	824	941	0	115:00	10:55	0:00
TCU	2	416	653	1,071	0	152:15	21:15	0:00
TUU	0	19	19	38	15	18:05	33:40	0:00
Other Totals	226	1,075	8,541	9,842	19	1,425:55	205:10	0:00
CAL FIRE Totals	1,760	5,906	47,594	55,260	50	9,033:05	1,013:15	0:00
<u>Contract County</u>								
DSI								
SBC	283	22	5,987	6,292	0	0:00	0:00	0:00
DSI Totals	283	22	5,987	6,292	0	0:00	0:00	0:00
Other								
KRN	0	295	1,542	1,837	303	459:15	0:00	0:00
ORC	0	471	1,538	2,009	0	211:40	14:20	0:00
SBC	97	9	1,946	2,052	0	0:00	0:00	0:00
Other Totals	97	775	5,026	5,898	303	670:55	14:20	0:00
Contract County Totals	380	797	11,013	12,190	303	670:55	14:20	0:00
SOUTHERN REGION Totals	2,140	6,703	58,607	67,450	353	9,704:00	1,027:35	0:00



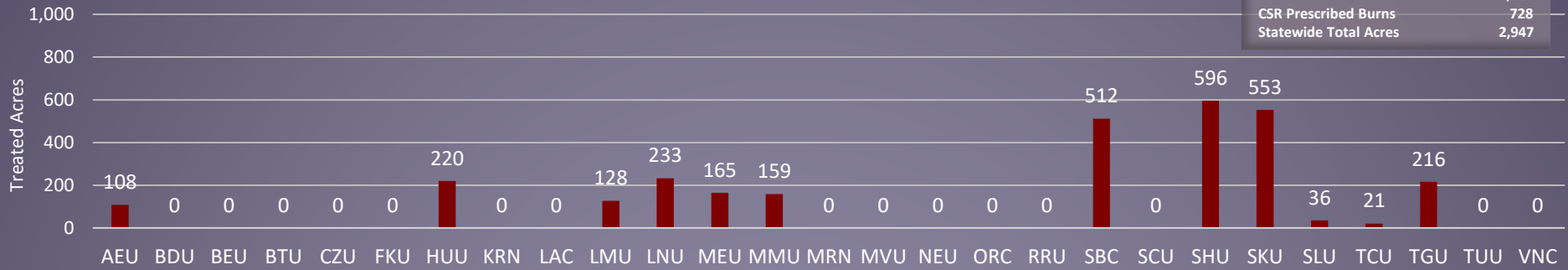
DEFINITIONS:

CAL FIRE Citations	Criminal citation issued by a CAL FIRE peace officer due to continued non-compliance with PRC 4291. Defendant must go to court and possibly pay a fine.
Compliant Inspections	Inspections conducted on properties that are compliant with PRC 4291. (
Contact County Citation (Administrative action taken by the county due to continued non-compliance with PRC 4291. Involves hiring a company to abate the hazard(s) on the property and bill the property owner for the work performed.
Defensible Space Inspection	The inspection of a property to ensure compliance with PRC 4291. (
Defensible Space Inspector (DSI)	Personnel hired to exclusively perform defensible space inspections. (
Education Hours	All CAL FIRE paid and VIP incident hours (FC42) Hours @ DSpace Inspection (Contact Hours) and Education Hours tracked using Survey 123.
Inspection Hours (Hours conducting defensible space inspections. (
Inspection Total (Total number of compliant, non-compliant and uninspected inspections. (
Inspections, DSI (Defensible space inspections performed by DSIs. (
Inspections, Other	Defensible space inspections performed by engine companies, prevention personnel, or employees other than DSIs.
Non-Compliant Inspections	Inspections conducted on properties that are not compliant with PRC 4291. (
Uninspected (Inspections that could not be conducted on properties for compliance with PRC 4291 due to uncooperative property owner, locked gate, noted fortification, inaccessible, animals, or another reason.
VIP Hours (Education Hours performed by VIP (Non Incident Hours) (
Volunteer in Prevention (VIP)	Individual citizens and public service groups that supplement and extend CAL FIRE's fire prevention and public education program. Non-incident related.

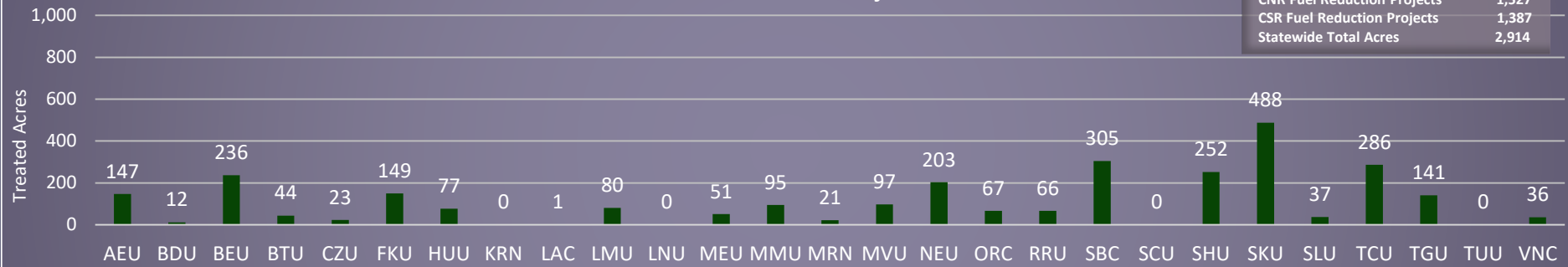


Fire Prevention Target Goals – FY 2020-2021 (July 1, 2020 – November 30, 2020)

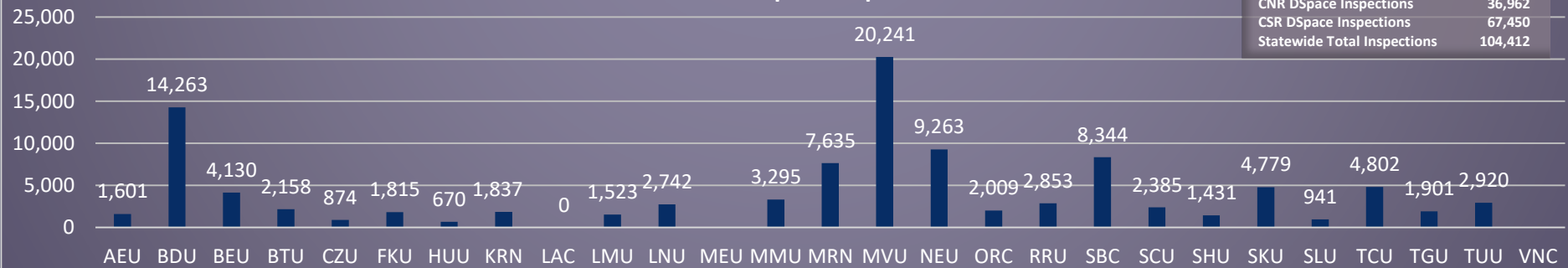
Prescribed Burns



Fuel Reduction Projects



Defensible Space Inspections



	<u>Target</u>	<u>Completed</u>	<u>% Completed</u>
Broadcast/Prescribed Burn	30,000	2,947	9.82%
Combined Fuel Reduction Projects	20,000	2,914	14.57%
Defensible Space Inspections	250,000	104,412	41.76%