



# Director's Report to the Board of Forestry



November 2020

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## Resource Management

### Forest Practice Programs

#### Plan Submissions (through 10/01/2020)

- **THP Submissions:** The number of THP submissions through October 1, 2020, was twenty-two (22) more than the number of submissions through October of last year (176 compared to 154 in 2019).
- **NTMP/WFMP Submissions:** The total number of NTMP submissions through October 1, 2020 was four (4) less than the number of submissions through October 2019 (9 compared to 13 in 2019). Seventy-nine (79) Notices of Timber Operations have been submitted thus far this year compared to seventy-five (75) for the same period in 2019. Zero (0) Working Forest Management Plans have been submitted thus far in 2020.
- **Exemption Notice Submissions:** There were 1,446 exemption submissions through October 1, 2020 compared to 1,748 through October 2019; a decrease of approximately 17%. 199 Post-Fire Recovery Exemptions have been accepted covering approximately 275 acres. 52 Forest Fire Prevention Exemptions were accepted for approximately 5,384 acres. 257 Utility Right-of-Way Exemptions have been accepted through October covering approximately 396,241 acres.
- **Emergency Notice Submissions:** Emergency Notice submissions were approximately 55% lower through October 1, 2020 than submissions over the same period last year (87 compared to 194 in 2019). Acreage in Emergencies through October 1, 2020 was approximately 35% lower than through October 2019 (18,995 acres compared to 29,167 in 2019).
- **Plan Approval:** The number of THPs approved through October 1, 2020 was one (1) less than the number approved for the same period of 2019 (181 compared to 182 in 2019). The number of NTMPs approved was exactly the same number approved during the same period of 2019 (10).

#### Watershed Protection Program Update:

- Watershed Protection Program staff, working with the California Geological Survey (CGS) staff and CAL FIRE Resource Management staff, have now completed full WERT or Limited Scope WERT reports for the Apple and El Dorado; River and Carmel, CZU Lightning, SCU Lightning, Walbridge and Meyers, Hennessey, North Complex, and Creek fires. The Glass Fire report is currently being written.
- Stacy Stanish has continued to serve as Lead GIS Specialist for Incident Management Team (IMT) 3 on multiple fires. She also evaluated wildlife habitat trees following the SQF Fire that burned nearly all of Mountain Home Demonstration State Forest.

- Will Olsen is working on the 2020 Exemption Notice monitoring report addressing 1038(c) 0-150 foot fire structure protection exemptions.

### **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

Table 2: Active Civil Penalties Case Status

Status	#	Status	# of Cases
New Applications Rec'd	16	Under Review	5
Renewal Applications Rec'd	10	Developed for Signature	16
New Licenses Issued	7	CPO Signed, Mailed, Served	17
Licenses Renewed	5	Hearing(s) to be Scheduled	7
Incomplete Applications Rec'd	10	Settlement Mitigation	4
Applications Returned	8	Payments	18
Refunds Issued	0	Probation	2
Insurance Certificates Rec'd	83	Judgement Needed	10
		Final Order/Default	11
<b>Total Valid LTOs</b>	<b>1313</b>	<b>Total</b>	<b>90</b>

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
<b>Totals</b>	<b>106</b>	<b>\$944,795</b>	<b>\$1,100,505</b>

Forest Practice Enforcement Program penalty collection from January 1, 2016 to October 1, 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.

### **Demonstration State Forests**

#### **Boggs and Las Posadas**

- Staff have been wholly engaged in the LNU Lightning Complex and Glass Fire during the reporting period.
- Boggs remains open for non-motorized recreation from the main gate.

- Las Posadas was threatened but escaped impacts from both the LNU Lightning Complex and Glass Fire.

### Jackson

- Staff have been engaged with the LNU Lightning Complex, Oak Fire, and August Complex West during this report period.
- This year's rainfall in the Caspar watershed is the 3rd lowest in the 58-year record. The removable weirs had to be removed to facilitate stream flow.
- Caspar staff is working to install a hydrophone to replace the gravel pits for sampling bedload.
- The eastside campgrounds are getting fair amount of use on weekends and were left open in October due to pleasant weather and available staffing.
- Construction of the Observatory Trail was completed and opened for use. It will be closed in the wet season to prevent degradation and erosion.
- JDSF HFEO's removed the bridge crossing at Chamberlain Creek along Road 200. Old growth redwood bridge stringers were delivered to the Parlin Fork Camp Mill site to be repurposed. The bridge was replaced with a concrete deck under a public works contract.

### LaTour

- Staff were engaged in statewide fire response for the SCU and CZU Lightning Complexes, August West Complex, and Zogg incident during much of the reporting period.
- Sierra Pacific Industries via Creek Side Logging is continuing to work on the Royston 2020 Timber Sale. Log deliveries ended on October 13. 5.151.MMBFNET were delivered to SPI's Anderson and Shasta Lake mills with total revenue of approximately \$970,000.
- Rice Logging started chipping operations on August 11, working on old landing and top piles. To date 465 green tons and 311-BDT (Bone dry tons) of otherwise available fuel have been shipped off the forest for conversion to electric power generation.

- All 221 Continuous Forest Inventory plots have been completed and forwarded to the mensurationist to facilitate update of the Option A.
- As of October 13, recreation surveys from camping permits have documented 756 User days at the campgrounds.

### Mountain Home

- The Castle Fire (part of SQF Complex) burned through the forest on September 13.
- Initial estimates are that 40% of Mountain Home was subject to stand replacing fire, including the loss of hundreds of old-growth giant sequoia in the Mountain Home Stand. Most of the high intensity fire is along the forest boundaries.
- The Tub Flat THP has been withdrawn due to impacts from the Castle Fire.
- Two Emergency Notices were submitted for salvage operations on October 22. Forestry staff from throughout the Department supported post-fire field layout.
- The “House that Jack Built”, Sunset Point Day Use Area, four bathrooms, and numerous public water systems were destroyed by the Castle Fire.
- Numerous historical features, including old-growth stumps and logs, were damaged or destroyed in the SQF Complex.
- Forest Manager Jim Kral proctored the RPF exam in Visalia on October 2.



*Figure 1. Bonsai Tree. Note the scorched trees to left of photo verse full crown of tree to right. The fire generally transitioned from high to low severity along this ridgeline.*

### Soquel

- All staff were engaged in the LNU Lightning Complex and out of Unit incidents during this report period.
- The Forest was closed to all public access from



*Figure 2. Ground fire moving through a previously salvaged and burned stand a few days after the fire first entered the forest. This is representative of how the fire moved through the heart of the forest and is a testament to creating forest resilience through active forest management.*



August 23 to September 17, along with neighboring portions of the Forest of Nisene Marks State Park.

- Staff from San Mateo County Parks visited the forest on September 28. The tour highlighted different managed stands at various stages of time post-harvest. San Mateo County Parks is working on the development of a forest health plan that includes management such as timber harvesting and other treatments to make the parks more resilient to fire and forest health impacts.
- Forest Manager Angela Bernheisel is coordinating with American Forests to grow redwood seedlings at the L.A. Moran Reforestation Center for several landowners to replant acreage burned in the CZU Lightning Complex.
- Forest Manager Angela Bernheisel helped coordinate the Forest Stewardship Workshop for the Santa Cruz Mountains (Sept 21- Nov 19) with UC Extension and partners. She facilitated the in-person field day to teach basic forestry skills and led participants through a managed forest on neighboring Redwood Empire property.

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

- The program has been renamed from Forest Pest Management Program to more accurately reflect the breadth of what the program does.
- In collaboration with UC Cooperative Extension and UC Berkeley, Cal Fire Entomology and Pathology detected the European strain of the pathogen that causes sudden oak death (*Phytophthora ramorum*) along Highway 197 in Del Norte County. This is the first time this strain of the pathogen has been found in California. In attempt to contain its spread, several agencies, programs, and private landowners are collaborating on active pathogen management, tentatively scheduled to get underway in mid-November. Cal Fire is involved both on the technical assistance side (pathogen identification and delineation, sanitation guidance) and on the operations side, as the Humboldt-Del Norte Unit is helping to plan and execute this project. More information will be presented to the Board in the future.
- Western Pine Bark Beetle (*Dendroctonus brevicomis*) activity is increasing in the northern part of California. There are more outbreak patches than in the past two years but nothing compared to the epidemic outbreak years.
- Research on the biology, life cycle, trapping and lures on the Mediterranean Oak Borer (*Xyloborus monographus*) are continuing as are surveys and detections. The first two valley oaks found in Citrus Heights, Sacramento County, were removed and indications within the trees were that the pest complex had been there around five years. Further surveys found another spot infestation within the city limits and two infestations just outside of the city in unincorporated parts of the county.
- Incense cedar trees continue to show signs of die-back and mortality. Impacted areas include Shasta, Trinity, Siskiyou, Nevada, Placer, Amador and Eldorado Counties. Samples sent to the diagnostic lab at the California Department of Food and Agriculture indicate a suspect *Cytospora* fungus may be causing the cankers and mortality.
- A significant die-off of black acacia (*Acacia melanoxydon*) trees has happened in Oakland and surrounding parts of the Bay Area. Trees appear to have numerous cankers but the cause is not yet known.

- The Board will be receiving a request to expand the Zone of Infestation for Gold Spotted Oak Borer (*Agrilus auroguttatus*) in southern California. Areas of infestation continue to expand.

### **Forest Biometrics Program**

- Chris Maranto, Forest Biometrics Specialist, will be retiring in the coming weeks. This will be a major capacity loss to the Program and the Department. Chris has breadth of experience and knowledge that will not be easily replaced.
- The LaTour CFI re-measurement was completed by the LDSF staff utilizing the old variable radius design. The LDSF staff also completed the installation and initial measurement of the new fixed radius design and all inventories at LaTour will be digitally collected moving forward. The Biometrics Program will be leveraging the advances implemented to convert all State Forest inventories to fully digital methods.
- The primary focus in the coming months will be to complete Option (a) Plans for both Latour and Soquel. The inventory work is complete, but the GIS work and sustained yield modeling need to be completed.
- 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)**

- On October 6, the Northern Sierra Tree Improvement Association (NSTIA), of which CAL FIRE is a founding member, delivered 1,125 sacks of Ponderosa Pine pinecones to the Lewis A. Moran Reforestation Center from its orchard in Malin, Oregon. The purpose of the NSTIA is to produce genetically improved tree seed for its members. CAL FIRE makes its share of seed available to the public for reforestation purposes. LAMRC staff have been busy processing the cones and extracting seed.
- LAMRC staff has been meeting regularly with CAL FIRE Technical Services staff to plan out and implement a long-range Capital Outlay plan for the reforestation center. Staff is working on a contract to complete a major electrical upgrade this fiscal year followed by the addition of a third greenhouse in order to increase seedling capacity to a minimum of 450,000. Due to the magnitude of this, as well as previous fire seasons, there is a significant increase in the need to provide seed for reforestation purposes as well as seedlings for reforestation.
- LAMRC will be growing 50,000 seedlings for use by landowners affected by the 2020 CZU Lightning Complex fires and for Soquel Demonstration State Forest (SDSF). LAMRC staff is working the Soquel Demonstration State Forest to determine landowner contacts, distribution, and number of seedlings by elevation that will be needed. American Forests will be sponsoring the growing of the seedlings.
- LAMRC staff was highlighted in American Forests Fall 2020 Magazine which can be found here <https://www.americanforests.org/magazine/issue/fall-2020/>

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

- The California Forest Improvement Program (CFIP) has extended the final Prop 68 Funding Cycle to December 1. Highest priority for the remaining Prop 68 Funds shall be given to those approved projects that have been substantially damaged by fire, then those applications that were submitted prior to August 30. Between the approved Prop 68 (CFIP) Grants that have been substantially damaged by fire that require adjustments and the new CFIP Applications that were received prior to August 30, the remaining funds in Prop 68 have been exceeded by a large amount.

## **Wildfire Resilience**

- Wildfire Resilience Block Grants are now being implemented through establishment of contracts with the Plumas County Fire Safe Council and the Rebuild North Bay Foundation. Given that the 2020 North Complex Incident and 2020 Glass Incident burned in areas where the grantees are located, staff has begun the process of outreach and scheduling meetings with grantees in order to provide support related to implementation of these grants.

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

- California's selections for the fiscal year 2022 federal Forest Legacy Program (FLP) were successfully submitted on October 16, 2020. A total of three applications were evaluated by the California Resource Conservation District's Forest Stewardship Coordinating Committee utilizing the federal Project Scoring Guidance and the core program requirements. The three applications as scored by the committee and meeting state requirements were as follows:
  - Shackleford \$ 3.00 million
  - Brushy Mt. \$10.00 million
  - Trinity Timberlands \$ 3.00 million
  - TOTAL \$16.00 million

The projects have been added to the National Review pool and the panel will meet on November 18-19 to review and rank each project.

## **Prescribed Fire Program**

- The new online burn permit process is moving forward on schedule.

## **Environmental Protection Program**

- The CEQA curriculum development cadre is meeting at the Training Center this week to create the curriculum for a new and improved CEQA 40-hour class.
- The CLFA Archaeology 5-day class started on 10/26 in Redding.

## **Climate and Energy Programs**

- Forest Health (FH) Program hired two new Forester 1s. Nochella Funes will be taking over the administration of FH Grants in Northern CA and Ryan Wimmer will be responsible for Southern California. They will be starting in November and December. The third Forest Health Forester, Robin Bellows, who is responsible for FH Grants in the Sierra Nevada region, is currently a cadet in FFA at Ben Clarke Training Center.

- 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 begun connecting with stakeholders and working groups.

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

- A memorandum of Understanding (MOU) between CAL FIRE and the University of California's Center for Fire Research and Outreach has been established to foster long-term collaboration on fire- and forest-related research projects recognized as key gaps in knowledge by both institutions. The first program of work coming out under the MOU will be a grant to explore fire behavior and impacts associated with large fires from 2020 in both North-coastal and Sierra ecosystems.
- FRAP is nearing completion of an update to the Federal Forest Action Plan. This is an update to the 2010 report that was required under the Forestry Title of the Federal Farm Bill. FRAP will be sending the USFS a final draft at the end of the week. The report deadline is December, 2020.

## **Fire Protection**

### **Fire Protection Program**

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

- During the months of August and September, CAL FIRE Law Enforcement officers made 36 arrests and issued 90 citations (non-4291).
- CAL FIRE Civil Cost Recovery received \$3,991,452 in recovered fire suppression costs, over the last two months.
- On August 1, 2020, at approximately 10:05 PM, CAL FIRE was dispatched to a vegetation fire near the intersection of Iron Mountain Road and Keswick Dam Road in the community of Keswick in Shasta County. When firefighters arrived, they observed a male adult near the area of the fire acting irrationally. The man was contacted by CAL FIRE law enforcement officers and admitted to being under the influence of methamphetamines and to setting the fire. The subject was subsequently arrested and booked at the Shasta County Jail on arson related charges.
- On August 9, 2020, at approximately 11:56 AM, CAL FIRE responded to a wildland fire at South Avenue and Highway 41 in Fresno County. While responding, engine crews observed three additional fires around the Adams Avenue and Highway 41 area. Another fire was found at Sumner and Highway 41. In total, within a 20-minute period, there were seven separate fires along Highway 41 approximately one and a half miles apart. CAL FIRE law enforcement officers investigated the fires and identified and located a suspect who was arrested for arson and transported to the Fresno County Jail.



- On August 30, 2020, CAL FIRE responded to a series of approximately seven separate fires near Roads 400 and 406, south of Hensley Lake. The fires burned over 185 acres. CAL FIRE law enforcement officers responded and investigated the fires. The fires were determined to be arson caused and an adult female suspect was identified and interviewed. She admitted to igniting the seven fires and was taken into custody near the series of fires.
- On September 3, 2020, CAL FIRE law enforcement officers in Butte county executed an arrest warrant for an adult male. The suspect was arrested for multiple vehicle arson fires in the Stirling City area. The warrant service was conducted with the assistance of officers from Butte County Sherriff's Office and the Department of Fish and Wildlife.
- On September 7, 2020, CAL FIRE responded to a series of three fires along Highway 139 south of Adin. CAL FIRE law enforcement officers responded and determined the cause of the fires was a mechanical failure on a trailer which resulted in the loss of a tire, wheel and brake assembly. After igniting the fires, the driver continued to drive for approximately 40 miles. CAL FIRE officers tracked down the driver and he was arrested for recklessly causing the fires. The suspect was booked into the Lassen County Jail.
- On September 28, 2020, a CAL FIRE law enforcement officer in the Butte Unit responded to a wildland fire and during the investigation discovered two additional extinguished vegetation fires on the property which appeared to be within the past couple weeks. During the investigation the officer identified an adult male suspect and arrested him for multiple arson counts. The officer discovered the suspect to be an arson registrant and he was booked into the Butte County jail.

### **Fire Protection Operations**

- CAL FIRE's fire modeling and risk assessment software, provided by Technosylva, continued to be utilized during the September fire incidents including the Glass and Zogg Fires. Overall rollout and implementation progress continues.
- ALERTWildfire cameras online were used extensively to monitor fire conditions throughout the state and verify intelligence.
- Operations staff continued to provide significant Intel support to the CAL FIRE Director, Chief Deputy, and State Operations Center to support briefing the Administration and stakeholders.

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

- CAL FIRE posted an intent to award a contract for our Fixed-wing and Mechanics contract on October 23, 2020. DynCorp International was the successful bidder on this 3-year contract with two one-year extensions. This is AMU's primary contract supplying all our air tactical and air tanker pilots and all our mechanics. Significant changes for this new contract include an improved pilot schedule, the addition of the C-130 flight crews and C-130 maintenance crews, and the addition of Helicopter Base Mechanics for the S-70i/CAL FIRE HAWKS. This new contract will take effect on January 1, 2021.
- The Lockheed C-130 airtanker retardant drop system (RDS) contracting process with the U.S. Air Force is encountering delays. These delays are attributable to COVID-19,

and Air Force contract specifications over and above FAA requirements. CAL FIRE completed the bailment process of one aircraft from the Coast Guard to continue the training of our C-130 flight crews. This will be a non-tactical aircraft with no RDS installed. 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 effect at the Aviation Management Unit. No new cases at AMU.
- All air bases are staffed with aircraft, and with the continued dry conditions, we expect this to continue rather than start our normal fall closing. We must start winter maintenance on the airtanker fleet if we are going to get all the required winter maintenance completed in time for next fire season. As a result, we have brought two S-2's in from the field and replaced them with one EU airtanker and one CWN airtanker. This is at the Paso Robles and Redding Air Attack Bases. Activity has moderated somewhat for airtanker use and we still have 8 Exclusive Use helicopters and 2 Very Large Air Tankers, (VLATS) and 1 Large Air Tanker, (LAT) until November 21.
- S-70i CAL FIRE HAWK delivery is continuing. CAL FIRE is scheduled to pick up aircraft #4 and #5 the first week of January 2021. These two aircraft are destined for the Hemet and Boggs Mountain bases. This date was delayed from October due to changes made in the audio system after finding the original installations within HAWKs #1, #2, and #3 had some limitations that did not meet the contract specification. The last three CAL FIRE HAWKs #10, #11 and #12 have been ordered and are on the production line in Poland now.

### **Mobile Equipment Program**

- Nothing to report due to incident activity.

### **Cooperative Fire Program**

#### **Conservation Camp Program**

- The current statewide strength of CAL FIRE/California Department of Corrections and Rehabilitation (CDCR) is 90 Type I crews (15 crews have less than 12 offenders) leaving 75 crews available for statewide response (short 117 crews). There are currently 14 California Conservation Camp (CCC) crews staffed out of 15 total crews. A total of 104 Type I crews are staffed out of 207 total allocated, with only 89 available for statewide response.
- The process of depopulating 8 camps statewide (4 camps in Northern California and 4 camps in Southern California) has begun, which will result in a reduced CAL FIRE crew capacity of up to 40 crews.

#### **Crew Program**

- Deputy Chief Damon Godden was hired to oversee the Crew Program. Chief Godden will be the Department lead with the California National Guard and California Conservation Corps. He will work closely with the Conservation Camps Deputy Chief

on program issues and policy development. Additionally, Chief Godden will support the Fire Fighter I Crews provided in augmentation.

### **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 and 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**

- CAL FIRE has been approved for sixteen (16) Fire Management Assistance Grants (FMAG) this season. This was no easy task for the CAL FIRE Units involved to author the application form through the Governor's Office of Emergency (OES ABC Form). Of those sixteen, five (5) have been upgraded to Major Declaration. The FMAGs provide 75% reimbursement to CAL FIRE for suppression, evacuations, emergency and response operations and special projects such as infrastructure losses or damage. The Major Declaration will provide up to 100% reimbursement for a 30-day period during the lightning siege; 75% reimbursement for the remaining incident periods for those incidents.
- The FY20-22 California Department of Public (CDPH) Agreement has been signed and will be posted. This agreement with CDPH provides opportunities for the two agencies to work cooperatively during incidents concerning public health using the CAL FIRE Incident Management Teams. This agreement was exercised during the early response to COVID-19; all six (6) CAL FIRE Incident Management Teams rotated through the assignment providing operational, logistical and purchasing support to CDPH.
- State Fire Assistance (SFA) Grant allocations for FY20-21 Workshops have been completed by the CAL FIRE Grants Unit. In the event COVID-19 restrictions continue, the grants unit will apply for an extension and updated scope for the funds through the U. S. Forest Service.

### **Safety/EMS Program**

- Nothing significant to report due to incident activity.

### **Training Program**

- Training continues at the CAL FIRE Training Center with both FFA and COA classes continuing. Training Center South continued training with on FFA class.
- Both Training Centers' staff continue to assist in the statewide incident response.

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

### **Wildfire Planning and Engineering Division**

- Most of the Wildfire Planning and Engineering staff have been committed to large fire support since the start of the fires on August 15.

## **Wildfire Prevention Engineering**

- The DSpace program continues to see success despite COVID-19 and the 2020 fire season.
  - To date 2019 Compliant 110,065, Non-Compliant 25,272, Total 135,337
  - To date 2020 Compliant 121,366, Non-Compliant 24,572, Total 145,938
- DINS has been fully engaged on all CAL FIRE incidents since the start of the lightning fires on August 15. We are significantly ahead of last year.
  - To date for 2020, Destroyed 9,396, Damaged 1,061, Total 10,469
  - To date in 2019, Destroyed 555, Damaged 247, Total 802
- In May, we made a DSpace Self-Assessment Survey available online. To date, we have had 863 completed surveys with 616 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.
- Staff met with representatives from the Insurance Institute for Business and Home Safety (IBHS) to conduct a post wildfire damage analysis of the Glass Complex.

### **Fire Plan**

- One (1) SRA mapping-error has been identified in the 5-year-review dataset & fixed (in the San Luis Obispo Unit). The updated dataset is SRA20\_3 and will be posted on the FRAP website soon.
- The 2020 Unit Fire Plans are going 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 starting success story data collection 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 is 30 Nov – 04 Dec 2020 in Folsom. This training supports Unit and Contract County Pre-Fire Engineers.

### **California Incident Data & Statistics**

- Statewide, all fire departments continue to capture all COVID-19-related contacts for incident reporting purposes.
- The 2019 Redbook is in Quality Control status with regions, verifying correct fire and acreage data has been entered in the statewide database.

- The Data Entry Tool (DET) used to download statewide NFIRS data is scheduled to be decommissioned by the USFA in October. IT has developed an in-house version of this tool to enable OSFM to maintain the statewide incident database. This will be testing phase soon.

### **Land Use Planning**

- Continued discussions with the Office of Planning and Research to update to 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 sub-divisions statewide.
  - Office Tech was recently brought on board and has been training and beginning data mining.

### **Fire Prevention Grants**

- Staff continue working with BSO for the procurement of the Inter-agency agreements for the \$10 million appropriation.
- Staff have completed the Inter-agency agreement with the California Fire Safe Council for the \$5 million appropriation for defensible space.
- Staff continue working on success stories from previous grants that have been awarded.
- Fire Prevention Staff, Grants Management Unit, 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.



**CALENDAR YEAR 2020**  
**TIMBER HARVESTING INFORMATION THROUGH October 01, 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	103	112	39	55	0	0	12	9	154	176
THPs Returned	37	38	14	25	0	0	4	3	55	66
THPs Pre-Harvest Inspections	105	98	46	49	0	0	11	10	162	157
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	117	104	52	62	0	0	13	15	182	181
THP Approved Acres	31,405	24,407	41,214	52,538	0	0	4,444	7,990	77,063	84,935

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	1	4	0	0	0	1	13	9
NTMPs Returned	5	3	0	3	0	0	0	1	5	7
NTMPs Pre-Harvest Inspections	6	6	1	3	0	0	0	0	7	9
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	8	7	1	3	0	0	1	0	10	10
NTMP Approved Acres	1,509	2,018	519	1,132	0	0	438	0	2,466	3,150
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTOs Received	64	63	7	11	0	0	4	5	75	79

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 October 01, 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

California Forest Practice Rules - Exemptions and Emergency Notices  
Accepted by the Department of Forestry and Fire Protection through October 01, 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)	226	714,830	207	1,236,041
		Coast (Santa Rosa)	36	388,321	59	438,746
		Riverside (South)			1	240
		Sierra (Fresno)	17	23,713	48	60,911
		<b>Totals</b>	<b>279</b>	<b>1,126,864</b>	<b>315</b>	<b>1,735,938</b>
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		
		<b>Totals</b>	<b>96</b>	<b>543,988</b>	<b>0</b>	<b>0</b>
1038.6 (03/2019)	Butte Post Fire Recovery	Cascade (Redding)	397	923		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>397</b>	<b>923</b>	<b>0</b>	<b>0</b>
1038(a) (03/2019)	Christmas Trees	Cascade (Redding)	7	6,811	8	9,706
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)			4	6,533
		<b>Totals</b>	<b>7</b>	<b>6,811</b>	<b>12</b>	<b>16,239</b>
1038(k)	Drought Mortality	Cascade (Redding)	3	324		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	26	192		
		<b>Totals</b>	<b>29</b>	<b>516</b>	<b>0</b>	<b>0</b>
1038(d) (03/2019)	Drought Mortality and Unmerchantable Sawlog	Cascade (Redding)	3	325	14	3,684
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	2	40	13	3,245
		<b>Totals</b>	<b>5</b>	<b>365</b>	<b>27</b>	<b>6,929</b>
1038(j)	Forest Fire Prevention PILOT Project	Cascade (Redding)	3	258		
		Coast (Santa Rosa)	2	263		
		Riverside (South)				
		Sierra (Fresno)	1	120		
		<b>Totals</b>	<b>6</b>	<b>641</b>	<b>0</b>	<b>0</b>
1038(i)	Forest Fire Prevention Project	Cascade (Redding)	1	10		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>0</b>

California Forest Practice Rules - Exemptions and Emergency Notices  
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Rule	Type of Exemption	Admin Area	2019		2020	
			Number of Plans	Acres	Number of Plans	Acres
1038.3 (03/2019)	Forest Fire Prevention v2019	Cascade (Redding)	11	1,103	28	3,943
		Coast (Santa Rosa)	12	760	22	1,361
		Riverside (South)			1	50
		Sierra (Fresno)	4	908	1	30
		<b>Totals</b>	<b>27</b>	<b>2,771</b>	<b>52</b>	<b>5,384</b>
1104.1(a)	Less than 3 Acre Conversion	Cascade (Redding)	103	154	121	205
		Coast (Santa Rosa)	32	61	26	47
		Riverside (South)	1	3		
		Sierra (Fresno)	19	16	17	20
		<b>Totals</b>	<b>155</b>	<b>234</b>	<b>164</b>	<b>272</b>
1038(l)	Oak Woodland Management (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)	2	237		
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>2</b>	<b>237</b>	<b>0</b>	<b>0</b>
1038(e) (03/2019)	Oak Woodland Management v2019	Cascade (Redding)			1	112
		Coast (Santa Rosa)	2	94	5	56
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>2</b>	<b>94</b>	<b>6</b>	<b>168</b>
1038(m)	Post Fire Recovery (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038.5 (03/2019)	Post Fire Recovery v2019	Cascade (Redding)	1	1		
		Coast (Santa Rosa)	1	2		
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>
	Post Fire Recovery v2020	Cascade (Redding)			198	273
		Coast (Santa Rosa)			1	2
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>199</b>	<b>275</b>
1104.1(b)&(c)	Public / Private Utility Right-of-Way	Cascade (Redding)	159	107,303	119	168,273
		Coast (Santa Rosa)	72	152,240	55	155,875
		Riverside (South)	1	1		
		Sierra (Fresno)	89	25,711	83	72,093
		<b>Totals</b>	<b>321</b>	<b>285,255</b>	<b>257</b>	<b>396,241</b>

California Forest Practice Rules - Exemptions and Emergency Notices  
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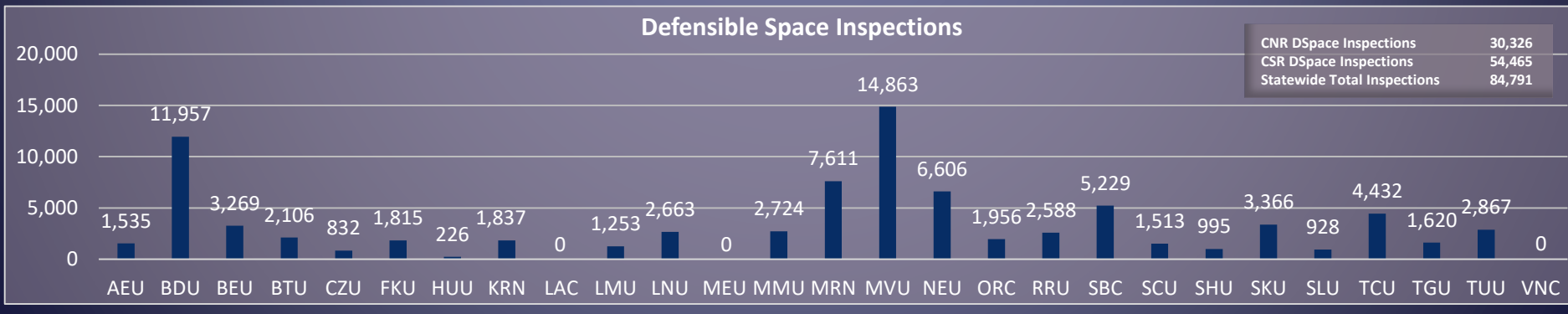
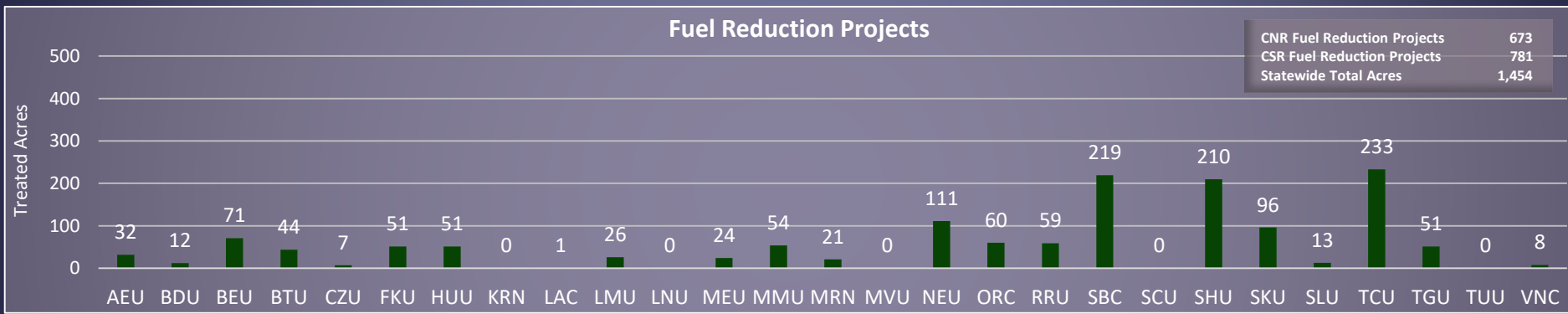
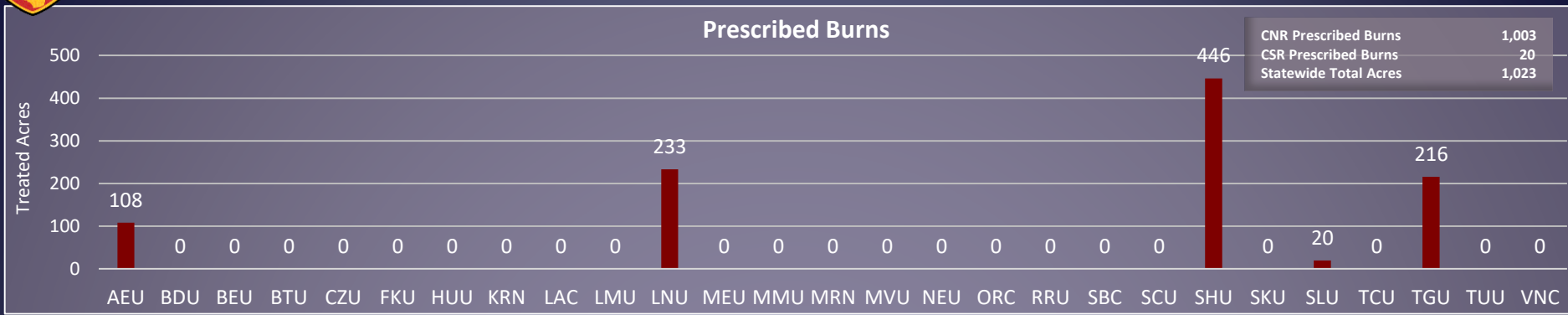
Rule	Type of Exemption	Admin Area	2019		2020	
			Number of Plans	Acres	Number of Plans	Acres
1038(f) (03/2019)	Small Timberland Owner	Cascade (Redding)	1	2	5	58
		Coast (Santa Rosa)	4	75	1	56
		Riverside (South)				
		Sierra (Fresno)	1	80		
		<b>Totals</b>	<b>6</b>	<b>157</b>	<b>6</b>	<b>114</b>
1038(c)	Structure Protection (0 to 150 feet)	Cascade (Redding)	20	94		
		Coast (Santa Rosa)	18	25		
		Riverside (South)				
		Sierra (Fresno)	11	22		
		<b>Totals</b>	<b>49</b>	<b>141</b>	<b>0</b>	<b>0</b>
1038(c) (03/2019)	Structure Protection (0 to 150 feet) v2019	Cascade (Redding)	263	358	239	427
		Coast (Santa Rosa)	58	1,090	83	1,817
		Riverside (South)			1	7
		Sierra (Fresno)	12	38	40	147
		<b>Totals</b>	<b>333</b>	<b>1,486</b>	<b>363</b>	<b>2,398</b>
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)				
		<b>Totals</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>
1038(c)(6) (03/2019)	Structure Protection (150 to 300 feet) v2019	Cascade (Redding)	12	41	27	97
		Coast (Santa Rosa)	16	88	16	81
		Riverside (South)				
		Sierra (Fresno)	2	5	2	18
		<b>Totals</b>	<b>30</b>	<b>134</b>	<b>45</b>	<b>196</b>
1038(d)	Substantially Damaged Unmerchantable Sawlog	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
1038(g)	Woody Debris and Slash Removal	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>All Exemptions</b>	<b>Grand Total</b>	<b>1,748</b>	<b>1,970,633</b>	<b>1,446</b>	<b>2,164,154</b>



Type of 1052 Emergency Notice		2019		2020				
		Admin Area	Number of Plans	Acres	Number of Plans	Acres		
Notice of Emergency Timber Operations		Cascade (Redding)	158	23,501	68	16,657		
		Coast (Santa Rosa)	34	4,736	13	688		
		Riverside (South)						
		Sierra (Fresno)	2	930	6	1,650		
		<b>Totals</b>	<b>194</b>	<b>29,167</b>	<b>87</b>	<b>18,995</b>		
<u>Emergency Conditions</u> More than one condition can be selected per Notice of Emergency Timber Operations - acreage may be reflected multiple times  *Others may include multiple emergency conditions		Drought		Cascade (Redding)	6	1,428	14	2,737
				Coast (Santa Rosa)				
				Riverside (South)				
				Sierra (Fresno)				
				<b>Totals</b>	<b>6</b>	<b>1,428</b>	<b>14</b>	<b>2,737</b>
		Fire		Cascade (Redding)	150	21,954	58	15,220
				Coast (Santa Rosa)	27	4,457	13	688
				Riverside (South)				
				Sierra (Fresno)	1	582	2	1,360
				<b>Totals</b>	<b>178</b>	<b>26,993</b>	<b>73</b>	<b>17,268</b>
		Insects		Cascade (Redding)	29	4,672	30	6,552
				Coast (Santa Rosa)				
				Riverside (South)				
				Sierra (Fresno)			2	3
				<b>Totals</b>	<b>29</b>	<b>4,672</b>	<b>32</b>	<b>6,555</b>
		*Others		Cascade (Redding)	249	39,097	155	35,532
Coast (Santa Rosa)	20			2,218	3	7		
Riverside (South)								
Sierra (Fresno)	1			582	6	861		
<b>Totals</b>	<b>270</b>			<b>41,896</b>	<b>164</b>	<b>36,400</b>		
Fuel Hazard Reduction (RM65)		Cascade (Redding)			16	1,724		
		Coast (Santa Rosa)						
		Riverside (South)						
		Sierra (Fresno)	4	1,124	5	584		
		<b>Totals</b>	<b>4</b>	<b>1,124</b>	<b>21</b>	<b>2,308</b>		
Fuel Hazard Reduction		Cascade (Redding)						
		Coast (Santa Rosa)						
		Riverside (South)						
		Sierra (Fresno)	1	193				
		<b>Totals</b>	<b>1</b>	<b>193</b>	<b>0</b>	<b>0</b>		
Sudden Oak Death Disease		Cascade (Redding)						
		Coast (Santa Rosa)						
		Riverside (South)						
		Sierra (Fresno)						
		<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		



# Fire Prevention Target Goals – FY 2020-2021 (July 1, 2020 – October 31, 2020)



	Target	Completed	% Completed
Broadcast/Prescribed Burn	30,000	1,023	3.41%
Combined Fuel Reduction Projects	20,000	1,454	7.27%
Defensible Space Inspections	250,000	84,791	33.92%