



Director's Report to the Board of Forestry



Teleconference Meeting

Registration link for this meeting is available on the Board of Forestry and Fire Protection website (<https://bof.fire.ca.gov/>).

August 19, 2020

Resource Management

Forest Practice Program

- **THP Submissions:** The number of THP submissions through July 31, 2020, was eight (8) more than the number of submissions through July of last year (133 compared to 125 in 2019).
- **NTMP/WFMP Submissions:** The total number of NTMP submissions through July 31, 2020, was three (3) less than the number of submissions through July 2019 (8 compared to 11 in 2019). Fifty-six (56) Notices of Timber Operations have been submitted thus far this year compared to forty-seven (47) for the same period in 2019. Zero (0) Working Forest Management Plans have been submitted thus far in 2020.
- **Exemption Notice Submissions:** There were 1,224 exemption submissions through July 31, 2020 compared to 1,287 through July 2019; a decrease of approximately 5%. 182 Post-Fire Recovery Exemptions have been accepted covering approximately 252 acres. 41 Forest Fire Prevention Exemptions were accepted for approximately 4,615 acres. 226 Utility Right-of-Way Exemptions have been accepted through July covering approximately 339,638 acres.
- **Emergency Notice Submissions:** Emergency Notice submissions were approximately 59% lower through July 31, 2020 than submissions over the same period last year (65 compared to 158 in 2019). Acreage in Emergencies through July 31, 2020 was approximately 69% lower than through July 2019 (7,995 acres compared to 25,643 in 2019).
- **Plan Approval:** The number of THPs approved through July 31, 2020 was nine (9) more than the number approved for the same period of 2019 (144 compared to 135 in 2019). The number of NTMPs approved was two (2) more than the number approved during the same period of 2019 (8 compared to 6 in 2019).

Watershed Protection Program Update

- 2020 Exemption Notice monitoring work updates:
 - 1038(c) fire structure protection (0-150 foot) Notice monitoring is continuing; 65 of 75 (87%) monitoring visits have been completed to date with initial data analysis.
 - 1038(c)(6) Exemption Notice monitoring (150-300-foot fire structure protection) is anticipated to begin shortly.
 - 1104.1(c) Utility Right-of-Way (ROW) Exemption Notice monitoring is also continuing, with observations digitally recorded for 7 Notices. The utility ROW questionnaire sent to the Review Team agencies has been completed by the North Coast and Central Valley Regional Water Quality Control Boards, State Water Resources Control Board, and California Geologic Survey.

- A draft erosion control educational PowerPoint has been prepared for presentation to utility ROW operators.
- A Watershed Emergency Response Team composed of CAL FIRE and California Geological Survey (CGS) personnel deployed to the Apple Fire on August 11 and are coordinating with two federal Burned Area Emergency Response (BAER) teams. WERT leader training materials were prepared and distributed to CAL FIRE Forester IIs and IIIs. WERT private contractor drone use is being investigated as a contingency in case helicopter reconnaissance flights during the pandemic are reduced.
- External reviews of the second draft of the California Forestry Report titled “Lessons Learned from More than Sixty Years of Post-Fire Assessment and Monitoring on Non-Federal Lands in California: 1956 to 2020” have been received and a revised version will be completed shortly. Additionally, a short summary paper will be prepared for a special edition journal publication.

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

- The timber operator licensing program has been successful in scheduling Timber Operator Licensing Classes through Shasta and Sierra Colleges. Seven classes will be offered in August, September and October and will follow COVID-19 Protocols. Registration will be limited to 12 and 15 students. To date, two classes have been completed and another is being taught as this report is being delivered today (8/19).
- Forester III-Enforcement and LTO Program Manager, Cary Japp has resigned and will begin employment with the California Department of Fish and Wildlife (CDFW) on September 1.

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

Table 1: LTO License Status

Status	#
New Applications Rec'd	14
Renewal Applications Rec'd	8
New Licenses Issued	14
Licenses Renewed	6
Incomplete Applications Rec'd	4
Applications Returned	11
Refunds Issued	0
Insurance Certificates Rec'd	146

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 July 31, 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 Program

Urban and Community Forestry

- Urban and Community Forestry Grant Agreements for fiscal year 19/20 are fully executed and grantees can begin work once they have met with their assigned Regional Urban Forester.
- The program has obtained urban tree canopy cover data processed from 2018 National Aerial Imagery Program (NAIP) imagery. The data is soon to be available in a viewer that will be hosted by the USDA Forest Service Region 5 Urban and Community Forestry Program that provided the funding utilized for this project. The data will be further analyzed soon, once a grant agreement is put in place to do so.

Prescribed Fire

- CAL FIRE is developing a new burn permitting process for prescribed fires that will be online. The Prescribed Fire Working Group (PFWG) met on July 28 to discuss the permit process and the development of an overarching guidebook. The next PFWG meeting is on August 25 to continue the progress on online permitting and creation of the guidebook.
- Environmental Protection Program Manager, Chris Browder is retired as of July 30. In addition to his position vacancy, there are two vacant Archaeologist positions. CAL FIRE Attorney, Kristen Vlavianos has drafted a memo entitled, "California Environmental Quality Act - Notice of Exemption: Minimum Requirements for Compliance" to clarify when CAL FIRE must file a CEQA Notice of Exemption (NOE) for certain project types.
- One vegetation treatment project identified as the "Pilot Project" in the Shasta-Trinity Unit is in the internal green sheet process for executive approval. One more project located in the San Mateo-Santa Cruz Unit is under review and will soon be in the green sheet process

Demonstration State Forests

Jackson (JDSF)

- Staff met with members of the Mendocino Trail Stewards group to discuss planned timber management on the west side of the Forest. The Trail Stewards outlined their goals and objectives for recreation on JDSF.
- Land surveyors identified a number of encroachments onto JDSF lands. Letters have been sent to each landowner notifying them of the encroachment and staff has been working with CAL FIRE Tech Services, Legal, and Resource Management on consistent approaches to address these.

- Staff conducted a field training for collecting redwood sprout cultivars for the Redwood Tree Improvement Cooperative. Staff collected eight candidate cultivars and delivered them to the lab in Fortuna on July 29.
- The Mendocino Coast Cyclists began construction of the Observatory Trail. Two mini Kubota excavators will be used to construct a multi-use trail with an outsloped surface with gradient reversals.
- Wildlife surveys have been completed for the year:
 - Low numbers of northern spotted owls (NSO) were detected and single barred owls are occupying historic NSO activity centers on the east end of the Forest.
 - eDNA samples were collected by Washington State University.
 - No marbled murrelets were detected at any of the nine habitat areas surveyed.
- During fiscal year 19/20 approximately 11.7 million board feet (MMBF) of timber was harvested on five timber sales bringing in \$6.7 million in revenue. Redwood accounted for approximately 55% of the total volume and 95% of the revenue.

Mountain Home (MHDSF)

- Campgrounds have been at capacity starting on Thursdays and extending until Sundays through the month of July.
- Despite the COVID-19 messaging to pack out what you pack in, the amount of trash collected has far exceeded previous years. A thirty-yard dumpster is being filled every week and the vault toilets are requiring more frequent servicing.
- Camping revenue totaled \$23,184.00 in the month of July.
- Preparations for the Forest Information Trail prescribed burn unit are ongoing. Staff is collecting data to establish a baseline on forest floor surface fuel loads to study the efficacy of performing pre-fire treatments prior to using prescribed fire to reduce forest fuel loads.

Boggs and Las Posadas

- The first year of NSO calling since 2015 is complete at Las Posadas with no detections.
- A Fire and Resource Assessment Program research team facilitated additional drone surveys at Boggs in support of the University of California Davis tree regeneration study.
- An onsite meeting was held between CAL FIRE and Pacific Union College to address congestion along Los Posadas Road caused by their popular recreation program. This is impacting the Los Posadas Fire Station and contributing to trespass on the Forest.

Soquel (SDSF)

- The Greenhouse Gas Reduction Fund grant for the California Conservation Corp (CCC) work has been completed with a total of 3803 hours of shaded fuelbreak and chipping at the Forest during 2019 and spring of 2020.
- All work on the Longridge Timber Sale is complete. 759 thousand board feet (MBF) redwood and 49 MBF Douglas-fir (808 MBF total) were harvested for a total revenue of \$402,420.00.

- A monitoring report was received for the 2017-18 SDSF Large Woody Habitat Complexity and Streambank/Road Repair Project, completed by CGS Geologist Cheryl Hayhurst.
- Herpetology researcher Lawrence Erickson started a new research project approved by CDFW to survey for Giant Salamanders in streams in SDSF. The species was designated a California Species of Special Concern in 2016.

Forest Pest Management

- Staff continues to work on the new Mediterranean Oak Borer (MOB) complex that is killing valley and blue oaks in Napa, Lake and Sonoma Counties. Work involves trapping methods, survey, monitoring, beetle and fungal biology research and management and control options.
- The zone of infestation for gold spotted oak borer (GSOB) is being updated and there will be a request to expand it in San Bernardino County.
- Staff is working on a proposed zone of infestation for the invasive shot hole borer complexes in southern California.
- Incense cedar trees throughout California are showing indications of limb dieback, sometimes leading to entire tree death. Staff is trying to determine the cause and the extent of the problem.

Forest Biometrics

- The Forest Inventory Analysis (FIA) intensification project contract has been fully executed and the contractor will begin work in August.
- LaTour Demonstration State Forest (LDSF) continuous forest inventory (CFI) redesign to fixed radius plots is nearing completion. The existing CFI database for all years 1964-present has been fully digitized and checked for continuity.
- Option A modeling for the LDSF update is ongoing.

Wildfire Resilience Program

Lewis A. Moran Reforestation Center (LAMRC)

- LA Moran Reforestation Center Staff have completed interviews for the Environmental Scientist-Assistant Nursery Manager position. A successful candidate was chosen from CDFW and the candidate is expected to begin on August 18, 2020.
- LA Moran Reforestation Center Staff are working with El Dorado County Resource Conservation District on an inter-agency agreement to better define the relationship associated with the growing and selling of seedlings on speculation at the USFS Placerville Nursery.
- LA Moran Reforestation Center staff has begun receiving cone surveys from the Units. Based on information received so far it appears it will be an overall light to fair cone season.

Staff will be working with Units to monitor crops and start pursuing collections where available and pending landowner permission.

California Forest Improvement Program (CFIP)

- California Forest Improvement Program (CFIP)- The final quarter of CFIP funding under Prop 68 will close August 30, 2020, with approximately \$1 million left to allocate for the next round of projects. Following this allocation, it is anticipated the CFIP program will fund future applications using California Climate Investment grant funds.

Wildfire Resilience

- Wildfire Resilience and Forestry Assistance Block Grants are now being implemented through establishment of contracts with the Plumas County Fire Safe Council and the Rebuild NorthBay Foundation.

Forest Legacy Program (FLP)

- The following Forest Legacy projects have closed escrow in June 2020:
 - **McKay/Ryan Creek-** The McKay/Ryan Creek project will protect from development 6,164 +/- acres in Humboldt County.
 - **Butler Property a.k.a. Spring Garden Preserve-** This project contains 192 acres in Placer County.
 - **The Scott Property Forest Legacy Project** is 320 acres of mixed forestland in Napa County.

The following projects are nearing closure:

- **The Arrowhead Ridge Forest Legacy Project** 78-acre parcel located southwest of Lake Arrowhead.
- **Diamond D Forest** is a 2,960-acre family-owned working forest and ranch in Humboldt County.

Climate and Energy Program

- As has happened in past years, the Greenhouse Gas Reduction Fund (GGRF) budget is being handled separately from the general fund budget and will be passed through a trailer bill in August or September. We do not yet know when or if there will be a “final” GGRF budget. Department of Finance has been clear that budget loads this year will be “pay-as-you-go”, which means that each department will get a set percentage of the proceeds from the quarterly emission credits auctions. Staff salaries and other state obligations will be the highest priority, with the remaining divided between departments for grants and other projects.

We will hold the grants solicitation for Forest Health Grants, with the schedule determined by when we get reasonable certainty that there will be some funds for grants, no earlier than August 31.

- The Program has completed an agreement with IBank to manage \$3 million for low interest investment loans for bioenergy and wood products startups.

Fire and Resource Assessment Program (FRAP)

- Forest Inventory and Analysis (FIA) Intensification – Jeff Leddy with the Forest Biometrics Program provides contract oversight with **Integrated Resource Inventories, Inc.** for FIA plot remeasurements. This will double the number of plots and cut the remeasurement interval in half, from every 10 years to every 5 years. Training is completed and the contractor is working through the certification process.
- A joint report produced by CAL FIRE and the California Air Resources Board (CARB) titled, “An overview of forest carbon quantification and reporting for the AB 1504 and CARB NWL inventory” is in final review stages with completion expected by October 2020.
- Groom Analytics, LLC is nearing completion of revising the Harvested Wood Products Carbon model via a contract between ODF and OSU. Revisions were needed to correct errors in the code leading to approximately 1% of the harvested carbon to disappear from calculations, and to correct errors in Monte Carlo Analysis of Uncertainty. FRAP recently received preliminary results with the corrected model for the 2018 harvest year to incorporate into the AB 1504 2018 update.
- The forest ecosystem portion of the Pacific Coast Temperate Forest Regional Carbon report has been jointly funded through FRAP and BOF and under agreement with USFS PNW-FIA. The timber (i.e. log and chip) and finished product flow analysis within and beyond the region as part of the harvested wood product portion of the report has been funded by PNW-FIA and under agreement with University of Montana-Bureau of Business and Economic Research and UC-Berkeley. Work is beginning with a final report on forest ecosystem and harvested wood product carbon for California, Oregon, Washington, and British Columbia anticipated in 2022.
- 2020 field season data collection for the Logging Utilization study is underway. The Logging Utilization study will yield not only updated logging utilization factors necessary to accurately estimate removals from inventory in California; it will provide details on harvested tree sizes, stump heights, felling and yarding methods, silvicultural prescriptions, tree diameter at the end of utilization, the fate of logging residues and other timber harvest and logging residue characteristics. Final report is anticipated in 2022.
- Current monitoring locations for the prescribed fire monitoring program: Caples Fire (Eldorado NF), Calaveras Blg Trees SP, Inyo NF, Modoc NF, French Meadows (TNC), DL Bliss SP, Sugar Pine Point SP, Burton Creek SP, El Dorado Irrigation District (AEU), Stanislaus NF, Sierra Pacific Industries, and other sites are still pending. Preliminary results scheduled for presentation at the Natural Areas Association conference in October 2020.
- FRAP is working with the Technosylva and Intterra contractors to assess CAL FIRE spatial data input needs for improving the Wildfire Analyst and Operations Module application user experiences. FRAP is delivering the data in formats that the custom applications are capable of ingesting.
- Modeling progress on Fire Hazard Severity Zone (FHSZ) map updates is ongoing. Workshops in four pilot counties are planned for the fall to review and calibrate the zone classification. A presentation to the Board of Forestry and Fire Protection will follow the workshop meetings.

- CalMAPPER is CAL FIRE's web-based GIS application for capturing fuels reduction projects. The application was recently updated to accommodate CalVTP data capture and reporting. The CalMAPPER team is working closely with the Forest Health program to accommodate their projects and provide support for reporting.

Fire Protection

Fire Protection Program

Law Enforcement/Civil Cost Recovery

- Last month, CAL FIRE Law Enforcement officers made 24 arrests and issued 129 citations (non-4291).
- CAL FIRE Civil Cost Recovery received \$2,288,809.04 in recovered fire suppression costs, last month.
- On June 3, 2020, the Governor's Office of Emergency Services tasked CAL FIRE law enforcement officers with assisting during the response to statewide civil unrest. 17 CAL FIRE peace officers were assigned to assist other law enforcement agencies and the National Guard within the City of Sacramento. Department peace officers were assigned multiple duties, including providing protection to local fire personnel responding to fires and medical emergencies associated with the civil unrest and protecting infrastructure from damage by rioters.
- On June 6, 2020, two wildland fires were started behind residences in Palermo, Butte county. Witnesses identified a suspect, who fled on foot when CAL FIRE peace officers arrived. Oroville police detained the suspect the next day and CAL FIRE officers interviewed the suspect who admitted to lighting the fires. The suspect was arrested and booked into the Butte county jail.
- On June 15, 2020, CAL FIRE was dispatched to multiple fires along Interstate 5 near Shasta Lake City. Witnesses identified a subject walking in the area who was identified by sheriff deputies and released. CAL FIRE peace officers conducted the fire investigation and found evidence connecting the subject to the fires. CAL FIRE officers located the subject the following day and arrested the subject for multiple counts of arson.
- During the last two weeks of May 2020, nine wildland arson fires occurred in the Palm Desert area of Riverside county. CAL FIRE peace officers conducted the investigation into the fires and after several weeks of follow-up, identified a suspect and obtain an arrest warrant. On June 16, CAL FIRE officers located the suspect living in a transient camp and placed him under arrest for multiple counts of arson.
- On June 17, 2020, CAL FIRE responded to a wildland fire west of Redding. CAL FIRE peace officers determined the fire was caused by a flare gun being shot into the dry vegetation. During the investigation, the officers identified a suspect and located her the next day. The suspect was arrested and booked into the Shasta county jail.
- On June 20, 2020, at approximately 7:30 PM, CAL FIRE responded to a wildland fire near the city of Yucaipa, San Bernardino county. While fire department resources were extinguishing the fire, a citizen told them they witnessed a subject start the fire. A description was given to CAL FIRE peace officers who conducted an area check

for the individual. A subject matching the description was contacted and admitted to starting the fire. The suspect was arrested for arson and booked into the county jail.

- On June 23, 2020, at approximately 2:00 AM, CAL FIRE responded to multiple wildland fires near Clearlake Oaks, Lake county. While extinguishing the fires, crews observed a subject hanging out in the area and Lake county Sheriff Deputies detained the subject. CAL FIRE officers completed the fire investigation and determined the subject was responsible for lighting the fires. CAL FIRE officers arrested the subject for multiple counts of arson.
- Between June 26, 2020 and June 30, 2020, CAL FIRE peace officers in Nevada county arrested seven subjects for felony possession and transportation of dangerous fireworks into California.

Fire Protection Operations

- The Madera Mariposa Merced Unit, San Mateo Santa Cruz Unit, and Shasta Trinity Unit are all live with Text to 911. CAL FIRE is ahead of many primary Public Safety Answering Points in terms of being ready to accept texts, and we are prepared to receive them when the primary agency is ready. Training is ongoing with the Emergency Command Centers.
- Technosylva, CAL FIRE's fire modeling and risk assessment software, implementation progress continues. To date over 100 CAL FIRE employees have received the training. The Regions have started the hiring process for the Research Data Specialist-2 positions who will be dedicated users and trainers on the program. Fire Protection Operations approved a program enhancement for the software to include the FiRresponse tactical use tool (Common Operating Picture). This enhancement will allow the user the ability to view the intel on a mobile or desktop device. Technosylva is also developing a dashboard for Executive use.
- Currently there are 109 ALERTWildfire cameras online and displaying the CAL FIRE logo. An additional 18 cameras have been scheduled for installation. The feeds from these cameras will be viewable through the Technosylva products.

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

- On July 28, 2020, a CAL FIRE S2-T airtanker (T-96) touched down short of the runway surface at Rohnerville airport, near Fortuna. The impact with the elevated edge of the runway caused a failure of the left landing gear resulting in a collapse of the landing gear. The pilot was able to maintain directional control of the aircraft and keep it upright as it continued down the runway approximately 2200 feet. The pilot sustained no injuries and the aircraft is repairable. The aircraft was blocking the runway for approximately 24 hours before we could get a crane and the required equipment to lift it and get it moved without causing further damage. The aircraft underwent inspection and field repairs, (replacement landing gear, including tire and wheel, engine and propeller, replaced due to ground strike etc.) to get it in condition for a one-time ferry flight to McClellan. The successful ferry flight took place August 7, 2020, and the aircraft is now back at McClellan. The next few weeks will involve detail inspection and Non-Destructive Testing, (NDT) with ultrasound, eddy current and possibly x-ray of the landing gear attach points to the wing and the entire airframe structure. If we do not find any unexpected damage, T-96 should be back in the field this fire season.
- The Lockheed C-130 airtanker retardant drop system (RDS) contracting process with the U.S. Air Force is progressing. We are near finalization of 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.

- All air bases are staffed with their full complement of aircraft. Activity has been busy on initial attack and extended attack fires. Three CWN airtankers hired for two weeks to support incidents and predicted lightning activity (2 Very Large Air Tankers, (VLATS) and 1 Large Air Tanker, (LAT)). Both VLATS have now been released.
- We are on schedule to receive the next S-70i CAL FIRE HAWK (aircraft #4) the week of October 12th. This aircraft will be for the Hemet base. We should also receive 2 more aircraft before the end of the year for the Boggs Mountain and Hollister bases if United Rotorcraft's schedule remains unchanged. The last three CAL FIRE HAWKS will be ordered soon.
- The CAL FIRE HAWK transition training for Vina Helitack base took place the weeks of July 6 and July 13. The training was very successful, and we continued to expand our knowledge and experience with this new aircraft. After the training, the Tehama Glenn Unit (TGU), Aviation Management Unit (AMU) and Tactical Air Operations (TAO) agreed that they were ready to operate the new aircraft for emergency response. This first aircraft was placed into service the morning of Saturday July 18, 2020. This was an exciting accomplishment for CAL FIRE.
- The transition training for the second base, Columbia Helitack Base, is currently scheduled for October 5-16.
- Infrastructure improvements at specific helitack bases continue. Construction on the landing pad improvements at Columbia Helitack Base has started with completion expected September 20. This will increase the current size of the pad to accommodate the S-70i. Plans for pad expansions at Prado, Hemet, Howard Forest, Bieber and Kneeland are underway, in varying degrees. Bear Valley Helitack Base is moving to Hollister Airport and Alma Helitack Base is moving to Moffett Field. Both moves were required because their existing locations would not accommodate this larger aircraft.
- Air Tactical Group Supervisor (ATGS) field training has been underway. Students that graduated from the two-week course on June 12, 2020 are now out in the field flying on fires with a trainer to complete their lengthy task books. Two students have been signed off/qualified to date and four students are currently assigned to aircraft. Fire activity has been increasing so additional students should be completed in the weeks to come.
- Work within the Unmanned Aerial System (UAS) continues. CAL FIRE is in the process of completing a Certificate of Authorization (COA) for the Department to operate UAS beyond Part 107 regulations (such as at night, over water and persons, extended line of sight, etc.). An additional COA is being written for UAS operations over 55 lbs., cooperator use, and beyond visual line of sight (BVLOS). Progress has also been made with the purchase of our first group of approved UAS vehicles (drones).

Mobile Equipment Program

- Davis Mobile Equipment staff are in process of outfitting newly acquired vehicles, completing equipment purchasing and acquiring vehicle registrations.

Cooperative Fire Program

Conservation Camp Program

- Finalized a Memorandum of Understanding with the California Conservation Corps (CCC) on the exclusive use of 6 crews through October 31st. Funding for the crews was through the Fire Protection Augmentation 20-21. Crews will be staffed at the Stockton Delta (TCU), Tahoe (AEU), Fortuna (HUU), Shasta (SHU) and Los Pinos (RRU) Camps. Crews are currently being trained and will be supervised by CAL FIRE Fire Captains provided by the host Units and will, at a minimum, be trained and utilized as Type II fire crews.
- The current statewide strength of CAL FIRE/California Department of Corrections and Rehabilitation (CDCR) is 131 Type I crews (23 crews have less than 12 offenders and 5 are being quarantined) leaving 103 crews available for statewide response (short 89 crews). There are currently 15 California Conservation Camp (CCC) Type I crews staffed out of 15 total crews (4 of those crews are being quarantined). A total of 143 Type I crews are staffed out of 207 allocated with only 114 available for statewide response.
- CDCR's series of release actions to further decompress the State's prisons to maximize space for physical distancing, and isolation/quarantine efforts continues to impact the Camp program. The current crew strength is 1,659 out of the allocated 3,196 offenders, leaving 61 Type I crews out of the allocated 192 down staffed statewide.
- COVID-19 continues to impact the Camp program, California Correctional Center in Northern California which trains all of the offenders for the camps in the north remain on lockdown due to that institution being declared as having an outbreak, which leaves only Sierra Conservation Center in Jamestown to train offenders for both north and south camps. There are two camps currently being quarantined, one California Department of Corrections and Rehabilitation (CDCR) camp with 5 crews and one California Conservation Corps (CCC) camp with 4 crews.

Local Government Program

- Nothing new to report.

State-Federal Program

- The current ten (10) Joint Task Force (JTF) California National Guard Crews are providing the units with hazardous fuels mitigation and fire response. The Federal Title 32 continues to fund the JTF Fire Crews although we anticipate funding to transition to a combination of Federal and State funding. Currently we have two crews in SHU, two in NEU, one in BEU, one in SLU and four in FKU.
- We have renewed the six (6) Contract Counties agreements for fire protection and prevention on SRA lands through June 30, 2023. Business Services Office is currently processing the signed agreements.

Safety/EMS Program

- COVID related issues continue to dominate the Safety and EMS Programs along with Occupational Health and Wellness discussions to support the field and Incident Management Team activations.
- Safety/EMS have been working with the California Emergency Medical Services Authority (EMSA) to evaluate COVID testing options through their CAL-MAT (Medical Assistance Team) program during large incidents. CAL-MAT has been

deployed on three of our incidents this year (Mineral-Fresno County, Hog-Lassen County, Gold-Shasta/Lassen/Modoc County).

- All orders for the mask project for employees have been received. Distribution is still in process with excess being used to create a reserve cache. Additional COVID related supplies have been distributed to the Units through the EMS Program.
- COVID supply caches that were distributed to each Region have both been used on incidents.
- The EMS Program continues to focus on the ePCR (electronic patient care report) project with Image Trend after dealing with COVID related delays. Image Trend is the same vendor used for the CALFIRS reports.
- The Annual Focus on Safety was distributed to the field last week. This document covers safety related training for all employees. Completion of the training will be documented online through Target Solutions, our learning management system.

Training Program

- Firefighter Academy 6-20 and Firefighter Academy 7-20 graduated Friday, August 7, 2020. Firefighter Academy 6-20 graduated from Training Center South with 43 students and Academy 7-20 graduated from the Training Center with 46 students. Both graduations were digitally recorded and are posted on the CAL FIRE Training Center YouTube channel.
- Company Officer Academy 5-20 graduated 37 students on Friday, August 7, 2020, at the Training Center. Sacramento Communications Unit covered the video footage and it is now posted to the CAL FIRE Training Center YouTube channel.
- The distance learning Company Officer Academy 3-20 (first class effected by the March 23rd COVID-19 shutdown) returned this week to complete their one week of Command and Control classroom requirements and will be graduating August 14, 2020, at the Training Center. Sacramento Communications Unit will provide a live feed and it will be posted to the CAL FIRE Training Center YouTube channel.
- The Department Training Course Catalog has been completed. This 84-page catalog outlines all classes taught by the Department Training Program giving Department employees a document to reference when selecting required and desired training as outlined in the Employee Development Guides, handbook section 4021.
- The Training Program is currently working with the State college system (specifically Chico State) on an accredited bachelor's/master's degree programs. This will allow Department personnel to receive credit towards various degrees relating to Department taught classes.

Office of the State Fire Marshal

Wildfire Planning and Engineering Division

Wildfire Prevention Engineering

- The Defensible Space Program continues to see success despite COVID-19
 - To date 2019 Compliant 69,586, Non-Compliant 15,473, Total 85,059
 - To date 2020 Compliant 87,856, Non-Compliant 16,375, Total 104,240

- Damage Inspection (DINS) is starting to ramp up, we are far ahead of last year with more to come for the current Stagecoach Fire in Kern.
 - To date 2019 Destroyed 9, Damaged 0, Total 9
 - To date 2020 Destroyed 55, Damaged 31, Total 86
- Staff continues to work with Napa County on the implementation of a collaborative inspection application to conduct defensible space inspection to PRC 4291 and the county ordinance.
- 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

- The Fire Hazard Severity Zone remap is ongoing.
- Staff are reviewing the 2020 Unit Fire Plans (annual updates) for ADA compliance.
- Significant fuels project ‘success stories’ for the following incidents:
 - LMU Hog Fire – Multiple fuel reduction projects helped moderate fire behavior around the community of Lake Forest west of Susanville, protecting the community. These projects also protected powerlines in the area and were utilized by suppression personnel to start fire control lines from.
 - RRU Apple Fire – Fuel reduction projects around the Oak Glen Fire Camp helped moderate fire behavior to allow firefighters to defend and save the camp.
 - SLU Pond Fire – Several fuel reduction projects near where the fire started helped keep the fire small.

California Incident Data & Statistics

- Statewide, all fire departments continue to capture all COVID-19-related contacts for incident reporting purposes.
- Staff continue working on completing the 2019 Redbook.
- The Data Entry Tool (DET) used to download statewide NFIRS data is scheduled to be decommissioned by the USFA in October. Staff is working with IT to develop an in-house version of this tool to enable OSFM to maintain the statewide incident database.

Land Use Planning

- Matt Damon and Edith Hannigan presented the first in a series of trainings to CAL FIRE staff on Fire Safe Development Regulations. The training was well received.
- 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.
- Continued efforts for formal safety element reviews for the BOF during this first HCD Housing Element Cycle.

Fire Prevention Grants

- Staff are 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.

CALENDAR YEAR 2020
TIMBER HARVESTING INFORMATION THROUGH July 31, 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	89	88	26	39	0	0	10	6	125	133
THPs Returned	26	30	8	18	0	0	3	3	37	51
THPs Pre-Harvest Inspections	84	83	27	41	0	0	10	9	121	133
THPs with NON-Concurrence	0	0	0	1	0	0	0	0	0	1
THPs Denied	0	0	0	0	0	0	0	0	0	0
THPs Approved	94	84	34	48	0	0	7	12	135	144
THP Approved Acres	23,870	20,163	20,785	40,770	0	0	2,494	6,486	47,149	67,419

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020
NTMPs Received	10	3	1	4	0	0	0	1	11	8
NTMPs Returned	1	3	0	3	0	0	0	0	1	6
NTMPs Pre-Harvest Inspections	3	5	1	2	0	0	0	0	4	7
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	5	6	0	2	0	0	1	0	6	8
NTMP Approved Acres	676	1,968	0	980	0	0	438	0	1,114	2,948
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTOs Received	39	43	6	10	0	0	2	3	47	56

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	0	0	0	0	0	0	0	0
WFMPs with NON-Concurrence	0	0	0	0	0	0	0	0	0	0
WFMPs Denied	0	0	0	0	0	0	0	0	0	0
WFMPs Approved	0	0	0	0	0	0	0	0	0	0
WFMPs Approved Acres	0	0	0	0	0	0	0	0	0	0

**CALENDAR YEAR 2020
TIMBER HARVESTING INFORMATION THROUGH July 31, 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 July 31, 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)	146	605,990	170	1,073,695
		Coast (Santa Rosa)	24	383,515	47	435,369
		Riverside (South)			1	240
		Sierra (Fresno)	9	22,953	36	5,597
		Totals	179	1,012,458	254	1,514,901
1038(a)&(b)	10% Dead, Dying or Diseased Fuelwood or Split Products	Cascade (Redding)	74	496,274		
		Coast (Santa Rosa)	17	28,855		
		Riverside (South)	1	240		
		Sierra (Fresno)	3	18,579		
		Totals	95	543,948	0	0
1038.6 (03/2019)	Butte Post Fire Recovery	Cascade (Redding)	302	786		
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	302	786	0	0
1038(a) (03/2019)	Christmas Trees	Cascade (Redding)	3	840	3	850
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)			2	27
		Totals	3	840	5	877
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)	1	212	12	1,524
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)			12	3,240
		Totals	1	212	24	4,764
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 July 31, 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)	7	688	24	3,570
		Coast (Santa Rosa)	8	525	16	995
		Riverside (South)			1	50
		Sierra (Fresno)	4	908		
		Totals	19	2,121	41	4,615
1104.1(a)	Less than 3 Acre Conversion	Cascade (Redding)	82	122	99	166
		Coast (Santa Rosa)	21	42	19	33
		Riverside (South)	1	3		
		Sierra (Fresno)	10	9	15	19
		Totals	114	176	133	218
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)	1	44	3	28
		Riverside (South)				
		Sierra (Fresno)				
		Totals	1	44	4	140
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)			182	252
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	182	252
1104.1(b)&(c)	Public / Private Utility Right-of-Way	Cascade (Redding)	134	61,723	99	136,827
		Coast (Santa Rosa)	58	129,298	53	153,192
		Riverside (South)				
		Sierra (Fresno)	82	23,625	74	49,619
		Totals	274	214,646	226	339,638

California Forest Practice Rules - Exemptions and Emergency Notices
Accepted by the Department of Forestry and Fire Protection through July 31, 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)	1	2	4	50
		Coast (Santa Rosa)	1	30	1	56
		Riverside (South)				
		Sierra (Fresno)	1	80		
		Totals	3	112	5	106
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)	130	200	204	381
		Coast (Santa Rosa)	44	1,067	68	1,175
		Riverside (South)			1	7
		Sierra (Fresno)	7	30	39	146
		Totals	181	1,297	312	1,709
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)	10	31	24	89
		Coast (Santa Rosa)	13	64	12	49
		Riverside (South)				
		Sierra (Fresno)	2	5	2	18
		Totals	25	100	38	156
1038(d)	Substantially Damaged Unmerchantable Sawlog	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(g)	Woody Debris and Slash Removal	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
	All Exemptions	Grand Total	1,287	1,778,291	1,224	1,867,376

Type of 1052 Emergency Notice		2019		2020				
		Admin Area	Number of Plans	Acres	Number of Plans	Acres		
Notice of Emergency Timber Operations		Cascade (Redding)	128	20,922	55	7,256		
		Coast (Santa Rosa)	29	4,139	8	452		
		Riverside (South)						
		Sierra (Fresno)	1	582	2	287		
		Totals	158	25,643	65	7,995		
<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)	4	1,286	13	2,697
				Coast (Santa Rosa)				
				Riverside (South)				
				Sierra (Fresno)				
				Totals	4	1,286	13	2,697
		Fire		Cascade (Redding)	122	19,517	47	6,013
				Coast (Santa Rosa)	22	3,860	8	452
				Riverside (South)				
				Sierra (Fresno)	1	582		
				Totals	145	23,959	55	6,465
		Insects		Cascade (Redding)	17	2,692	27	3,994
				Coast (Santa Rosa)				
				Riverside (South)				
				Sierra (Fresno)				
				Totals	17	2,692	27	3,994
		*Others		Cascade (Redding)	190	32,086	132	22,951
Coast (Santa Rosa)	17			1,771	2	5		
Riverside (South)								
Sierra (Fresno)	1			582	5	859		
Totals	208			34,439	139	23,815		
Fuel Hazard Reduction (RM65)		Cascade (Redding)			12	1,157		
		Coast (Santa Rosa)						
		Riverside (South)						
		Sierra (Fresno)			2	119		
		Totals	0	0	14	1,276		
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		