



Director's Report to the Board of Forestry



September 21-22, 2021

Resource Management

Forest Practice Program

Watershed Protection Program Update

- On August 31, 2021, after 40-years to the day with the California Department of Forestry and Fire Protection, Forester III Watershed Protection Program Manager, Pete Cafferata retired from a distinguished career in service to the citizens and natural resources of California.
- Staff completed an internal draft of the §1038(c)(6) 150-300 foot Structure Protection Exemption monitoring report. The draft is currently under internal program review and presentation to the Board is anticipated in the fall-winter.
- Staff is currently juggling assignments to the Dixie and Caldor Incidents with field sampling of §1038.3 Forest Fire Prevention Exemptions.

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

A Licensed Timber Operator Training Course was provided by the CAL FIRE Humboldt-Del Norte Unit Forest Practice staff on August 16-17, 2021.

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	25	Under Review	4
Renewal Applications Rec'd	20	Developed for Signature	0
New Licenses Issued	25	CPO Signed, Mailed, Served	10
Licenses Renewed	18	Hearing(s) to be Scheduled	14
Incomplete Applications Rec'd	14	Settlement Mitigation	6
Applications Returned	20	Payments	17
Refunds Issued	1	Probation	1
Insurance Certificates Rec'd	297	Judgement Sought/Needed	23
		Final Order/Default	18
Total Valid LTOs	1213	Total	93

Table 3: Forest Practice Civil Penalty Collection

Case Status	# of Cases	Amount Collected	Total Amount Due
Adjudicated	24	\$388,500	\$109,200
Default	46	\$785,800	\$260,300
Paid per CPO	16	\$135,000	\$135,000
Settled	89	\$773,405	\$665,855
Totals	175	\$2,082,705	\$1,170,355

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

Resource Protection and Improvement Program

Urban and Community Forestry

- Urban and Community Forestry Grant concept proposals have been rated by reviewers. Correspondence requesting full proposals will be sent to the top-rated applicants pending confirmation of available budget.
- Staff is working with FRAP and others to incorporate Urban and Community Forestry Projects into the Cal Mapper database.

Demonstration State Forests

- The National Forest Closure led to an increase in Demonstration State Forest recreational use, especially over the Labor Day Holiday.

Jackson (JDSF)

- Dr. Chris Surfleet has a second publication of hydrologic and suspended sediment effects of forest roads. The results indicate that modern road systems under current forest practice rules reduced road effects on peak flows and suspended sediment contributions. The study is available at: [https://authors.elsevier.com/sd/article/S0378-1127\(21\)00722-2](https://authors.elsevier.com/sd/article/S0378-1127(21)00722-2).
- Whitney Watson, graduate student at University of Wisconsin-Madison, and her crew have GPS-tagged 11 juvenile Barred Owls from six territories on JDSF. She has a total of 23 juveniles tagged which include territories from adjacent ownerships. Tagged juveniles will be followed via GPS through the dispersal season to monitor their dispersal routes. Information will provide a better understanding of the invasion dynamics of this species that has displaced most of the Northern Spotted Owls on JDSF.
- The Jackson Advisory Group held a field tour to look at silvicultural outcomes of prior approved Timber Harvesting Plans on August 27th.

Soquel (SDSF)

- The California Conservation Corps crew worked in the forest for 8 days doing prescribed burn plot prep, continuing the work that started by the Amah Mutsun Stewardship Corps.
- Herpetology researcher Lawrence Erickson continued surveying for California Giant Salamanders (*Dicamptodon ensatus*) in forest streams every weekend in August with assistance from Forestry Aides Mahony-Moyer and Knowd. The study is testing protocol for obtaining density estimates and relative abundance of larval California Giant Salamanders and establishing baseline data for population and habitat.



Forestry Aides Chloe Knowd and Iona Mahony-Moyer survey for *Dicamptodon ensatus*

Forest Entomology and Pathology

- Drought conditions compounded by extreme heat are impacting several species around the state. Some species such as oaks, blackwood acacia, manzanita, bay laurel and eucalyptus are exhibiting symptoms of various disease issues, but the main impact has been the drought. Staff has been taking water pressure readings of several species and has been finding that many trees are reaching the point of severe and possibly deadly water loss.
- Bark beetles are continuing to spread in northern California. Due to the drought stress, many of the trees are unable to produce pitch tubes as a defense against beetle attack. Most of the attacks are by ips beetles or turpentine beetles although more western pine bark beetle attacks are occurring.
- A new infestation of gold spotted oak borer has been found near Anaheim in Orange County. The area was already included in the zone of infestation due to likely habitat for the insect.
- Staff is working with impacted parties, CAL FIRE personnel, timber industry, and tribes in Del Norte County to develop the zone of infestation (ZOI) in the county for sudden oak death disease. It is likely that the entire county will fall within the ZOI. The strain of the disease found in the county was not the California strain but was the European strain.

- The US Forest Service, CAL FIRE, UC Cooperative Extension, and Dominican University of California are working together to test potential control options for the Mediterranean oak borer infested trees in Napa, Sonoma and Lake Counties to help reduce the potential spread of the pest complex.

Forest Biometrics

- The Forest Biometrics Program has filled the vacant Forester II position with a forester that has over 25 years of experience in private industry, including inventory, modeling, and harvest scheduling. RPP clearance is ongoing and must be completed to finalize the hire.

Prescribed Fire Program

- All Prescribed Fire projects have been postponed this month due to weather and fuel conditions.
- Online Burn Permits - continued progress for the new online permitting continues with the collaborative process from multiple agencies assisting and supporting the development.
- Continued discussions for the California Coastal Commission for a new possible CalVTP Project-Specific Analysis (PSA) instead of the Public Works Plan (PWP) from the local Counties or Resource Conservation Districts is being worked on to streamline the fuel reduction permit process while working in the California Coastal Zone.
- Vegetation Management Program - CAL FIRE continues to receive Vegetation Management Plans compliant with the Chaparral Management Program Environmental Impact Report for projects that have a best fit for the use or renewal in the Vegetation Management Program.

Environmental Protection

- CEQA Documents – Notice of Exceptions and Mitigated Negative Declarations continue to be submitted and have been posted on the State Clearing House website for fuel reduction projects in the State Responsibility Area (SRA).

Wildfire Resilience Program

Lewis A. Moran Reforestation Center (LAMRC)

- Cone collection in August went very well. To date LAMRC has taken in 428 bushels of cones for the State seed bank and 450 bushels of cones from private industrial forestry partners for processing. Of these, we have received ponderosa pine, incense cedar and sugar pine.
- LAMRC also expects to receive over 800 bushels of cones from the North Sierra Tree Improvement Association in the coming weeks.
- Ponderosa pine and redwood seedlings growing at the nursery continue to thrive and plans are being made to distribute them this fall/winter when they are ready to be lifted.

California Forest Improvement Program (CFIP)

- The first round of CFIP Applications have been submitted to the Grants Management Unit (GMU) for approval and processing. The first round included 19 CFIP applications that encumbered \$2,821,292.75. Additionally, the 19 CFIP applications included 878 acres of post-fire reforestation/treating dead material, 563 acres of Forest Health (pre-commercial thinning, brush control, slash disposal), and long-term management plans for 1,352 acres.
- Due to the significant fire activity that is currently occurring within the State, the CFIP Staff has been assigned to fires. As a result, the next selection period has been extended to October 31st, however, we will be releasing up to \$3M at that time.

Forest Legacy Program (FLP)

- The Federal FLP has received four applications for Federal FY23 funding, and the Joint Forestry Committee is currently scoring the projects which will be ranked 1-4. Only three projects can be submitted and must be submitted to the Federal FLP Regional Manager on October 18th for review and scoring by the National Review Panel. This will take place the week before Thanksgiving.
- CAL FIRE FLP Team is currently working on the due diligence phase of five projects. Two are CCI funded, one Federally funded, and three are a combination of both.

Climate and Energy Program

Wildfire and Forest Resilience Task Force

- On August 16th, the California Natural Resources Secretary Wade Crowfoot was joined by newly appointed U.S. Forest Service Regional Forester Jennifer Eberlien for the second quarterly meeting of the Wildfire and Forest Resilience (WFR) Task Force. Task Force Director Patrick Wright highlighted accomplishments made by Task Force partners and work groups under the four major goals of the WFR Action Plan and highlighted that progress had been made on 87 of the Plan's 99 key actions. Progress made on the Prescribed Fire Strategy, Interagency Tracking System and Data Hub, and Regional Frameworks were discussed in greater depth by the Work Group leads. A webinar recording of the meeting can be found on the Task Force's interim web page, <https://fntf.fire.ca.gov/>.
- The next full meeting of the Task Force will be held on November 18, 2021. An interim meeting of the Executive Team was held on September 15th.

Forest Health Program

- The program awarded a total of 37 Forest Health Grants with \$155 million in funding approved in April for the 20-21 fiscal year. A CAL FIRE News Release that announced the awardees was broadcast on August 12th. All grant agreements have been drafted, distributed, and are anticipated to be executed soon.

- The program, along with other CAL FIRE grant programs, are preparing to go live October 4th with a new grant network management platform called eCivis.
- The program has been inputting projects into CalMAPPER. All 37 new projects awarded this year can now be found in CalMAPPER. The program continues to improve data entry protocols and explore inputting historical data.
- Program staff have been heavily involved with fire incident response. Half of the program staff have been committed to fire response for over 55 days so far this year.

Wood Products & Bioenergy Program

- The program continues to work on establishing a new Business and Workforce Development Grant Program within CAL FIRE, with a plan to start accepting applications this fall. Proposals for forest-related workforce development projects and proposals for projects that support wood products manufacturing more broadly will be considered.
- Program staff continue to network and engage with potential collaborators across the state.

Climate Change

- Staff continue to meet with the Natural Resources Agency science team to contribute to the Natural Working Lands Climate Smart Strategy.

Fire Protection

Fire Protection Program

Law Enforcement/Civil Cost Recovery

- During the month of August 2021, CAL FIRE Law Enforcement officers made 43 arrests and issued 82 citations (non-4291).
- CAL FIRE Civil Cost Recovery has received \$8,352,525.00 in recovered fire suppression costs for the month.
- Beginning August 4, 2021, CAL FIRE's Riverside Unit responded to several residential, commercial and vegetation fires in the City of Moreno Valley. CAL FIRE Law Enforcement officers completed origin and cause investigations and determined these fires were arson caused. CAL FIRE Officers conducted several surveillance operations with assistance from the Riverside County Sheriff Department (RSO). On August 28th, the suspect ignited a multifamily dwelling that was under construction. Officers arrested the suspect for arson to the multifamily structure, two commercial structures, two single family homes and two vegetation fires as well as several other charges.

- On August 12, 2021, CAL FIRE Law Enforcement officers in the Amador-El Dorado Unit responded to a vegetation fire in the community of Cameron Park. At scene, they attempted to contact an individual suspected in igniting the fire. The suspect failed to obey commands and fled from the officers. The suspect then tried to carjack a vehicle. The officers were able to get the suspect out of the vehicle, however, the suspect continued to resist and attempted to get into another occupied vehicle. The active resistance resulted in an officer deploying their taser to gain control of the suspect. The officers took the suspect into custody. The suspect was arrested for arson as well as several other charges.

Fire Protection Operations

- All program staff have been actively engaged in the suppression of the fires occurring during the month of August.
- The “Exclusive Use” Courtney Aviation Incident Awareness and Assessment (IAA) platform has been extremely successful in providing near to real-time intelligence on fires, and it has performed the functions of intelligence mapping “outside of the Temporary Flight Restriction area”.
- The Fire Intelligence Program (Intel) provided an in-depth interview to “MSNBC Universal” covering Intel duties and the use of Technosylva WFA-E suite of software. The interview was conducted at the Northern Operations Center and at the Incident Command Post for the South Zone to the Monument Incident.
- California National Guard FIREGUARD Intel Analyst have been producing very valuable products for all the fires statewide and providing very specific Intel for the Caldor and Dixie Incidents.

Aviation Management Unit/Tactical Air Operations

- AMU and TAO have had an extremely busy July and August supporting statewide aviation operations which included the acquisition of Exclusive Use Helicopters, Air Tankers and Air Attack platforms, as well as augmenting our aviation fleet with multiple Call When Needed (CWN) aircraft and Military helicopters and supporting the Modular Aerial Firefighting Systems (MAFFS) C-130s brought into California by the USFS.
- AMU continues to field inquiries on behalf of the Department from external sources regarding the S70i Night Vision Google (NVG) implementation program. The initial flight evaluation exercise was conducted July 29, 2021 on the Dixie incident. Our Fire Pilot Cadre continue to develop policy and procedures for the onboarding of this program in the Spring of 2022.
- CAL FIRE Hawk #9, destined for Moffett helibase, is scheduled for the acceptance inspection at United Rotorcraft, Englewood, CO, September 22-26, 2021.
- AMU conducted a briefing for the Colorado Division of Forestry, August 28th, along with Assistant Deputy Director Chris Anthony and Fire Protection Operations Staff Chief Kevin Guerrero on aviation asset acquisition, infrastructure, sustainment, Cooperative Fire Protection Agreements, and National Guard agreements.

- AMU hosted a small contingency from the Brazilian Navy on September 2nd along with Assistant Deputy Director Shane Cunningham, Deputy Chief Randy Rapp and Deputy Chief Jake Sjolund on CAL FIRE aviation resources and tactical operations.
- The Howard Forest S70i Transition Training scheduled for September 20th has been delayed due to fire activity. The current situation with incident activity and personnel availability dictated the necessity for postponing the training.

Cooperative Fire Program

Conservation Camp/CCC Program

- The current statewide strength of Type I California Department of Corrections and Rehabilitation (CDCR) Fire Crews is 63 crews staffed out of a total of 152 funded CDCR Type I Fire Crews, there are an additional 7 CDCR Crews staffed but with a crew strength of less than 12 which makes them unavailable for statewide response.
- The Camps Program currently has two institutions affected by COVID. Sierra Conservation Center (SCC) is on lockdown and no inmates are being distributed to the camps in Southern Region but are still being trained at that location. California Institute for Women (CIW) is also on lockdown and no CAL FIRE personnel are entering that facility and no female inmates are being trained.

Fire Crew Program

- Title 32 funding has been covering the costs for the Taskforce Rattlesnake CAL FIRE California Military Department (CMD) handcrews since April 2020, and funding has been extended through December 30, 2021.
- CAL FIRE has trained and deployed a total of six Force Packages (24 crews) of California National Guard (CNG) Type 2 Military Hand Crews. The crews were trained and equipped at Camp Roberts and have been assigned to both the Dixie and Caldor incidents.

Local Government

- Local Government Program and the Butte Unit are working towards implementation of a proposed new full-service fire protection agreement with the City of Oroville beginning July of 2022. We are still working through the Department of Finance review and approval process and the Local Agency Formation Commission review and approval process.

Safety/EMS Program

- Staff from the Safety and EMS Programs have been supporting incident activity through assignments at the State Operations Center (SOC) at Cal OES as well as the Caldor and Dixie fires. Some staff have returned after 21 plus day assignments while others remain assigned to these incidents.

- The Safety Program has updated the Injury and Illness Prevention Program (IIPP) binder as a result of the move to the new California Natural Resources Agency building. This binder outlines all of the safety information employees need to be aware of in the new building. It includes information on mandatory postings, fire extinguishers, defibrillators, and emergency evacuation procedures.
- The EMS Program has updated the Public Safety First Aid and Tactical Casualty Care curriculums. These are being sent to the California Emergency Medical Services Authority (EMSA) for approval.
- Interviews will be held the week of September 20th to fill a vacant Safety Program Division Chief position. The EMS Program is in the process of filling a Staff Services Manager I (SSMI) position that will be vacated on September 30th.

Training Program

- 2021 COA Classes - 5 completed, one (1) in session (#6) to conclude on Friday, October 1st, and one (1) to start on October 4, 2021 (#7).
- 2021 FFA Classes - 7 completed, two (2) in session (#8, 9) to conclude on Friday, October 1st, and two (2) to start on October 4, 2021 (#10, 11).
- The Training Center continues to work actively with Technical Services and State Fire Marshal (SFM) to make facility improvements to support a growth in Department workforce numbers and develop a master plan for future development planning.
- Monday, September 13th - Met with the Department of Finance and Technical Services regarding Statewide Planning and Study Authorization Request Form for a site survey and development of master site plan for the Training Center in Lone.
- The Training Center continues to seek opportunities to engage in the partnership process at Training Center South and continues to focus on the Training Center South development strategy within the Training Center's Strategic Plan.
- Efforts continue to be focused on enhancing use of and updating the records within the Department Learning and Records Management System (Vector Solutions).
- Law Enforcement Update – Advanced Officer Training course hours increased to meet new training mandates for Law Enforcement Officers.

Office of the State Fire Marshal

Wildfire Planning and Engineering Division

- Work continues with Cal OES to develop the foundation for the California Wildfire Home Hardening Program that encourages cost-effective structure hardening/retrofitting and facilitates vegetation management (Dspace and neighborhood/community fuel reduction/modification).

Wildfire Prevention Engineering

- Continue to provide bi-monthly training to the Department's Defensible Space Inspectors on the inspection process, statutes, and electronic data collection tools.
- Division Chief Jim McDougald has started in his new position and will be managing the day to day operations of the Home Hardening program.
- On July 1st, the Department launched a new website at fire.ca.gov/dspace whereby sellers real property or their real estate agent can request a defensible space inspection from CAL FIRE when applicable to receive documentation of a compliant defensible space inspection as required by AB 38.
- Work continues on the development the Model Defensible Space Program that shall be made available for use by cities and counties as required by SB 190.
- Staff continue working on automating all Department burn permits. Collaboration with CAL FIRE Unit staff and the California Air Resources Board (CARB) will ensure the process will function as designed and be able to share prescribed fire data with CARB. 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. We anticipate a release date of May 2022.
- Staff has been assigned to several Damage Inspection assignments throughout the state. As of September 13, 2021, over 3,250 structures have been damaged/destroyed this year compared to over 8,150 structures damaged/destroyed for the same period last year.
- Staff continues to update the Industrial Operations Fire Prevention Field Guide that was last updated in 1999.

Fire Plan

- Work continues validating the model inputs for the Fire Hazard Severity Zone (FHSZ) remap. Once the model inputs have been finalized, the process to validate the model output for the State Responsibility Area (SRA) will begin.

California Incident Data & Statistics Program

- Staff continues to validate the 2020 incident data so the Redbook can be completed.

Land Use Planning

- Work continues with the Office of Planning and Research on a WUI best practices inventory.
- Will be presenting 18 Safety Element updates with local jurisdictions to the Resource Protection Committee.
- Presenting at the American Planning Associations virtual conference on September 14, 2021.

- Staff are working with the Community Wildfire Planning Center to develop a training curriculum for planners. Once developed, the training will be held at several locations throughout the state.
- Staff continue conducting surveys in multiple counties of subdivisions located in the SRA and Very High FHSZs in the Local Responsibility Area with more than 30 dwelling units without a secondary egress route that are at significant risk of wildfire. This is in response to AB 2911 and the addition of PRC 4290.5. Eight cities/counties have been completed.
- There are currently 448 NFPA Firewise USA recognized communities in California, with approximately 223 in the application process.

Fire Prevention Grants

- On September 13, 2021, the Department announced it will direct nearly \$138 million in funding for 105 local fire prevention projects across the state. CAL FIRE's Fire Prevention Grants enable local organizations to implement activities that address the risk of wildfire and reduce wildfire potential to communities. These projects meet the goals and objectives of California's wildfire and Forest Resilience Action Plan, as well as the State's Strategic Fire Plan.
- We will be meeting with the Oregon Department of Forestry (ODF) regarding a bill that passed in Oregon to develop a grant program similar to CAL FIRE's Fire Prevention Grants program. We will assist ODF in any way we can.

**CALENDAR YEAR 2021
TIMBER HARVESTING INFORMATION THROUGH September 01, 2021**

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	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
THPs Received	96	84	46	43	0	1	8	12	150	140
THPs Returned	34	30	23	17	0	1	3	6	60	54
THPs Pre-Harvest Inspections	93	86	47	33	0	0	9	9	149	128
THPs with NON-Concurrence	0	0	1	0	0	0	0	0	1	0
THPs Denied	1	0	0	0	0	0	0	0	1	0
THPs Approved	97	84	58	40	0	1	14	10	169	135
THP Approved Acres	23,390	22,060	49,996	21,548	0	25	7,971	4,746	81,357	48,379

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
NTMPs Received	4	2	4	4	0	0	1	0	9	6
NTMPs Returned	3	1	3	3	0	0	1	0	7	4
NTMPs Pre-Harvest Inspections	6	4	3	4	0	0	0	1	9	9
NTMPs Denied	0	0	0	0	0	0	0	0	0	0
NTMPs Approved	6	4	2	2	0	0	0	0	8	6
NTMP Approved Acres	1,968	461	980	384	0	0	0	0	2,948	845
NTMPs with NON-Concurrences	0	0	0	0	0	0	0	0	0	0
NTOs Received	54	63	10	7	0	0	3	3	67	73

Year Comparison	Coast (Santa Rosa)		Cascade (Redding)		Riverside (South)		Sierra (Fresno)		Totals	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
WFMPs Received	0	0	0	0	0	0	0	0	0	0
WFMPs Returned	0	0	0	0	0	0	0	0	0	0
WFMPs Pre-Harvest Inspections	0	0	0	0	0	0	0	0	0	0
WFMPs with NON-Concurrence	0	0	0	0	0	0	0	0	0	0
WFMPs Denied	0	0	0	0	0	0	0	0	0	0
WFMPs Approved	0	0	0	0	0	0	0	0	0	0
WFMPs Approved Acres	0	0	0	0	0	0	0	0	0	0

**CALENDAR YEAR 2021
TIMBER HARVESTING INFORMATION THROUGH September 01, 2021**

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 September 01, 2021

Rule	Type of Exemption	Admin Area	2020		2021	
			Number of Plans	Acres	Number of Plans	Acres
1038(b) (03/2019)	10 Percent Dead, Dying Diseased, Fuelwood, or Woody Debris v2019	Cascade (Redding)	190	1,104,160	197	1,265,955
		Coast (Santa Rosa)	54	437,750	48	405,200
		Riverside (South)	1	240	1	4
		Sierra (Fresno)	45	60,736	40	36,947
		Totals	290	1,602,886	286	1,708,106
1038(a)&(b)	10% Dead, Dying or Diseased Fuelwood or Split Products	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038.6 (03/2019)	Butte Post Fire Recovery	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(a) (03/2019)	Christmas Trees	Cascade (Redding)	4	1,050	7	160,296
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)	2	27	1	14
		Totals	6	1,077	8	160,310
1038(k)	Drought Mortality	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
	Drought Mortality and Unmerchantable Sawlog v2019	Cascade (Redding)	14	3,684	16	5,078
		Coast (Santa Rosa)			1	7
		Riverside (South)				
		Sierra (Fresno)	13	3,245	75	2,857
		Totals	27	6,929	92	7,942
1038(j)	Forest Fire Prevention PILOT Project	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(i)	Forest Fire Prevention Project	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0

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Rule	Type of Exemption	Admin Area	2020		2021	
			Number of Plans	Acres	Number of Plans	Acres
1038.3 (03/2019)	Forest Fire Prevention v2019	Cascade (Redding)	24	3,570	16	2,005
		Coast (Santa Rosa)	20	1,322	22	1,072
		Riverside (South)	1	50	1	267
		Sierra (Fresno)	1	30	2	98
		Totals	46	4,972	41	3,442
1104.1(a)	Less than 3 Acre Conversion	Cascade (Redding)	107	180	141	224
		Coast (Santa Rosa)	22	41	54	109
		Riverside (South)				
		Sierra (Fresno)	15	19	23	30
		Totals	144	240	218	363
1038(l)	Oak Woodland Management (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(e) (03/2019)	Oak Woodland Management v2019	Cascade (Redding)	1	112		
		Coast (Santa Rosa)	5	56	7	46
		Riverside (South)				
		Sierra (Fresno)				
		Totals	6	168	7	46
1038(m)	Post Fire Recovery (effective 01/01/2018)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038.5 (03/2019)	Post Fire Recovery v2019	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
	Post Fire Recovery v2020	Cascade (Redding)	189	266	19	212
		Coast (Santa Rosa)	1	2	27	171
		Riverside (South)				
		Sierra (Fresno)			13	39
		Totals	190	268	59	422
1104.1(b)&(c)	Public / Private Utility Right-of-Way	Cascade (Redding)	110	157,326	25	264,237
		Coast (Santa Rosa)	55	155,875	51	9,346
		Riverside (South)			2	1,420
		Sierra (Fresno)	80	64,689	17	10,719
		Totals	245	377,890	95	285,722

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Rule	Type of Exemption	Admin Area	2020		2021	
			Number of Plans	Acres	Number of Plans	Acres
1038(f) (03/2019)	Small Timberland Owner	Cascade (Redding)	5	58	1	30
		Coast (Santa Rosa)	1	56	1	39
		Riverside (South)				
		Sierra (Fresno)				
		Totals	6	114	2	69
1038(c)	Structure Protection (0 to 150 feet)	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(c) (03/2019)	Structure Protection (0 to 150 feet) v2019	Cascade (Redding)	220	397	143	513
		Coast (Santa Rosa)	74	1,798	99	241
		Riverside (South)	1	7		
		Sierra (Fresno)	39	146	37	280
		Totals	334	2,348	279	1,034
1038(c)(6)	Structure Protection (150 to 300 feet) Includes exemptions previously submitted with both 0-150ft and 150-300ft options	Cascade (Redding)				
		Coast (Santa Rosa)				
		Riverside (South)				
		Sierra (Fresno)				
		Totals	0	0	0	0
1038(c)(6) (03/2019)	Structure Protection (150 to 300 feet) v2019	Cascade (Redding)	27	97	11	45
		Coast (Santa Rosa)	15	75	28	105
		Riverside (South)				
		Sierra (Fresno)	2	18	1	0
		Totals	44	190	40	150
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	1,338	1,997,082	1,127	2,167,606

Type of 1052 Emergency Notice		2020		2021						
		Admin Area	Number of Plans	Acres	Number of Plans	Acres				
Notice of Emergency Timber Operations		Cascade (Redding)	62	11,848	143	30,060				
		Coast (Santa Rosa)	10	548	143	12,755				
		Riverside (South)								
		Sierra (Fresno)	3	289	30	1,817				
		Totals	75	12,685	316	44,632				
<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)	14	2,737	4	2,049		
				Coast (Santa Rosa)						
				Riverside (South)						
				Sierra (Fresno)			1	64		
				Totals	14	2,737	5	2,113		
				Fire		Cascade (Redding)	52	10,411	138	28,769
						Coast (Santa Rosa)	10	548	138	11,900
						Riverside (South)				
						Sierra (Fresno)			24	1,598
						Totals	62	10,959	300	42,267
				Insects		Cascade (Redding)	28	4,034	6	1,179
						Coast (Santa Rosa)			7	404
						Riverside (South)				
				Sierra (Fresno)	1	2	3	69		
				Totals	29	4,036	16	1,652		
		*Others		Cascade (Redding)	147	28,205	165	43,573		
				Coast (Santa Rosa)	3	7	21	1,403		
				Riverside (South)						
				Sierra (Fresno)	6	861	10	664		
				Totals	156	29,073	196	45,640		
Fuel Hazard Reduction (RM65)		Cascade (Redding)	16	1,724	3	243				
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)	4	369						
		Totals	20	2,093	3	243				
Fuel Hazard Reduction		Cascade (Redding)								
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)								
		Totals	0	0	0	0				
Sudden Oak Death Disease		Cascade (Redding)								
		Coast (Santa Rosa)								
		Riverside (South)								
		Sierra (Fresno)								
		Totals	0	0	0	0				