

A dramatic night scene of a wildfire. A large, bright fireball is visible in the sky, illuminating the surrounding clouds. The foreground shows a dirt road and the headlight of a fire truck, which is reflecting the fire's light. The background features a line of trees and a hillside with some lights.

**Shasta County Fire Department
in Cooperation with CAL FIRE**

2021 Annual Report

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Mission Statement:

To stand ready to protect life, property, and the environment utilizing trained and equipped personnel. The mission includes structural and wildland fire control, first response medical care and appropriate assistance to other agencies during emergency incidents.

Vision Statement:

To provide emergency service to the communities of Shasta County and provide mutual aid to allied agencies for the common good of the citizens of Shasta County.



Shasta County Fire Department Values

Service

- We are committed to the safety and well-being of the public and our employees.
- We are committed to our volunteer and career workforce and strive to support its training and administrative needs.
- We strive for excellence and professionalism.

Cooperation

- We continue to improve cooperative relationships within county programs and allied agencies.
- We maintain and enhance cooperative agreements, focusing on what is best for the community.
- We continue to build a support structure that enables and encourages volunteerism.

Protection

- We provide the equipment, training, and resources to our employees that enable them to serve the local communities.
- We value the diversity each employee brings to the department.
- We recognize the importance of clear communication to all employees and cooperating agencies.
- We provide training and support to the workforce, which promotes a calm resilience during emergencies.

Message from the Chief...

It is with great pride that I can present the 2021 Shasta County Fire Department Annual Report. The purpose of this report is to provide updates to the goals and objectives previously identified in the Department's "2020 Master Plan" as well as department activities for the calendar year.

In 2021, we continued to serve the public and protect our citizens throughout one of the worst fire seasons on record in California. This also continued during a worldwide pandemic that completely impacted all our daily personal and professional lives.

The men and women of Shasta County Fire Department are the core of our operation. I have the extreme privilege to lead these professionals who are both volunteer and career firefighters that are highly trained, hardworking, and always strive to exceed expectations. I am honored to work with so many dedicated, hardworking individuals and it is through their daily efforts that we can provide exceptional service to the public. Our accomplishments this past year could not have happened without the support of our elected officials and the citizens of Shasta County!



Sincerely,

Sean O'Hara

Shasta County Board of Supervisors



*Joe
Chimenti*
District 1
Redding

*Tim
Garman*
District 2
Centerville
French Gulch
Happy Valley
Igo/Ono
Keswick
Platina
Shasta
South Redding
Verde Vale

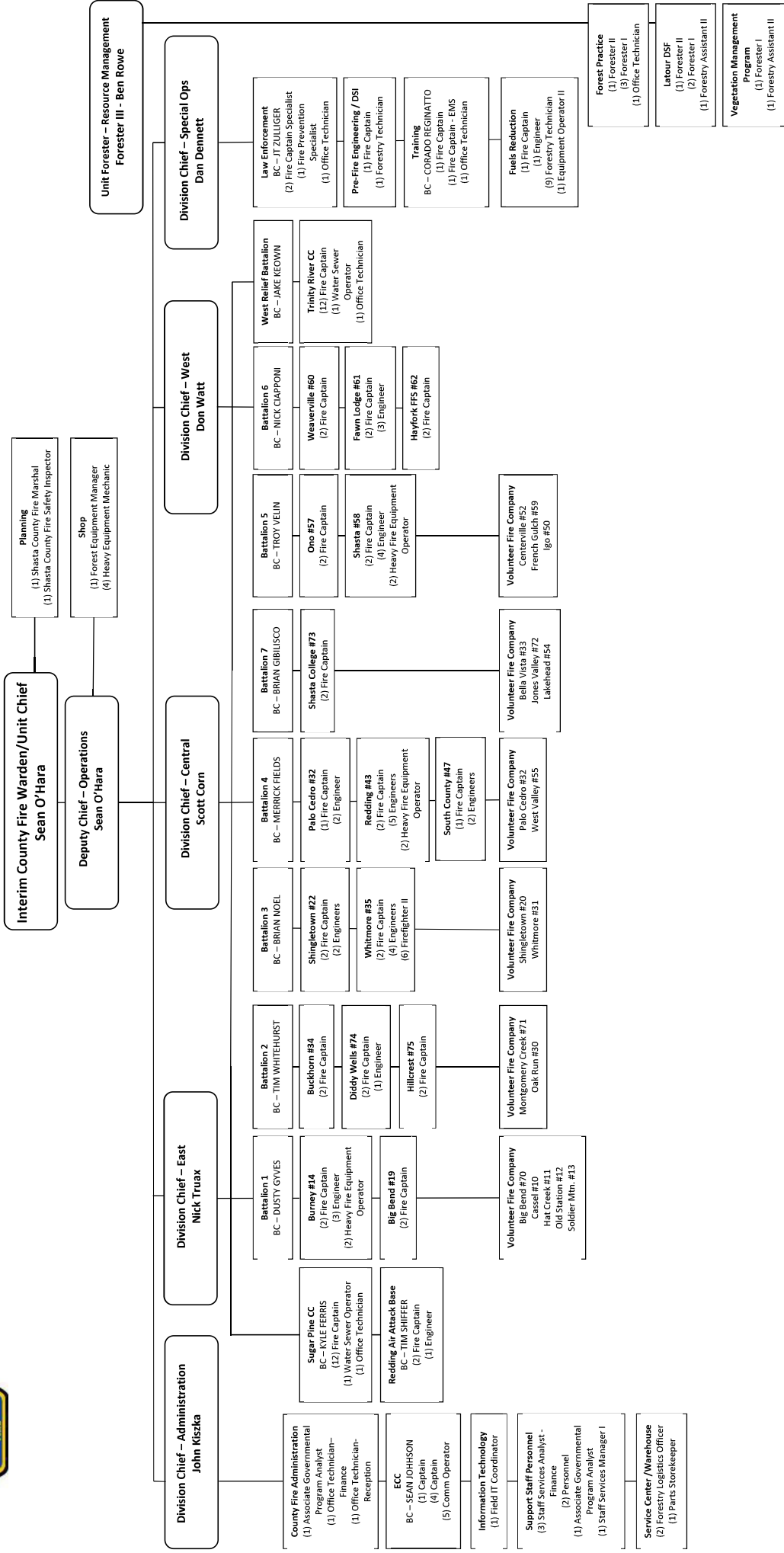
*Mary
Rickert*
District 3
Bella Vista
Big Bend
Burney
Cassel
Fall River Mills
Hat Creek
McArthur
Montgomery
Creek
Oak Run
Old Station
Palo Cedro
Pittville
Round Mountain
Whitmore

*Patrick
Jones*
District 4
Castella
Crag View
Lakehead
Shasta Lake
Mountain Gate

*Les
Baugh*
District 5
Anderson
Cottonwood
Millville
Manton
Shingletown
Viola



Shasta – Trinity Unit Shasta County Fire Department Organization



Volunteer Years of Service

40 or More Years of Service

Richard Hathaway Jr – *Hat Creek*
Russell Miller – *Igo-Ono*
John Parrish – *Old Station*

30 or More Years of Service

Don Chaix – *Cassel*
Tom Coe – *Soldier Mountain*
Don Cook – *Whitmore*
Bill Ellis – *Whitmore*
Don Fennell – *Montgomery Creek*
John Garner – *Hat Creek*
David Green – *Big Bend*
Richard Hathaway III – *Hat Creek*
Kenneth Laughlin – *Hat Creek*

25 or More Years of Service

Linda Barneby – *Oak Run*
Theresa Carroll – *Montgomery Creek*
Linette Chaix – *Cassel*
Dan Hebert – *Cassel*
Mel Nordstrom Jr – *West Valley*
Cliff Shattuck – *French Gulch*
Ron Smith – *Bella Vista*
Bernie Zornes – *Cassel*

20 or More Years of Service

John Allen – *Oak Run*
John Catrucco – *Centerville*
Richard Danielson – *Montgomery Creek*
Norville Hanke – *Centerville*
Greg Mayer – *Soldier Mountain*
James Miguel – *Cassel*
Amanda Peri – *Bella Vista*
Stephen Trotter – *Montgomery Creek*

15 or More Years of Service

Robert Baker – *Bella Vista*
Jeremiah Bidwell – *West Valley*
John Cladopoulos – *Montgomery Creek*
Stephen Cureton – *Hat Creek*
Wendy Cross Finley – *French Gulch*
Sy Giles – *Big Bend*
David Painter – *French Gulch*
Shawn Plummer – *West Valley*
John Robbins – *Soldier Mountain*
Sara West – *Whitmore*
Fred Wyckoff – *West Valley*
Patricia Wyckoff – *West Valley*

10 or More Years of Service

Eve Allen – *Igo-Ono*
John Allen – *Igo-Ono*
Michael Bowling – *Shingletown*
Kevin Clay – *West Valley*
Traci Clay – *West Valley*
Thomas Dodson – *Shingletown*
Theresa Laughlin – *Hat Creek*
John Luntley III – *Centerville*
Robert Maxey – *Oak Run*
Samuel Nakatani – *Centerville*
Joe Pollard – *Centerville*
Joshua Patrick – *Whitmore*

2021 Shasta County Volunteer Fire Department Calls

	Veg Fires	Structure Fires	Other Fires	Medical	Hazmat / FMS	Public Assists / Other	Total
Company 10	33	5	13	133	1	24	209
Company 11	16	3	7	141	2	18	187
Company 12	10	2	5	125	2	15	159
Company 13	15	6	4	51	4	4	84
Company 20	21	3	40	478	11	54	607
Company 30	15	6	13	66	1	8	109
Company 31	9	4	6	50	1	1	71
Company 32	62	22	67	394	3	70	618
Company 33	60	17	51	556	14	77	775
Company 50	21	4	31	115	3	5	179
Company 52	12	5	27	226	6	26	302
Company 54	6	2	38	254	16	22	338
Company 55	30	11	24	156	2	36	259
Company 59	2	1	11	58	1	3	76
Company 70	9	2	5	23	1	2	42
Company 71	27	5	26	245	2	18	323
Company 72	13	7	19	190	7	25	261
Total	361	105	387	3261	77	408	4599

2021 Shasta County Incidents and Responses

Shasta County Fire Department/CAL FIRE Incidents and Response

Station 14: Burney	521
Station 19: Big Bend	42
Station 22: Shingletown	697
Station 32: Palo Cedro	851
Station 34: Buckhorn	112
Station 35: Whitmore	134
Station 43: Redding	2,174
Station 57: Ono	146
Station 58: Shasta	815
Station 73: Shasta College	1,700
Station 74: Diddy Wells	289
Station 75: Hill Crest	214

Independent Fire Protection Districts Dispatched by SCFD/CAL FIRE

Station 15: Fall River Mills Fire Protection District	126
Station 16: McArthur Fire Protection District	132
Station 17: Burney Fire Protection District	787
Station 21: Millville Fire Protection District	219
Station 23: Cottonwood Fire Protection District	1,357
Station 41: Mountain Gate Community Services District	662
Station 42: Shasta Lake Fire Protection District	1,563
Station 44: Happy Valley Fire Protection District	712
Station 46: Anderson Fire Protection District	2,795
<u>Station 56: Shasta Community Services District (Old Shasta)</u>	<u>178</u>
	7,761

Total responses will exceed total incidents for the year due to multiple stations/districts being dispatched to the same call. For example, a dispatch for a traffic collision in parts of Centerville will include a Battalion Chief, a paid engine, SCFD Companies 50 and 52, and Happy Valley FPD.

2021 SCFD Chief Officer and Prevention Calls

	Veg Fires	Structure Fires	Other Fires	Medical	Hazmat / FMS	Law	Public Assists Other	Total
B2407	23	5	13	24	0	0	3	68
B2408	8	3	7	13	0	0	1	32
B2409	16	8	22	34	1	0	2	83
B2411	33	8	25	77	2	0	3	148
B2412	36	10	19	73	1	5	6	150
B2413	61	39	63	126	1	1	6	297
B2414	40	17	60	116	3	0	1	237
B2415	28	11	51	102	2	0	4	198
B2416	21	7	35	61	1	0	6	131
B2417	67	9	57	114	2	0	5	254
B2418	35	8	38	86	1	0	2	170
B2419	17	9	33	58	2	0	5	124
B2420	68	19	48	6	1	114	4	260
P2421	127	23	85	17	5	170	10	437
P2423	100	23	74	10	3	104	6	320
Total	352	118	457	856	24	357	55	2219

Redding Emergency Command Center

The Redding Emergency Command Center (ECC) is a secondary Public Safety Answering Point (PSAP). It is staffed 24/7 with a minimum of two personnel during the winter and three personnel during the summer months to facilitate dispatching appropriate resources to emergencies countywide. The Redding ECC is staffed with 12 permanent employees. Overseeing the operation is one Battalion Chief, six Fire Captains, and five Communications Operators working alternating shifts. Collectively, these employees have the field experience, local historical knowledge, and technical expertise to take full advantage of the state-of-the-art Computer Aided Dispatch (CAD) System. These dedicated employees dispatch for 14 State Fire Stations, 18 Shasta County Volunteer Fire Companies, and 10 Fire Protection Districts throughout Shasta and Trinity Counties. Dispatch plans are tailored to the type of incident being dispatched in each area. However, information gathered from 911 callers, weather monitoring, and fire history for a given area are also used to determine the appropriate amount of resources being dispatched to an incident. The ECC Captain provides input and oversight while functioning as a 24-hour duty officer. The Captain uses their field experience to initially command the incident prior to the first arriving field unit and is given full authority to modify a response based on the information received. The ECC is co-located with the U.S. Forest Service dispatch center for the Shasta-Trinity National Forest.

In 2021, the ECC answered a total of 72,119 telephone calls of which 16,427 were emergency calls resulting in 14,582 incidents within the unit. The ECC processed 15,879 out of unit requests for resources to assist with over 503 non-local emergency incidents statewide. Locally, the ECC maintained the resource ordering and status for the Fawn incident and assisted the United States Forest Service in the ordering of resources for the Salt, McFarland and Monument Fires. Along with the local emergency dispatching needs of the SHU, ECC staff was committed for 117 days out of the



area to assist other units with resource ordering for expanding incidents. Our ECC staff communicates daily with the Northern Region Geographic Area Coordination Center to provide staffing information, personnel availability, ground/air resources availability, and local incident resource needs.

We look forward to the challenges and successes 2022 may bring and stand ready to provide the citizens of Shasta County with the most professional services that fire service can provide.

Training

The Shasta County Fire Department (SCFD)/CAL FIRE Shasta-Trinity Unit Training Bureau coordinates and delivers a multitude of formal and informal training courses and subjects to volunteer and career firefighters and support staff throughout the year. Our mission is to provide quality service to the public by developing the skills and abilities of all SCFD and CAL FIRE Shasta-Trinity Unit's personnel. We ensure that all federal, state, local and departmental training mandates, laws, and regulations are followed as they pertain to training. The Training Bureau coordinates the initial and ongoing training requirements of approximately 500 personnel consisting of SCFD career and volunteer staff and CAL FIRE Unit uniformed operational staff and non-uniformed support staff. This is accomplished through training that is efficient, economical, and consistent with the needs of the public, the County of Shasta, the Fire Department, and its members. Training topics include Structure Fire Operations, Emergency Medical Response, CPR, Ropes & Knots, Hazardous Materials Response, Vehicle Extrication, Pump Operations, Map Reading & GPS, Fire Investigation, Fire Safety/Operations, Rescue, Incident Command Training, and numerous others. We operate within and enforce the policies and procedures of CAL FIRE and SCFD. On average, the Training Bureau supplies over 4000 instructor hours and the members of SCFD and the CAL FIRE Shasta-Trinity Unit participate in over 20,000 hours of training each year. 2021 has proved challenging for training with the current situation in the local areas, state, and nation. COVID-19 has greatly impacted training with every challenging situation, from canceled/rescheduled classes, learning new ways to deliver information via online/digital mediums, and adapting in-person instruction with distancing/mask/sanitation protocols. Even with these challenges, the requirements to deliver training has not diminished and remains a necessary component to the emergency services provided to the County, Region and State.

The Training Bureau is staffed with one Battalion Chief who oversees all aspects of the Training Bureau, their primary mission is the coordination and delivery of training requirements for CAL FIRE Unit personnel, one Fire Captain who serves as the Shasta County Fire Department Training Officer, one Fire Captain who functions as the SCFD and CAL FIRE – SHU EMS Coordinator, and one Office Technician to support all the programs. In the winter months, by agreement with SCFD, our staff is augmented with 4 additional field personnel, who are outfitted with vehicles and specialized equipment. These four Training Officers' primary mission is to deliver quality training courses and topics to the 18 Volunteer Fire Companies that make up the SCFD. The trainings are utilized to broaden experience and maintain currency in skills that are required by the state. These trainings are predominantly delivered on weekends or in the evenings to accommodate the needs of SCFD volunteers. For career personnel, they are coordinated at various times throughout the fall, winter, and spring months. In addition to training coordination and delivery, the Training Bureau augments the response capabilities of Shasta County. In 2021 the Training Bureau staff responded to over 300 emergency calls for service.

The Training Bureau continues to evaluate our processes and improve the training program for both SCFD and the local Unit. The Training Bureau continues its successful relationship with Shasta College and the Shasta Tehama Trinity Public Safety Training Consortium (SHIELD). Through these relationships, we deliver and participate in regional training courses throughout Shasta, Tehama, and Trinity Counties. The Training Bureau continues to be a lead agency in the development of SHIELD's facility and programs. We look forward to the upcoming year and continued improvement in all our programs.

Fire Prevention & Law Enforcement

Three full-time law enforcement officers assigned to the Prevention Bureau conduct fire investigations and enforce forest and fire laws. While these officers have primary duties, each are responsible for responding to incidents requiring a law enforcement officer/investigator response. Officers are involved in many fire investigations throughout the year and will regularly assist other law enforcement agencies. Five other peace officers work within fire or resource management positions and may assist with larger more complex investigations or enforcement.

In 2021, the Fire Prevention Bureau responded to, or were involved in, 916 incidents, 64 citations were issued, and 31 in-custody arrests were made (18 of these arrests were arson).

Fire Prevention Bureau Chief/ Peace Officer–B2420 J.T. Zulliger

The Prevention Bureau Chief is a state-funded position occupied by Battalion Chief J.T. Zulliger. Chief Zulliger has served as the Prevention Bureau Chief position since July 2016. Chief Zulliger is responsible for oversight of law enforcement, investigations, and civil cost recovery for CAL FIRE/SCFD.

Fire Captain Specialist/Peace Officer–P2421 Darren Stewart

The Fire Captain Specialist position is state-funded and is held by Fire Captain Specialist Darren Stewart. Captain Stewart has been in the Prevention Bureau since 2010 and is responsible for general law enforcement duties. He also completes railroad and powerline safety inspections. In addition, he reviews and analyzes fire ignitions to identify fire problem areas. Stewart is one of CAL FIRE'S Field Training Officers.

Fire Captain Specialist/Peace Officer–P2423 Matt Alexander

Matt Alexander is the Shasta County-funded Fire Captain Specialist. Captain Alexander has been assigned to the Prevention Bureau since 2017 and is responsible for structure fire investigation in addition to other fire investigation and law enforcement duties. Captain Alexander leads defensive tactics and firearms training for SHU's law enforcement.

Office Technician – Jean Grey

The state-funded position provides clerical support for the CAL FIRE law enforcement office and the County Fire Marshal's Office. Duties include documentation, records retention, database management, correspondence, public records requests, and special projects.





Subjects extinguish an illegal campfire.



Officer Stewart performs an enforcement stop on an individual towing a trailer with a blown tire.



Officer Alexander processes evidence from a juvenile firesetter.

Fire Marshal & Protection Planning

In September of 2018, State Senate Bill 1205 was passed requiring all State mandated inspections be completed annually and reported to the Board of Supervisors. These inspections include schools, hotels, motels, lodging houses, and apartment houses. In 2021, Shasta County Fire Department complied with Senate Bill 1205 completing all State-mandated inspections.

County Fire Marshal – P2425 Jimmy Zanotelli

Jimmy Zanotelli was appointed Shasta County Fire Marshal in 2016. He has served in the Shasta County Fire Marshal’s Office since 2005. Fire Marshal Zanotelli enforces the County’s Fire Safety Standards and California Fire Code under the oversight of the County Fire Warden/SCFD Fire Chief. The Fire Marshal works in cooperation with the Shasta County Planning Division by approving commercial project plans and participating in Planning Commission and Resource Agency meetings. Fire Marshal Zanotelli also serves as a public information officer during large fires and other newsworthy events.

County Fire Safety Inspector – P2426 Scott Ross

Scott Ross has served as the Shasta County Fire Safety Inspector since September 2016. The County Fire Inspector is responsible for plan review, on-site inspections for driveway standards, setback exception requests, commercial and residential fire sprinklers, and annual life safety fire inspections of businesses in Shasta County. The Inspector also performs fire alarm and hydrant test inspections. Inspector Ross also performed public information officer field work in 2021.



Fire Inspector’s Activity	2020	2021	Fire Marshal’s Activity	2020	2021
Inspections	126	165	Parcel Maps	2	7
Violations	30	18	Property Line Adjustments	25	32
Re-Inspections	20	16	Use Permits	5	5
Exception Requests	55	68	Zoning Amendments	4	3
Fire Sprinkler Acceptance Test	331	210	Other/Misc.	20	6
Commercial Hood Acceptance Test	2	0	Plan Reviews	887	707
Administrative Permits	43	65	Minor Modification	8	8
School Inspections	21	21	Short Term Rental	37	65
Hotel/Motel Inspections	14	14	Certificate of Compliance	12	10

Public Affairs & Public Education

Fire Prevention Specialist/Public Information Officer – P2424 Cheryl Buliavac

Public education and outreach are always a priority for the Fire Prevention Bureau. We strive to ensure the safety of the community that we serve through educational programs and community outreach. By doing this, we help achieve a safe and vibrant community.



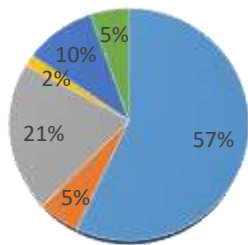
Social media and other virtual forms of communication serve a critical role in a time when in-person outreach is limited.



14,268 Engagements

*The number of times someone interacted with the content (likes, shares, comments, link clicks, etc.)

PUBLIC EDUCATION



- Defensible Space
- Education Misc. (School Programs, Youth Firesetter, Disaster Prep.)
- Fairs
- Cooperators
- News Releases/Press Conference/Social Media
- Parades



6,077 Likes



Exciting things are happening! Today we celebrated the groundbreaking ceremony for the Riverside Avenue #ShastaCounty Fire Station 47. The site is situated between I5 & HWY 273 & will allow quick access in either direction of both corridors.



Fleet Services

Jason Rodgers was the Forestry Equipment Manager (FEM) of both the CAL FIRE and Shasta County fleets. In 2021 He promoted to FEMII at Northern Region Headquarters. The position is currently in the process of being filled. Until then Heavy Equipment Mechanic (HEM) Jared Agius R2434 is the point of contact for shop services. The County fleet is comprised of 102 vehicles that include fire engines, water tenders, rescues, and boats. The Unit FEM also oversees the CAL FIRE fleet which includes approximately 150 pieces of fire equipment. The SCFD fleet is maintained by two full-time heavy equipment mechanics (HEM's), Ben Onopa R2431 and Delbert Bellus R2432. These mechanics service and maintain the SCFD equipment in the field, at SCFD Volunteer Fire Stations, and at the shop located at Shasta-Trinity Headquarters.

The fleet maintenance budget is roughly \$130,000, which includes \$20,000 in Measure "B" funds. County Fire strives to maintain a reliable fleet. The goal is to maintain a robust replacement schedule based on a vehicle's years of service and miles driven. However, this process has been complicated by the increased cost of new fire equipment which has outpaced the Measure "B" replacement funding. To maintain a 20-year replacement schedule on fire apparatus, the Department would need to purchase a new fire engine each year.

The current Measure "B" funding does not fulfill this need. The Department has been very aggressive in renting out fire apparatus during fire season to CAL FIRE during wildland fire emergencies. The equipment rental reimbursements that are received help offset the replacement cost. In 2021 the Department purchased two Type III fire engines and two utilities.



Office Personnel

Shasta County Fire Department and CAL FIRE support staff members provide a wide variety of services to Shasta County volunteer firefighters and CAL FIRE firefighters. The support staff is committed to providing positive customer service to all SCFD volunteers, CAL FIRE firefighters, the public, and cooperating agencies.

The SCFD and CAL FIRE support staff are administered by John Kiszka, Assistant Chief – Administration.

Julia Hayen, Associate Governmental Program Analyst, SCFD

Julia Hayen is the Associate Governmental Program Analyst for SCFD. Her responsibilities include the development and management of the SCFD budget as well as grant-funded expenditures and reimbursements. These activities often require written reports to the Board of Supervisors. Julia also creates and processes all payments to the volunteer firefighters (including training, call stipends, and reimbursement of fire pay), provides annual reviews for their attendance, and calculates service credits. She is also responsible for the creation of vendor contracts for services to the SCFD facilities.

Josh Williams, Associate Governmental Program Analyst, CAL FIRE

Josh Williams is responsible for hiring personnel within the Shasta-Trinity Unit. He will also be assisting Unit Finance personnel with FI\$CAL and payment processing documents relating to operating expenses for CAL FIRE, Shasta-Trinity Unit's personnel. Josh is also responsible for ensuring proper staffing levels are met at all CAL FIRE and SCFD Schedule A facilities year-round. Along with these duties, Josh works cooperatively with the Region and Sacramento CAL FIRE offices.

Thanh Kincannon, Personnel Specialist, CAL FIRE

Thanh is responsible for processing documents relating to hiring, pay, and other benefits of Cal Fire, Shasta-Trinity Unit's personnel. Thanh is the unit's Return to Work Coordinator and works with Region staff and State Worker's Compensation for employees injured while on duty. Thanh is also responsible for the onboarding and layoff of the seasonal workforce each year.

Susan Chism, Staff Service Analyst, CAL FIRE

Susan processes and audits all financial documents that CAL FIRE incurs in the Shasta-Trinity Unit; inputs data for all expenditures and reconciliations of expenditures, while maintaining files for accountability. Susan works cooperatively with other state, federal, and county agencies to ensure all documents are submitted correctly and timely. She also processes and coordinates the distribution of payroll documents for CAL FIRE employees. She checks and reconciles all budgets within the unit to make sure that the state is on track for spending throughout the year.

Tabitha Mallery, Staff Service Analyst, CAL FIRE

Tabitha is working in a state funded position for the procurement methods with the new Fi\$cal system. Tabitha is responsible for Shasta-Trinity Unit's Headquarters and automotive shop, and all purchasing for those areas as well as monthly processing of Cal Card statements. She also helps with the workload of processing documents for all employees within the unit.

Barbara Reynolds, Staff Service Analyst, CAL FIRE

Barbara is working in the second State funded position to assist with the State's implementation of Fi\$cal. Barbara's assignment is to process all CALCARD purchases for both State and County funded CAL FIRE stations as well as monthly processing of Cal Card statements.

Rebecca Thompson, Office Technician, SCFD

Rebecca processes all new volunteer firefighters for SCFD. This process includes scheduling pre-employment physicals, completion of DOJ/FBI background checks, and testing for the use of self-contained breathing apparatus. She works cooperatively with Shasta County Risk Management on injury reporting and the addition of new volunteer firefighters. Rebecca processes all accounts payable for the SCFD volunteer stations. She also works with CAL FIRE and SCFD staff to coordinate the annual SCFD Volunteer Appreciation Dinner.

Sierra Falkenstein, Executive Office Technician, CAL FIRE

Sierra Falkenstein reports to and works for Unit Executive Staff. She performs a large volume of data entry and document management, including assisting numerous Unit programs. Sierra also is assigned part-time to assist the Trinity River Conservation Camp with administrative duties including processing FC-77 packages and Camp financial documents.

Service Center



April Howell, Forestry Logistics Officer, CAL FIRE
Caitlin Borges, Forestry Logistics Officer, CAL FIRE

Both April and Caitlin perform as one of the Unit's key supporting functions; they help with many operational needs in the Shasta-Trinity Unit and SCFD. They both are responsible for understanding many policies, procedures, and regulations as they relate to purchasing through various contracts and vendors. They serve as the property manager for all excess state and federal equipment and are responsible for its tracking. April and Caitlin are the keepers of all personal protective equipment (PPE) for CAL FIRE, which includes purchase, distribution, and tracking for approximately 360 Shasta-Trinity Unit employees.

Along with purchasing and distributing CAL FIRE PPE, they make many of the purchases to support fire emergencies within the county. In addition to local firefighting support, they are also responsible for supporting resources that are surged into the area during extended incidents often quadrupling their workload. They work with the SCFD parts storekeeper to ensure that all volunteer firefighters and CAL FIRE employees have the required equipment and supplies.

Allen Carroll, Parts Storekeeper, SCFD

Allen Carroll has the daunting task of ensuring that all 125-plus SCFD volunteer firefighters are properly outfitted with personal protective equipment (PPE). These articles include structural turnouts, wildland Nomex, hydration packs, and other miscellaneous gear needed by volunteer firefighters. Allen is responsible for purchasing all SCFD's PPE, supplies, and the tracking and inventory of all items issued to the volunteer firefighters. He also delivers necessary supplies to volunteer stations and plays a key role in supporting fires within the SCFD response area. Finally, Allen supports all functions of the CAL FIRE side of the Service Center in collaboration with the state Forestry Logistics Officer.

Battalion 1

Battalion 1 is under the direct supervision of Battalion Chief Dusty Gyves, which consists of five Shasta County Volunteer Fire Companies and two CAL FIRE stations:

- Shasta County Volunteer Fire Company 10 – Cassel
- Shasta County Volunteer Fire Company 11 – Hat Creek
- Shasta County Volunteer Fire Company 12 – Old Station
- Shasta County Volunteer Fire Company 13 – Soldier Mountain
- Shasta County Volunteer Fire Company 70 – Big Bend
- CAL FIRE Burney Station 14
- CAL FIRE Big Bend Station 19

The Battalion serves a population of approximately 4,800 residents and covers an area of 336,412 acres. Each SCFD Battalion 1 volunteer fire company has a Type II engine, Type III engine, water tender, and rescue. The Shasta County Fire Department has the jurisdictional responsibility for fire protection in the communities of Big Bend, Cassel, Hat Creek, Old Station, Pondosa, Dana, and Soldier Mountain; and Lake Britton and Burney Falls State Park.

Recruitment and retention of Volunteers remains difficult in Battalion 1 and the number of volunteers at each of the Volunteer Companies continue to decline.

Cal Fire Station 14 has remained fully staffed throughout the entire 2021 year due to additional State funding. This has provided additional service to the citizens of Shasta County in the Burney, Big Bend, Cassel, Hat Creek, Montgomery Creek, Old Station, and Soldier Mountain areas. Station 14 staff worked on the Burney Community Fuel Break Phase II & III as well as on the Johnson Park Community Fuel Break. The Station responded to 521 calls for service in 2021.

The CAL FIRE engine is staffed for 24 hours a day with a minimum of three personnel (one company officer and two firefighters).

Shasta County Volunteer Fire Company 10 – Cassel

Company 10 is served by five volunteer firefighters led by Volunteer Chief Don Chaix. Company 10 is the primary fire company for Cassel, Lake Britton, and Burney Falls State Park. The Company serves a population of 207 permanent and seasonal residents. The area is a popular outdoor recreation area for hunting, fishing, camping, and boating. The Company's primary response area includes three Pacific Gas & Electric (PG&E) power houses along Hat Creek and the Pit River; and the Lake Britton (Pit 3) dam. There are two state highways (Highway 299 East and Highway 89), the Pacific Crest Trail, Burney Falls State Park, several public and private campgrounds, two large construction companies, two large PG&E natural gas transmission lines, and multiple main electrical transmission lines. The communities served by Company 10 have two fire safe councils: Burney Fire Safe Council (Lake Britton area) and the Hat Creek Valley Fire Safe Council (Cassel proper). The fire safe councils have identified four separate evacuation collection points that lie within Company 10's primary response area. The pre-identified collection points are the Cassel Volunteer Fire Station, Mountain Christian Academy, Hat Creek Construction, and Burney Falls State Park.

In 2021, the volunteer firefighters from Companies 10, 11, and 12 have joined forces. In an effort to increase the level of service, Company 10 has committed to be dispatched to all calls in the neighboring response areas

of Companies 11, and 12. The volunteer firefighters from Company 10 dedicated many hours to training and emergency response. The Company is supported locally by the Cassel Volunteer Fire Company, Inc. In 2021, Company 10 was dispatched to 209 calls for service.

Shasta County Volunteer Fire Company 11 – Hat Creek

Company 11 is served by ten volunteer firefighters led by Volunteer Chief, Richie Hathaway III. Company 11 serves a community of 500 permanent and seasonal residents. The area is a popular outdoor recreation area for hunting, fishing, camping, and hang gliding. State Highway 89 and Hat Creek run north and south through its entire response area. Company 11 also responds to the communities of Cassel, to the north, and Old Station, to the south. The Company's jurisdiction falls entirely within the Hat Creek District of the Lassen National Forest. Within Company 11's response area is a popular north state hang gliding launch area on the Hat Creek rim, several public and private campgrounds, and the Hat Creek Radio Observatory; a space research facility operated as a partnership between the University of California, Berkeley, and the Search for Extraterrestrial Intelligence Institute (SETI). The Hat Creek Valley Fire Safe Council serves the entire populated area within Company 11's response area and has identified Station 11 as one of its evacuation collection points.

In 2021, the volunteer firefighters from Companies 10, 11, and 12 have joined forces. In an effort to increase the level of service, Company 11 has committed to be dispatched to all calls in the neighboring response areas of Companies 10 and 12. The volunteer firefighters from Company 11 dedicated many hours to training, emergency response, and fundraising. The Company is supported locally by the Hat Creek Volunteer Fire Department, Inc. Company 11 volunteers continue their local firefighter training program for area teens. The program provides teens with future job training and promotes interest in becoming a volunteer firefighter. In 2021, Company 11 was dispatched to 187 calls for service.

Shasta County Volunteer Fire Company 12 – Old Station

Company 12 is served by one volunteer firefighter, Volunteer Chief, John Parrish. John Parrish has been with the Old Station Volunteer Company for over 40 years. The Company serves a community of 51 full-time residents, with another approximately 2,000 summer residents. The area is a popular outdoor recreation area for hunting, fishing, camping, and sledding. State Highways 89 and 44 run through the response area. Company 12's response area falls entirely within the Hat Creek District of the Lassen National Forest and borders the Lassen Volcanic National Park. Within the Company's response area are two fishing resorts, three public campgrounds, a gas station/market, and a restaurant. The Hat Creek Valley Fire Safe Council serves the entire populated area within the response area and identified Station 12 as one of its evacuation collection points.

In 2021, the volunteer firefighters from Companies 10, 11, and 12 have joined forces. In an effort to increase the level of service, Company 12 has committed to be dispatched to all calls in the neighboring response areas of Companies 10 and 11. The volunteer firefighter from Company 12 dedicated many hours to training, emergency response, and fundraising. Every spring they host the annual Fishermen's Breakfast on the opening Saturday of the California Trout Season Opener. This event draws large amounts of people from all over Northern California. The Company is supported locally by the Old Station Volunteer Fire Department, Inc. In 2021, Company 12 was dispatched to 159 calls for service.

Shasta County Volunteer Fire Company 13 – Soldier Mountain

Company 13 is served by eight volunteer firefighters led by Volunteer Chief, Greg Mayer. Company 13 serves the communities of Pondosa, Dana, and Soldier Mountain, with a seasonal and permanent resident population of approximately 120 people. The Company's primary response area is a combination of remote timberland, wetlands, ranch, and agricultural land. State Highway 89 runs through the west portion of the response area. There is a large wild rice processing facility, two large PG&E natural gas pipelines, several large power transmission lines, and fishing resorts in the response area.

In 2021, the volunteer firefighters from Company 13 dedicated many hours to training, emergency response, and fundraising. They host a St. Patrick's Day Dinner and a summer BBQ that many attend. The Company is supported locally by the Soldier Mountain Volunteer Fire Company, Inc. In 2021, Company 13 was dispatched to 84 calls for service.

Shasta County Volunteer Fire Company 70 – Big Bend

Company 70 is served by eight volunteer firefighters led by Acting Volunteer Chief, Geoff Unangst. Company 70 serves a community of 150 permanent and seasonal residents. The area is a popular outdoor recreation area for hunting, fishing, and camping. The community of Big Bend is a remote area of Shasta County and is 18 miles from the next closest fire company, located in Montgomery Creek. The Pit River runs through the entire response area and there are several small reservoirs along the Pit and McCloud River. The response area also includes three PG&E power houses, two PG&E dams, several PG&E main electrical power lines, Iron Canyon Reservoir, several private campgrounds, a market/gas station, and a large school.

In 2021, the volunteer firefighters from Company 70 dedicated many hours to training, emergency response, and fundraising. The Company is supported locally by the Big Bend Volunteer Fire Company Auxiliary. In 2021, Company 70 was dispatched to 42 calls for service.



Battalion 2

The Battalion is under the direct supervision of Battalion Chief Tim Whitehurst. Battalion 2 includes two Shasta County Fire Department volunteer fire companies located in the communities of Montgomery Creek and Oak Run. During CAL FIRE's peak staffing period, Hillcrest, Diddy Wells, and Buckhorn stations are staffed with one type three fire engine each.

- Shasta County Volunteer Fire Company 30 – Oak Run
- Shasta County Volunteer Fire Company 71 – Montgomery Creek
- CAL FIRE Buckhorn Station 34
- CAL FIRE Diddy Wells Station 74
- CAL FIRE Hillcrest Station 75

Each volunteer fire company in Battalion 2 houses a Type II structure fire engine, a Type III wildland fire engine, rescue unit, and water tender. These companies are actively involved in recruitment, training, emergency response, facility and equipment maintenance, and various fundraising activities. The communities located within the Battalion pose a variety of emergency response challenges to fire personnel including industrial and commercial structures, large power distribution facilities, and a variety of dynamic fuel and topography types.

In 2021, Battalion 2 continued to work on Vegetation Management projects to increase the safety of Shasta County residents. Fuels reduction work along Buzzard Roost Road has begun and will continue into 2022. Fuels reduction along Backbone Road has been approved and work is scheduled to begin in 2022 as well. Battalion 2 continues to work with local landowners to treat suitable areas with prescribed fire for large scale treatments. The reduction of vegetation allows for safer ingress of emergency resources and evacuation of residents during a wildfire incident and provides for additional grazing land for wild and domestic animals. A wildfire burns less intense in areas that have had fuels treatments, allowing for greater probability of success during suppression efforts.

Shasta County Volunteer Fire Company 30 – Oak Run

SCFD Company 30 is led by Volunteer Chief Linda Barneby. Company 30 responded to 85 calls for service in 2021. Company 30 protects the communities of Oak Run, Mill Creek Estates, and Whitmore. Area population is approximately 800 persons within 100 square miles. Oak Run Volunteer Fire Company has 4 active members. Company 30 seeks to continue improving the facility to increase function and fund-raising abilities for the future. Over the last year, they have added a 3 well sink, commercial size refrigerator, and 2 metal storage cabinets to the kitchen. An enclosed, lockable storage area was added to secure power equipment utilized for station maintenance.

Shasta County Volunteer Fire Company 71 – Montgomery Creek

SCFD Montgomery Creek has two fire stations - Station 1 is located on Hwy 299 in Round Mountain and houses a rescue and a Type II structure engine. Station 2 is located on Hillcrest Drive in Montgomery Creek and houses a Type III wildland fire engine and a water tender. Company 71 is led by Volunteer Chief Theresa Carroll and has a roster of ten volunteers. Company 71 protects the communities of Round Mountain, Montgomery Creek, Hillcrest, Moose Camp, Big Bend, Oak Run, and Ingot, with a yearly population of approximately 1,420 across approximately 300 square miles. In 2021, Company 71 responded to 327 calls for service. Company 71 personnel devoted roughly 6,127 hours to emergency response, training, vehicle and facility maintenance, administration, and fundraising activities. Montgomery Creek personnel staffed an engine during a critical resource draw down and wildfire activity.



Battalion 3

The Battalion is under the direct supervision of Battalion Chief Brian Noel. Battalion 3 consists of two volunteer fire companies and two CAL FIRE stations:

- Shasta County Volunteer Fire Company 20 – Shingletown
- Shasta County Volunteer Fire Company 31 – Whitmore
- CAL FIRE Shingletown Station 22
- CAL FIRE Whitmore Station 35

Located in southeastern Shasta County, Battalion 3 encompasses the communities and surrounding areas of Millville, Shingletown, Whitmore, Viola, and Manton. Millville Fire Protection District (MFPD) also provides protection in and around the community of Millville. Shasta County Fire Department is a cooperator with area fire agencies, having automatic aid fire protection agreements with both Millville FPD and Tehama County Fire (Manton Volunteer Fire Company) to provide protection to the citizens of Shasta County based on the closest resource concept.

Shasta County Volunteer Fire Company 20—Shingletown

The Volunteer Company is led by Volunteer Chief Tom Dodson and utilizes three stations. The locations of these stations are Shasta Forest Village, the Starlite Pines Subdivision, and the intersection of Alward Way and Highway 44. Company 20 was dispatched to a total of 607 incidents in 2021. There are nine volunteer firefighters who are fully trained responders, along with three new recruits that are in training. Resources utilized to respond to these incidents include two structure fire engines, one wildland fire engine, two 3,000-gallon water tenders, and three rescues. One of the rescues is fully equipped with extrication rescue tools.

Critical infrastructure within and around the community includes PG&E natural gas lines, PG&E and WAPA high-voltage transmission lines, Volta Powerhouse, a medical clinic, Black Butte Elementary and Middle School, church and private camp/ recreational facilities, public camping and recreational sites, and commercial timberland. Commercial businesses located in Shingletown include: grocery stores, Dollar General, restaurants, a small business park, and several other small businesses, totaling approximately 145,000 sq. ft.

Roughly 1900 residential structures are in and around Shingletown, including approximately 250 summer homes/cabins. The resident population is nearly 5000.

Shasta County Volunteer Fire Company 31—Whitmore

Company 31 utilizes one station in Whitmore and is led by Volunteer Chief Bill Ellis. The Volunteer Company was dispatched to a total of 71 incidents in 2021. There are six trained responding volunteer firefighters and one new recruit going through training. Resources utilized to respond to these incidents include one structure fire engine, one wildland fire engine, two 2,000-gallon water tenders, and one rescue.

Critical Infrastructure within and around the community includes PG&E natural gas lines, PG&E and WAPA high-voltage transmission lines, Kilarc Powerhouse, Whitmore Elementary School, Whitmore Community Center, a private church camp/school, public recreational sites, and commercial timberland. Additional commercial businesses located in Whitmore include a general store, post office, and a private winery and antique store, totaling approximately 20,000 sq. ft.

Almost 350 residential structures are in Whitmore including 20 summer homes/cabins. The resident population is approximately 700.

CAL FIRE Station 22—Shingletown

CAL FIRE Station 22 provides additional protection to Shingletown and surrounding areas. The engine is staffed for 24 hours a day with a minimum of two personnel (one company officer and one firefighter). CAL FIRE provides the company officer and Shasta County Fire funds the firefighter position. A CAL FIRE Engine is utilized and housed at a CAL FIRE facility.

This engine responded to a total of 227 incidents during the Amador period in 2021. For the entire year, Station 22 responded to 697 incidents, with the majority being SCFD responsibility incidents. This is a prime example of the cooperative working relationship between SCFD and CAL FIRE in Shingletown.

CAL FIRE Station 35 – Whitmore

This is the second year that CAL FIRE Station 35 has been open year around, providing additional services to the citizens of Shasta County in the Whitmore, Oak Run, and Shingletown Communities. Station staff worked on the Ponderosa Way Fuel Break, burning on LaTour Demonstration State Forest as well as many other Vegetation Management Burns throughout the Shasta-Trinity Unit. The Station responded to 134 calls for service in 2021.

The CAL FIRE engine is staffed for 24 hours a day with a minimum of three personnel (one company officer and two firefighter II's).



Battalion 4

Battalion 4 is under the direct supervision of Battalion Chief Merrick Fields. Battalion 4 consists of two volunteer Fire Companies, one Shasta County Fire Department (SCFD) station, and one CAL FIRE/SCFD station.

- Shasta County Volunteer/Career Fire Company 32 – Palo Cedro
- Shasta County Volunteer Fire Company 55 – West Valley
- CAL FIRE Station 43/ SCFD Engine 47 – Redding

The Shasta County Fire Department's Battalion 4 is located on the valley floor along Interstate 5 and the Sacramento River corridor running North and South between the borders of Tehama County and the northern Redding City limits. Redding Battalion 4 has two incorporated cities which include the City of Anderson and the City of Redding. There are also two unincorporated communities within the Battalion which are served by the independent Fire Districts of Happy Valley and Cottonwood, which have agreements with Shasta County for response.

Redding Battalion 4 is comprised of an integrated, multi-agency workforce of state and local firefighting resources that provide fire protection through various types of Automatic Aid, Mutual Aid, and other cooperative fire agreements. Through these various types of agreements, the SCFD is committed to meeting its objective of fostering relationships with its local and federal agency cooperators and stakeholders to share resources as a cost-effective approach to providing services as outlined in the SCFD's 2020 Master Plan.

Battalion 4 is largely comprised of commercial, industrial, residential, agricultural, railroad, and highway uses, including Interstate 5 and State Highways 44 and 273. Located in the center of the Battalion running north and south is the Union Pacific Railroad (UPRR), hauling a diversified business mix of agricultural products, automobiles, chemicals, coal, industrial products and intermodal freight moving among the 23 western states. Industrial properties within SCFD's south county protection area include two active lumber mills, Sierra Pacific Industries and Siskiyou Forest Products, and three large bulk propane facilities that include Amerigas, Campora, and Blue Star Gas. The west side of the Battalion includes Pacific Gas and Electric Company's gas pipeline which delivers natural gas to the City of Redding's Electric Utility Cogeneration Plant through large underground pipes located underneath the UPRR tracks and along HWY 273 and Clear Creek Road. There are many mixed commercial developments along Hwy 273 and Latona Road to the south including UPS's Redding Freight Distribution Center, Meeks Hardware and Building Supplies, and Win River Casino with its 80,000-square foot gaming center, 40,000+ square foot two story administrative and tribal center, and a three story, 84 room hotel and spa. Many retail centers are located throughout the Battalion including restaurants, lodging, food supplies, recreation activities and equipment, traveler services (including gasoline fueling facilities), and entertainment related facilities.

With the increased traffic on I-5 between the cities of Anderson and Redding, Cal Trans has continued its construction of an I-5 corridor. The initial phase of this large-scale construction project started in November of 2018 and will be finished in 2022. This project will make the I-5 corridor three lanes wide both north and south bound, all of which reside within Battalion 4. A complex network of large high voltage transmission lines traverses the Battalion, delivering the main supply of power to cities such as Eureka and Fortuna. Running throughout the central portion of Battalion 4 is the Sacramento River which brings with it an increased demand for seasonal activities such as rafters, boating, and fishing enthusiasts. Located throughout the Battalion are numerous primary and secondary public schools to include Prairie and Pacheco elementary schools and West Valley and Foothill High Schools to name a few.

SCFD is faced with providing a complex and diverse level of fire and other emergency response to its citizens. The SCFD continues to work towards meeting its Master Plan goal of increasing operational efficiencies by developing procedures that immediately reduce response times and increase response safety. The most sizeable portion of Battalion 4 is located along the Hwy 273 corridor and the south county area. The construction of the South County Fire Station 47 has begun and should be completed by the end of Summer 2022. The new South County Fire Station 47 will bring increased cost effectiveness, and decreased response times to the county's highest dollar value assets.

SCFD purchased two new type III wildland engines that will be in-service for the 2022 fire season and they will be housed at Station 32 and the newly constructed South County Fire Station 47 once it is open.

Fire Protection within the Battalion is largely made up of career paid staffing, specifically within the incorporated cities and Fire Protection Districts, while CAL FIRE/SCFD career and volunteer firefighters make up most the firefighting work force in the unincorporated areas of the Battalion. The make-up of career and volunteer staffing within Battalion 4 include two career staffed SCFD Type II fire engines, two SCFD volunteer fire companies, and two CAL FIRE Type III fire engines and one dozer.

Shasta County Fire Department Station 32 – Palo Cedro (career and volunteer staffed)

Schedule A, Engine 32 is staffed with a minimum of 2 career personnel and is co-located with Volunteer Fire Company 32. Volunteer Company 32 is led by Volunteer Chief Dan Whitehorn. The career staff operates and maintains the County's Self-Contained Breathing Apparatus (SCBA) Program. The personnel are trained in every aspect of repair, service, maintenance, and Cal-OSHA requirements under Title 8 and the National Fire Protection Association (NFPA). The SCBA program is highly involved and is the primary function of the Schedule A staff at Station 32. The community of Palo Cedro has a population of approximately 1,151 people based on the 2020 census. Palo Cedro is primarily comprised of residential, agricultural, commercial, and highway uses. Within the core of the community located near Deschutes Road and State HWY 44 is a mix of commercial properties including a supermarket, strip mall retail centers, and four educational institutions including the Foothill High School, Bishop Quinn Catholic Center, North Cow Creek School, and Junction Elementary School. The community has seen additional growth in 2020 of both residential and large commercial buildings. The Company operates one structure fire engine, one wildland fire engine, fire rescue, and a water tender. In 2021, Fire Company 32 was dispatched to 618 incidents.

CAL FIRE Redding Station 43

CAL FIRE/SCFD Redding Fire Station 43 is located on Airport Road in Redding and is served by one SCFD Type II structure fire engine under contract with CAL FIRE staff and a minimum of 2 personnel, and two Type III CAL FIRE wildland fire engines staffed with a minimum of 3 personnel during the peak fire season months of June 1st through October 31st. While CAL FIRE's primary mission emphasizes the management and protection of California's natural resources from wildland fires, these two engines can be dispatched to the scene of an auto accident, structure fire, or any emergency within SCFD's jurisdiction. During the non-wildfire season period of November 1st through May 31st, staffing at Station 43 is reduced to one SCFD Type II structure fire engine and one Type III wildland fire engine staffed with a minimum of 2 under contract with the SCFD. CAL FIRE/SCFD has a year around Mutual Threat Zone Agreement (MTZ) with the City of Redding Fire Department for structure fires, wildland fire, and traffic accidents. This Agreement provides decreased response times for both departments for incidents in the area covered by the MTZ. SCFD has an Automatic Aid Agreement with the Anderson Fire Protection District and provides responses to all structure and wildland fires in the District.

Station 43 also responds to auto accidents, river rescues, and medical emergencies within certain areas of the District. The city of Anderson fire department reciprocates their responses to certain County incidents as well. In 2021, Station 43 responded to 2,174 Incidents.

Shasta County Fire Department Station 55 – West Valley

The West Valley Volunteer Fire Company is led by Volunteer Fire Chief Shawn Plummer. While West Valley is considered a part of the Cottonwood community for census purposes, it is estimated that approximately 750 residents are served by the West Valley Volunteer Fire Company. The area boasts a mix of mainly residential and agricultural uses with small commercial facilities and the West Valley High School. The Company operates 1 structure fire engine, 1 wildland fire engine, fire rescue, and a water tender. In 2021, West Valley Volunteer Fire Company was dispatched to 259 incidents.

Battalion 5

The Battalion is under the direct supervision of Battalion Chief Troy Velin. Battalion 5 consists of three volunteer fire companies, and two CAL FIRE stations (one Amador):

- Shasta County Volunteer Fire Company 50 – Igo/Ono
- Shasta County Volunteer Fire Company 52 – Centerville
- Shasta County Volunteer Fire Company 59 – French Gulch
- CAL FIRE Ono Station 57
- CAL FIRE Shasta Station 58

Battalion 5 is comprised of the communities of Centerville, Igo/Ono, Keswick, French Gulch, and Platina. The Battalion lies at the foot of the California Coast Range with elevations ranging from 500 to 6919 feet. The Whiskeytown National Recreation Area and the Shasta Fire Protection District are within the Battalion. The Battalion is comprised of oak woodland, chaparral, and timberland with residential subdivisions located within the wildland. All the communities within Battalion 5 have the potential for a catastrophic Wildland Urban Interface (WUI) fire due to population density and fuel loading. These communities are served by four volunteer fire companies and two CAL FIRE stations.

Critical infrastructure within the Battalion includes Shasta Dam and Powerhouse, Keswick Dam and Powerhouse, Carr Creek Powerhouse, Spring Creek Powerhouse, and the associated power lines that carry the electricity from these facilities to the rest of the state. State Highways 299 and 36 traverse the Battalion carrying thousands of travelers and hazardous materials to and from the north coast of California each year.

The numerous hiking and biking trails in Centerville, Keswick, and Whiskeytown have increased over the years and the number of remote area rescues on these trails has increased as well. This presents a unique rescue task that frequently involves the Shasta County Fire Department, the Shasta County Sheriff's Department, the California Highway Patrol helicopter, and the National Park Service personnel at Whiskeytown. Summertime recreation at the Sacramento River and Clear Creek present water rescue hazards within the Battalion.

Public school campuses located in Platina, Igo, Centerville and French Gulch as well as the Keller Lumber Company in Keswick are examples of the significant fire and rescue risk located within the Battalion.

Shasta County Volunteer Fire Company 50 - Igo/Ono

The Igo/Ono Volunteer Fire Company currently has a roster of 8 volunteer firefighters and is led by Volunteer Chief John Allen. The community contains over 600 residents and is comprised of mainly rural residences, ranches, and wildland. The City of Redding and the County of Shasta operate a land-fill east of Igo, and the Northern California Veterans Cemetery is located south of town.

The fire company has a fire station in Igo and a satellite station in Ono. The fire company operates two municipal fire engines, one wildland fire engine, one water tender, and one rescue vehicle. In 2021, there were 179 incidents within the communities of Igo and Ono.

Shasta County Volunteer Fire Company 52 - Centerville

The Centerville Volunteer Fire Company currently has a roster of 22 volunteer firefighters and is led by Volunteer Chief John Luntey. The community is comprised of mainly residential subdivisions and rural residences. The community has numerous houses of worship, a feed store, mini-storage, and the Grant elementary/middle school campus that are examples of the target hazards in Station 52's response area.

The fire company operates one municipal fire engine, one wildland fire engine, and one rescue vehicle. In 2021, there were 302 incidents within the community of Centerville.

CAL FIRE Ono Station 57

CAL FIRE Station 57, located in the community of Ono, is a seasonal fire station open only during the summer and fall. One CAL FIRE wildland fire engine operates out of the facility. In 2021, Station 57 responded to 146 incidents.

CAL FIRE Shasta Station 58

CAL FIRE Station 58 provides additional protection to SCFD jurisdiction west of Redding during the winter months. An engine is staffed at Station 58, 24 hours a day, with a minimum of 2 personnel. An SCFD breathing support trailer unit is housed out of the facility and is staffed as incidents dictate. During fire season, CAL FIRE staffs two wildland fire engines and one bulldozer at the station. In 2021, Station 58 responded to 815 incidents.

Shasta County Volunteer Fire Company 59 - French Gulch

The French Gulch Volunteer Fire Company currently has a roster of 7 volunteer firefighters and is led by Volunteer Chief Cliff Shattuck. The community contains over 300 residents, and it is comprised of mainly of rural residences and historical commercial businesses. The French Gulch Hotel, built in 1885, is a historic business built in the gold mining era. The Carr Creek Powerhouse is in Station 59's response area.

The fire company operates one municipal fire engine, one wildland fire engine, and one rescue vehicle. In 2021, there were 76 incidents within the community of French Gulch.

Battalion 7

Battalion 7 is under the direct supervision of Battalion Chief Brian Giblisco, and consists of three SCFD Volunteer fire companies and one CAL FIRE Station:

- Shasta County Volunteer Fire Company 33 – Bella Vista
- Shasta County Volunteer Fire Company 54 – Lakehead
- CAL FIRE Shasta College Station 73

Each Volunteer fire company in Battalion 7 has a Type II structure fire engine, Type III wildland fire engine, rescue unit, and water tender. The fire companies are actively involved in training, recruitment, emergency response, facility and equipment maintenance and fundraising activities. The Battalion starts in the valley, starting at the north side of Redding, extending north to the Siskiyou County line. The entire shoreline of Shasta Lake lies within the Battalion. The area north of Shasta Lake lies within the Federal Direct Protection Area and is administered by the United States Forest Service (USFS), Shasta Trinity National Forest for wildland fires. The USFS has statutory responsibility for wildland fires, but Shasta County Fire Department is responsible for all medical aids, traffic collisions, hazardous conditions, and fires involving structures, vehicles, boats, and other improvements. The Battalion also includes one incorporated city, City of Shasta Lake, and one fire district, Mountain Gate Fire Protection District. Shasta County Fire Department has mutual aid agreements with the City of Shasta Lake and Mountain Gate Fire Protection District. This includes responses to structure fire, both residential and commercial, and vehicle accidents.

Interstate 5 runs through the middle of the Battalion with high vehicle traffic, especially commercial vehicles. As the interstate leaves the valley and climbs through the Sacramento River canyon, the roadway is affected by the surrounding terrain. This change in the roadway along with the potential for rapidly changing weather in the winter can make travel difficult to the northern portion of the Battalion. Shasta County Volunteer Company 54 located in Lakehead is the only County Fire resource north of Shasta Lake and relies on a response from the valley for all calls, especially accidents and fires. This becomes more problematic when Interstate 5 is closed due to weather and road conditions.



The Battalion also encompasses Shasta Lake and all the improvements on the lake, including the marinas and private residences around the lake and surrounding communities. Some of the residents around the lake require a response by boat due to the inability to access them from poorly maintained roads. The boats are not staffed all the time and require a response from one of the stations to respond from Bridge Bay Marina.



Shasta County Volunteer Fire Company 33 – Bella Vista

Located in the middle of town on Highway 299 east in Bella Vista is Company 33. The company is staffed by seventeen volunteers and is led by Volunteer Chief Ron Smith and the recently retired Assistant Volunteer Chief Bob Baker who diligently served the community. In 2021 Company 33 was dispatched to 775 calls in their response area. The Company's immediate response area covers about 40 square miles with a population of approximately 2,800. In addition to running calls, Company 33 also attended 5,000 hours of training to acquire skills and knowledge to fight wildland and structure fires, assist in medical emergencies, traffic accidents, public assist, and hazardous materials. Company 33 installed a new electronic sign board in front of the station this year, to aid in getting information to citizens in the community.

Company 33's protection area includes gas stations, restaurants, churches, post office, grocery store, water district office, elementary school and several other commercial buildings. The response area includes the heavily traveled Highway 299 East. There is also access to Lake Shasta through Dry Creek Road which accesses two of the marinas on the lake, increasing vehicle traffic in the summer months. Company 33 responds closely with Shasta College, Jones Valley, Palo Cedro, and Oak Run.

Shasta County Fire Department Station 54 – Lakehead

Company 54 is in the center of the Lakehead community and provides service to the County area above Shasta Lake. Company 54 is led by Rick Sealana and supplemented by the Reserve Program which currently has 12 Volunteers from various SCFD Stations on the roster; providing service to the approximately 800 homes with nearly 900 permanent residents. Company 54 had 338 calls for service in 2021, which is high compared to areas with the same population. The increased call volume can be attributed to Interstate 5 which runs through the center of the response area. In adverse weather the call volume increases dramatically on Interstate 5 mostly due to the increase in motor vehicle collisions. In the summer months, the population of Lakehead increases dramatically with the rise in visitors to the lake and the surrounding forest. The lake and the wilderness area present the issue of long response time as access by vehicle can be very limited or the roads are not in a condition for easy travel. The volunteer recruitment process is active and ongoing in the area to try and increase the volunteer numbers. With only one full responder volunteer in the company, calls for service include sending equipment from the Shasta College Station and mutual aid from Mountain Gate Fire Protection District. The Volunteer Incorporation recently finished remodeling the station; adding sleeping quarters and updating the kitchen and bathrooms to accommodate the resident firefighter program. The construction finished in December 2021 and the Company along with the Incorporation raised funds to complete the project.

Shasta Cascade Hazardous Materials Response Team

The Shasta Cascade Hazardous Materials Response Team is in its 22nd year of operation. The first Letter of Understanding developing the framework to establish the Shasta Cascade Hazardous Materials Response Team was in November 1999. On June 1, 2000, the Shasta Cascade Hazardous Materials Response Team (SCHMRT) went into service. The original SCHMRT team was made up of dedicated hard-working men and women from several county agencies and jurisdictions. With a limited budget, the tools and equipment were mostly acquired from donations. These tools and equipment were stored in either old Haz Mat 24 (old box style ambulance) or Haz Mat 24 Support (8-person style van).

SCHMRT is a Multi-Agency Team and is made up of men and women from Lassen, Modoc, Shasta, Siskiyou, Tehama and Trinity Counties, California Highway Patrol (CHP) Northern Division, personnel from Anderson Fire Department, Corning Fire Department, Red Bluff Fire Department, Redding Fire Department, Shasta Lake Fire Department, and CAL FIRE. SCHMRT has one dedicated Hazardous Materials Vehicle (Haz Mat 24). Haz Mat 24 stores and transports team members, specialized equipment, and tools to Hazardous Materials Incidents/trainings. In 2013 SCHMRT was certified as a Type II Hazardous Materials Team by CAL EMA (California Emergency Management Agency). Shasta County Fire is the lead agency for SCHMRT. The Team is overseen by a Program Manager and an Operation Director. The Program Manager is CAL FIRE Battalion Chief Kyle Ferris. The Operation Director is Redding Fire Department Battalion Chief Jason Foley. SCHMRT is a 50-person Type II Team that provides capabilities to identify and work with known and unknown industrial chemicals; provide air monitoring; work with liquid, vapor, and cryogenic materials; ability to monitor Gamma and Beta radiation; plume air modeling; decontamination of individuals with known and unknown chemicals; provide diking, absorption, plugging and patching of liquids, solids and vapors; and neutralization of chemicals. Most members on the team are trained to the Hazardous Materials Specialist level (240 hours of training). Funding for the team comes from grants, incident cost recovery, and member agency contributions. Hard work, training and dedication from team members make SCHMRT what it is today. In 2022 SCHMRT will continue to further educate and train its members during monthly trainings.



Shasta Cascade Hazardous Materials Response Team

875 CYPRESS AVENUE, REDDING, CA 96001 (530) 225-2418

Serving Lassen, Modoc, Shasta, Siskiyou, Tehama and Trinity Counties

Shasta County Fire Department Boat Program



Lake Shasta is a popular spot for boating, water skiing, camping, house boating, and fishing. Lake Shasta has a surface area of 30,000 acres and 365 miles of shoreline, making it the State's largest reservoir and the third largest body of water after Lake Tahoe and the Salton Sea. Shasta County Fire Department has two fire-rescue boats that provide emergency response on Lake Shasta. The fire-rescue boats respond to water rescues, medical aids, boat collisions, boat fires, vegetation fires, search and rescue, and other calls for service. The fire-rescue boats are often used on vegetation fires to transport firefighters to areas around the lake inaccessible by roads. The SCFD Boat Program personnel work closely with the Shasta County Sheriff's Boating Safety personnel throughout the entire year, especially during busy holiday weekends and summer months. In 2021, SCFD Boat Program personnel responded to 23 incidents on Lake Shasta and personnel completed approximately 40 hours of training during the Mother's Day and Memorial Day staffing. The number of incidents on the lake was reduced this year due to limited gatherings during the college break weekends.

Mother's Day and Memorial Day weekends are typically the busiest weekends on Lake Shasta due to the increase of college students from Oregon and California coming to the lake on these weekends. CAL FIRE/SCFD personnel hard staffed one boat at Bridge Bay Marina again this year for both these holiday weekends. In years past both boats are staffed for these weekends, however with the limited visitation only one boat was staffed.

During the summer months both boats are centrally located at Bridge Bay Marina for a quicker response time due to the central location of Bridge Bay Marina and for security. During the winter months one of the boats is left moored at Bridge Bay for emergency response while the second boat is pulled out of the water and checked for annual winter maintenance evaluation.

Redding Air Attack Base [RAAB]

The Redding Air Attack Base (RAAB) was established in the late 1960s and is located at the CAL FIRE Northern Operations Center on Airport Road. The RAAB is an interagency base shared by CAL FIRE and the United States Forest Service (USFS).

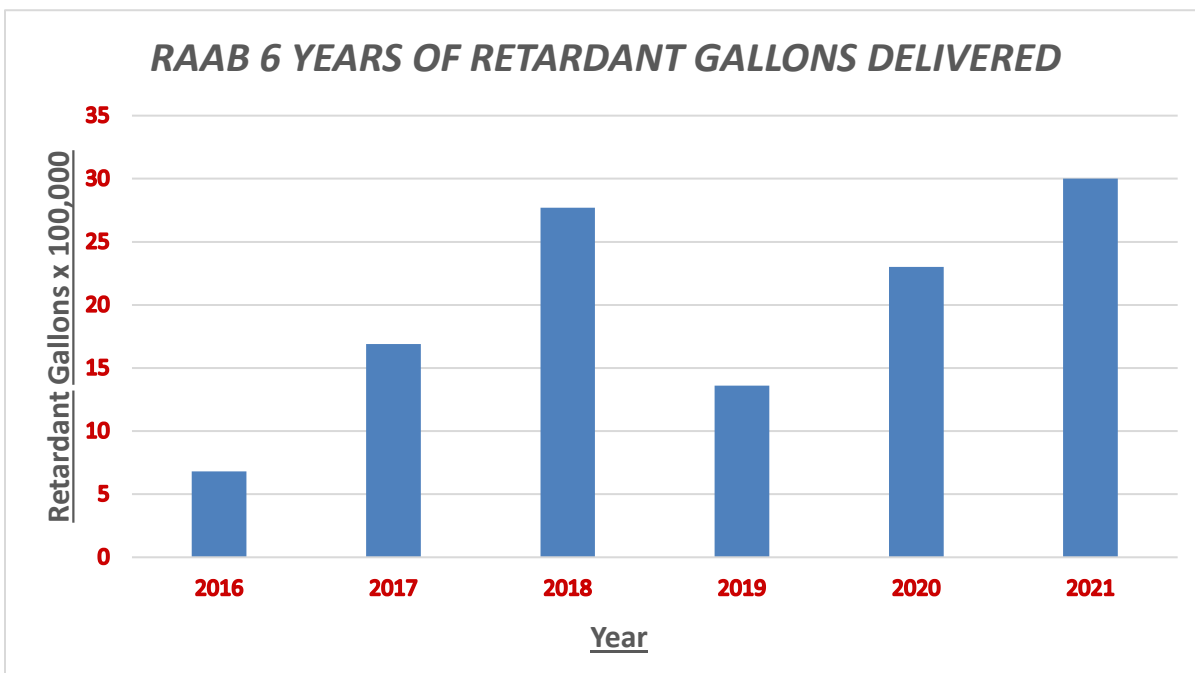
The Redding Air Attack Base is under the direct supervision of Battalion Chief Tim Shiffer, and consists of two Fire Captains, one Fire Apparatus Engineer, and five seasonal Firefighters. The complement of aircraft assigned includes Air Attack 240 which is an OV-10 Bronco used as a tactical command aerial firefighting aircraft, and two S-2T air tankers, T-94 and T-95. These air tankers can carry 1,200 gallons of fire retardant. Also assigned to the base on occasion is Air Attack 503, a King Air 200. This aircraft is used as a training platform for new Air Tactical Group Supervisor (ATGS) students.

RAAB has a vast response area, which spans from Red Bluff to the Oregon Border, and from Hayfork to Mt. Lassen. CAL FIRE has strategically located its air resources throughout California, with the goal of providing air resources to any fire incident within 20 minutes.

2021 was a record-breaking season for the Redding Air Attack Base. The aircraft based at RAAB delivered a total of 3,010,235 gallons of retardant in 2021. This is now the most retardant delivered in a single season since the base opened. Previously, the most retardant delivered in a single season was 2,769,167 gallons during the 2018 fire season (659,662 of those gallons were delivered to the Carr Fire). The highest one-day total on record for retardant delivered occurred in 1999, when the base delivered 290,000 gallons of retardant while supporting the Jones Fire in the Bella Vista area. In 2021 Air Attack 240 provided 197 flight hours over fires, Tanker 94 delivered 239,214 gallons of retardant with 189 flight hours and Tanker 95 delivered 292,137 gallons of retardant with 221 flight hours. RAAB responds to 220 calls per year.

Here is the Redding Air Attack Base’s totals for retardant delivered for the past six fire seasons:

2016 – 683,645 gallons	2018 – 2,769,167 gallons	2020 – 2,302,216 gallons
2017 – 1,693,974 gallons	2019 – 1,365,161 gallons	2021 – 3,010,235 gallons



The USFS at RAAB also provides contracted air tankers. Aircraft contracted include: The BAe-146, RJ-85, MD-87, C-130, MAFFS (Modular Airborne Firefighting Systems) C-130's provided by the military, Federal Government, and private vendors, and the first 737 conversion air tanker T-137. These air tankers can carry 2,000-4,000 gallons of fire retardant. Redding Air Attack Base was approved in 2017 to reload C-130 air tankers, and it proved to be a success again in 2020. In previous years, the C-130's would have to fly longer distances to reload bases causing them to burn more fuel and longer turnaround times. These aircraft are not permanently assigned to any specific base. Due to the limited number of air tankers, the USFS strategically locates these air tankers based on fire potential & fire activity. Typically, during the fire season, a federal air tanker will be in and out of Redding several times throughout the year.



Shasta County Fire Department EMS

The SCFD EMS program is overseen by Fire Captain/EMS Coordinator Steve Chapman. The Shasta County Fire Department has the responsibility for all medical aid incidents outside of incorporated cities and districts in Shasta County. It is imperative to provide a high level of care to those who call 9-1-1 and request medical assistance. In 2021, the department responded to approximately 3200 emergency medical calls, and approximately 500 traffic collisions. Approximately 1200 of these calls were in the outlying areas of the county. These are the areas where ambulance response time is the longest, about 30 minutes. This requires the responders to care for the patients for extended periods of time, requiring them to be proficient in their skills and knowledge. The department dedicates two and a half months every year to EMS training, delivering over 1,000 hours of instruction.

Last year the County Fire Department participated in many of the COVID-19 Mass Vaccination Clinics in Shasta County. They provided medical stand-by for the clinics, assisted the staff with the set up and take down of the clinics and help with the coordination of the clinics.

Each year sees new challenges in the EMS field, ranging from increased skills to new products to improve patient care. Shasta County falls within the Sierra-Sacramento Valley Local Emergency Medical Service Agency (S-SV). The agency dictates the policy for how medical emergencies are handled and the equipment used. In order for S-SV to adjust policies as needed, continuous reporting from the field is required. The SCFD EMS coordinator is the point of contact for S-SV, as well as ensuring all EMS training, equipment purchasing, and record compliance is completed.



**This report has been prepared by the
CAL FIRE/ Shasta County Fire Department
www.shastacountyfire.org**