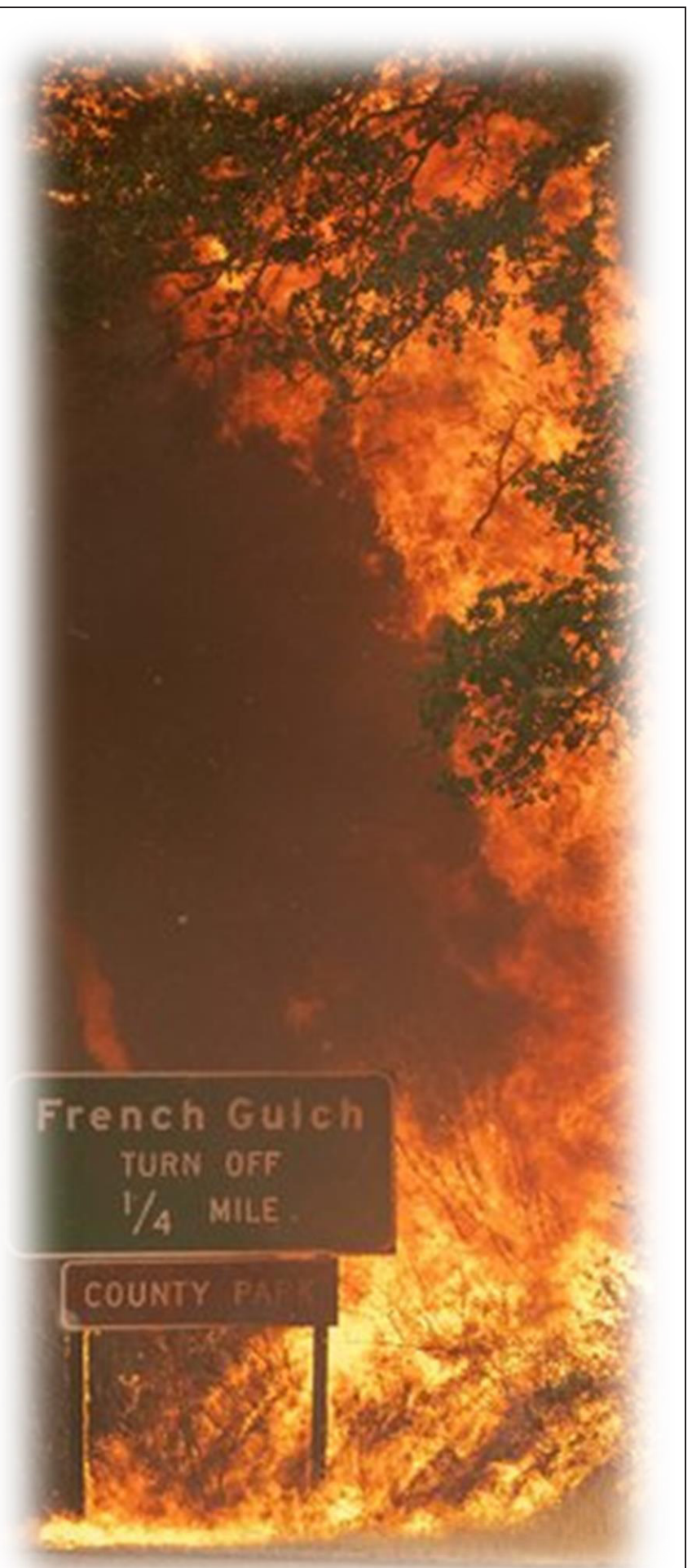


Shasta County Fire Department
in Cooperation with CAL FIRE
2018 Annual Report



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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 my sincere pleasure to present the 2018 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 "2014 Master Plan" as well as fire department activities for the calendar year.

Not unlike other departments in the fire service, the men and women who serve in this Department do so with a passion and commitment that has always been the guiding tradition of the fire service. Our mission details our commitment to the communities we serve. As part of that mission, we strive daily to improve our core capabilities to provide the best level of service possible.

The 2018 fire season was historic for Shasta County in regard to emergency incidents. The Carr Fire not only pushed our public safety professionals to the extreme, but also heavily affected every community leader, government department, utility provider, business owner, and citizen of Shasta County physically, emotionally and mentally. I personally observed the aforementioned come together in unity to mitigate the incident and meet the needs of this great community in a way I have not witnessed in my 30-year career. The speed in which this community is recovering is truly inspiring.

We live and work in a county that is unlike any other in the nation. The area offers natural beauty, recreational activities and is centrally located near many of the State's popular travel destinations. Additionally, our community is comprised of citizens filled with a sense of pride and unity that makes Shasta County special. I am very proud and humbled to lead an amazing group of professionals, both volunteer and career firefighters, as we continue to serve this county as well as others in times of need. The Department's accomplishments, with the resources provided to us by our elected officials on behalf of our citizens, is amazing!

Sincerely,

Bret Gouvea



Shasta County Board of Supervisors



*Joe
Chimenti*
District 1
Redding

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

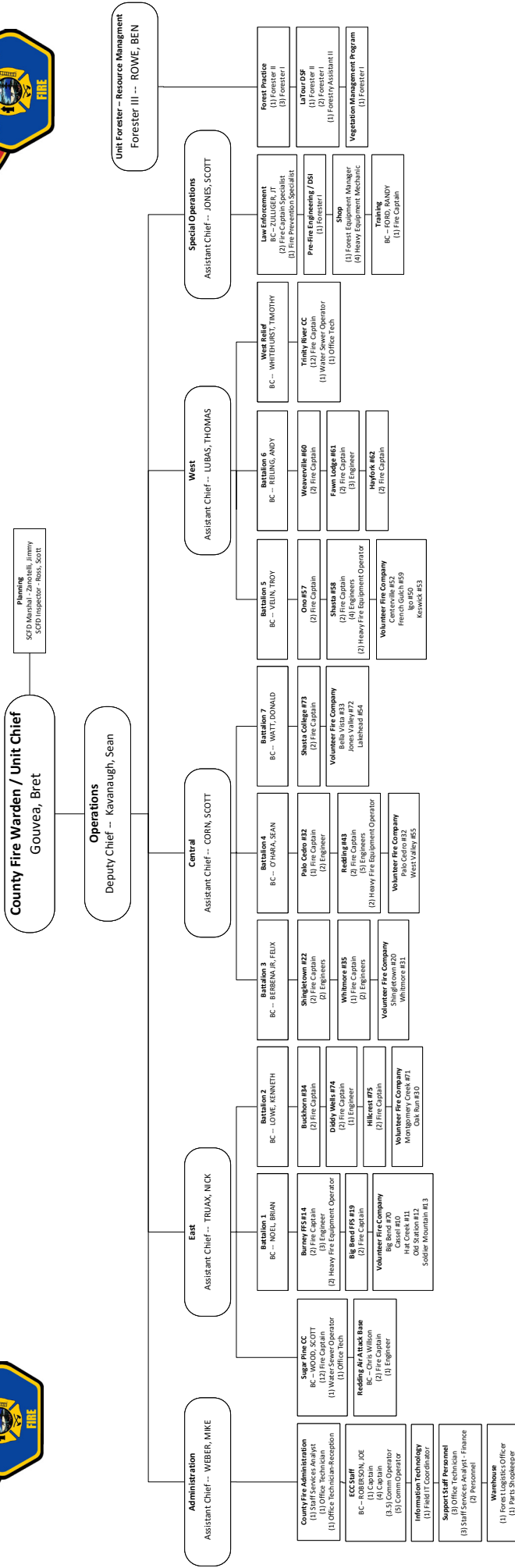
*Mary
Rickert*
District 3
Bella Vista
Big Bend
Burney
Cassel
Fall River Mills
Hat Creek
McArthur
Montgomery
Creek
Oak Run
Old Station
Palo Cedro
Pittville
Round Mountain
Whitmore

*Steve
Morgan*
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

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

30 or More Years of Service

John Garner – *Hat Creek*
Don Chaix – *Cassel*
Richard Hathaway III – *Hat Creek*
Don Cook – *Whitmore*
Victoria Green – *Big Bend*
Bill Ellis – *Whitmore*

25 or More Years of Service

Don Fennell – *Montgomery Creek*
Kenneth Laughlin – *Hat Creek*
Tom Coe – *Soldier Mtn.*
David Green – *Big Bend*
Linette Chaix – *Cassel*
Cliff Shattuck – *French Gulch*
Ron Smith – *Bella Vista*
Linda Barneby – *Oak Run*

20 or More Years of Service

Dan Hebert – *Cassel*
Mel Nordstrom Jr – *West Valley*
Theresa Carroll – *Montgomery Creek*
Bernie Zornes – *Cassel*
Arthur Peaslee – *Shingletown*
John Allen – *Oak Run*
Greg Mayer – *Soldier Mountain*

15 or More Years of Service

Michael Loew – *Shingletown*
Norville Hanke – *Centerville*
Stephen Trotter – *Montgomery Creek*
Richard Danielson – *Montgomery Creek*
Amanda Peri – *Bella Vista*
John Catrucco – *Centerville*
John Robbins – *Solider Mtn.*
Stephen Cureton – *Hat Creek*
Sy Giles – *Big Bend*
Jack Rolls – *Bella Vista*
Douglas Atkins – *Igo-Ono*
Dennis Blount – *Shingletown*

10 or More Years of Service

John Cladopoulos – *Montgomery Creek*
David Painter – *French Gulch*
Daniel Pruitt – *West Valley*
Sara West – *Whitmore*
Wendy Cross Finely – *French Gulch*
Justin Tavalero – *Shingletown*
James Miguel – *Cassel*
Shawn Plummer – *West Valley*
Brian Abbott – *Whitmore*
Fred Wyckoff – *West Valley*
Patricia Wyckoff – *West Valley*
Robert Baker – *Bella Vista*
John Becker – *Old Station*
Jean Rogers – *Solider Mtn.*

2018 Shasta County Volunteer Fire Department Calls

	Veg Fires	Structure Fires	Other Fires	Medical	Hazmat / FMS	Public Assists / Other	Total
Company 10	15	9	22	72	2	4	124
Company 11	7	1	8	81	2	6	105
Company 12	0	1	11	58	2	3	75
Company 13	4	4	26	46	9	10	99
Company 20	14	7	52	398	12	38	523
Company 30	7	5	7	49	1	2	71
Company 31	4	1	2	46	1	2	56
Company 32	28	11	63	321	6	41	470
Company 33	54	13	65	413	6	40	559
Company 50	15	3	25	113	2	3	161
Company 52	7	2	29	105	6	15	164
Company 53	8	2	15	62	5	12	104
Company 54	2	3	22	208	1	22	258
Company 55	16	8	11	157	2	15	209
Company 59	1	1	10	66	0	4	82
Company 70	1	2	2	26	1	0	32
Company 71	15	4	26	203	2	16	266
Company 72	9	0	16	146	3	6	180
Total	207	77	416	2570	63	239	3572

2018 Shasta County Incidents and Responses

Shasta County Fire Department/CAL FIRE Incidents and Response

Station 14: Burney	442
Station 19: Big Bend	76
Station 22: Shingletown	561
Station 32: Palo Cedro	741
Station 34: Buckhorn	96
Station 35: Whitmore	93
Station 43: Redding	1,909
Station 57: Ono	131
Station 58: Shasta	677
Station 73: Shasta College	1,128
Station 74: Diddy Wells	187
Station 75: Hillcrest	88

Independent Fire Protection Districts Dispatched by SCFD/CAL FIRE

Station 15: Fall River Mills Fire Protection District	120
Station 16: McArthur Fire Protection District	105
Station 17: Burney Fire Protection District	766
Station 21: Millville Fire Protection District	195
Station 23: Cottonwood Fire Protection District	1,276
Station 41: Mountain Gate Community Services District	612
Station 42: Shasta Lake Fire Protection District	1,582
Station 44: Happy Valley Fire Protection District	437
Station 46: Anderson Fire Protection District	2,950
<u>Station 56: Shasta Community Services District (Old Shasta)</u>	<u>186</u>

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.

2018 SCFD Chief Officer and Prevention Calls

	Veg Fires	Structure Fires	Other Fires	Medical	Hazmat / FMS	Law Enforcement	Public Assists Other	Total
B2407	20	2	30	20	0	2	1	75
B2408	13	9	14	54	1	1	5	97
B2409	10	4	17	29	0	1	7	68
B2411	19	7	33	54	2	3	5	123
B2412	20	9	20	49	1	1	3	103
B2413	45	14	59	78	3	0	14	213
B2414	53	26	99	127	4	43	8	360
B2415	31	9	32	70	0	0	5	147
B2416	22	8	46	55	1	0	3	134
B2417	37	12	30	75	0	1	3	158
B2418	30	14	31	61	2	15	2	155
B2419	36	10	74	91	4	9	8	232
B2420	67	21	67	10	1	110	7	283
P2421	77	19	78	10	1	291	5	481
P2422	22	7	16	4	0	3	2	54
P2423	58	12	68	13	1	147	8	307
Total	560	183	714	800	21	627	86	2991

OVER 3,500 Volunteer SCFD calls for service

CARR Incident
Requests
Aircraft: 400+
Equipment:
1400+
Crews: 200+
Overhead:
1400+

172
Current SCFD
Volunteers

Company 71 hard covered
CAL Fire Station 75 with
Engine 571 for **4 weeks**
behind the CARR fire.

The Redding ECC received over
82,000 phone calls in 2018

900,000
The ten-year
average gallons
of retardant
delivered per
year at RAAB.

8229

the number of times
Independent Fire
Protection Districts
were dispatched by
SCFD/CAL FIRE ECC



970,000
Gallons
delivered in
July alone

166,672
The single
highest one-day
total gallons of
retardant in
2018 for RAAB

2,620,757
Total gallons of
retardant
aircraft at RAAB
delivered in
2018.

During the
Creek,
Carr, and
Hat Fires
call takers
answered
10,360
calls.

Company 33
assisted with **17**
strike team
assignments

CARR Fire burned
229,651 acres

SCFD and CAL FIRE SHU participated in
over **20,000** hours of training in 2018

Redding Emergency Command Center

Command and Control is a crucial part of any fire department. This function is provided to Shasta County by the Redding Interagency Command Center (RICC) located at our headquarters facility in Redding. RICC, locally known as the Emergency Command Center (ECC), is the command and control point for all types of emergency incidents occurring within Shasta County's administrative boundaries. These incident types include but are not limited to, medical emergencies, traffic collisions, structure fires, wildland fires, and hazardous materials incidents. The Redding ECC is a secondary Public Safety Answering Point (PSAP), fielding 9-1-1 and emergency calls transferred from other agencies.

In 2018, the ECC handled 13,772 incidents within Shasta and Trinity Counties. Included in that total was the devastating Carr incident that originated on Whiskeytown National Recreation Area. The Redding ECC dispatched for Whiskeytown and processed 4,706 requests for the Carr incident. These requests included over 400 aircraft requests, 1432 equipment requests, 233 crew requests, and 1417 overhead requests. Our ECC opened its expanded dispatch operation for 45 days to support the Carr, Delta, and Hirz incidents. The expanded operation was staffed with a CALL FIRE Emergency Command Center Support Team (ECCST) with assistance from our local dispatchers. As those incidents deescalated, the Camp fire ignited. The Redding ECC processed 110 requests and dispatched local resources to assist the CAL FIRE Butte Unit with their incident. The ECC handled over 82,000 telephone calls for the 2018 season on both the business and 911 incoming lines. Our ECC staff communicates daily with the CAL FIRE Region Operations Coordination Center providing staffing information, personnel availability, ground/air resource availability, and local incident recourse needs.

The Redding ECC is staffed with 12 permanent employees. Overseeing the operation is the Battalion Chief. The center is staffed with 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 Protection Fire Districts throughout Shasta and Trinity Counties. The ECC is staffed 24/7 to dispatch appropriate resources to emergencies countywide.

In 2018, the ECC continued to improve communication's infrastructure within Shasta County. Two new backup power generators were installed, one at the Southfork Mountain Lookout repeater site and one at the Bunchgrass repeater site near Hatchet Mountain. Both sites are critical to the Shasta County emergency communications network.



2019 will likely bring unexpected challenges. The CAL FIRE/Shasta County Fire Redding Emergency Command Center will meet those challenges with competent, professional service, provided by employees who are proud to serve Shasta County and work in one of the best CAL FIRE Emergency Command Centers in the state.

Training

The Shasta County Fire Department / CAL FIRE Shasta-Trinity Unit Training Bureau delivers and coordinates various formal and informal training courses to volunteer and career firefighters throughout the year. Our goal is to assure quality service to the public by developing the skills and abilities of all Shasta County Fire Department's and CAL FIRE Shasta-Trinity Unit's career and volunteer 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 and delivers the initial and ongoing training requirements of over 500 personnel between SCFD members and CAL FIRE Unit personnel. 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. These training topics include: Structure Fire Operations, Emergency Medical Response, CPR, Ropes & Knots, Hazardous Materials, Vehicle Extrication, Pump Operations, Map Reading & GPS, Fire Investigation, Vegetation Fire Safety/Operations, Rescue, Incident Command Training and numerous others. We operate within and enforce the policies and procedures of CAL FIRE, Shasta County Fire Department, and the Fire Chief's Association of Shasta County as they relate to training requirements. On average, the Training Bureau supplies over 4000 instructor hours and the members of Shasta County Fire Department and the CAL FIRE Shasta-Trinity Unit participate in over 20,000 hours of training each year.

We are staffed with one Battalion Chief who oversees all aspects of the Training Bureau and whose primary mission is the coordination and delivery of training requirements for the CAL FIRE Unit personnel, one Fire Captain who serves as the Shasta County Fire Department Training Officer, and one Office Technician to support both programs. In the winter months, by agreement with Shasta County Fire Department, our staff is augmented with 4 additional field personnel, outfitted with vehicles and specialized equipment. These four Training Officer's primary mission is to deliver quality training courses and topics to the 18 Volunteer Fire Companies that make up the Shasta County Fire Department. These trainings are predominantly delivered on weekends or in the evenings to accommodate the needs of SCFD volunteers and are coordinated at various times throughout the fall, winter and spring months to meet the needs of career personnel. In addition to training coordination and delivery the Training Bureau augments the response capabilities of Shasta County. In 2018 the Training Bureau responded to 323 emergency calls for service.

The Training Bureau continues to evaluate our processes and improve the training program for both SCFD and the local Unit. In 2018 the Training Bureau, in partnership with numerous other functions and cooperators, made great strides toward finalizing the three objectives outlined in the SCFD Master Plan of 2014 related to Training: Full time Office Technician dedicated to the Training Bureau, establish a formal agreement with Shasta College for the Cooperative Regional Training Facility and improved the same facility equipment and infrastructure. Additionally, in 2018 we finalized updates to the SCFD programs for Fire Equipment Driver/Operator, Initial Recruit Training and the Position Qualification System to provide better service to the public.

The Training Bureau continues its successful relationship with Shasta College through the Shasta Tehama Trinity Public Safety Training Consortium (SHIELD). Through this relationship, we deliver and participate in formal training courses throughout Shasta, Tehama and Trinity Counties.

The Training Bureau is proud of our accomplishments and looks forward to the upcoming years of continued improvement.



Fire Prevention & Law Enforcement

There are three full-time law enforcement officers assigned to the Prevention Bureau conducting fire investigations and enforcing forest and fire laws. While these officers have other primary duties, each are responsible for responding to incidents requiring a law enforcement officer/investigator response. In addition to the three fire investigator peace officers, there are six other peace officers in the Unit.

In 2018, the Fire Prevention Bureau responded to, or was involved in 951 incidents. One hundred five citations were issued and 78 in-custody arrests were made.

Major Incidents responded to were:

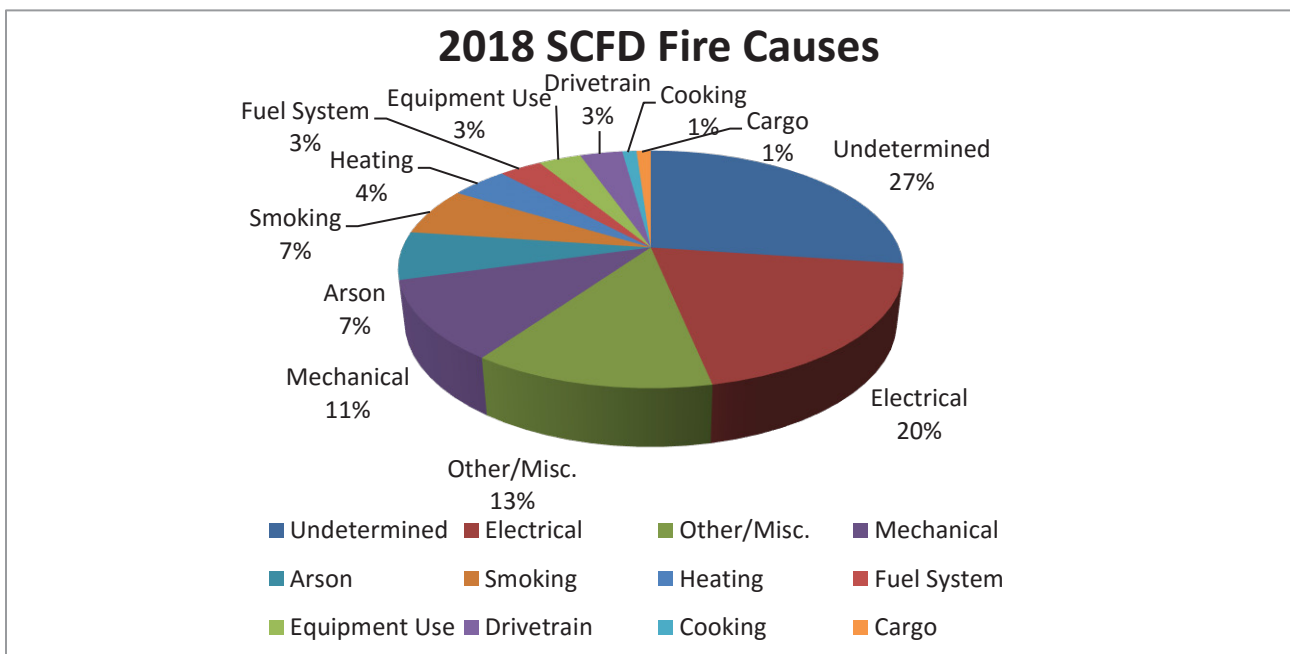
- Vista Structure Fire: Bella Vista (Homicide-Suicide/Arson) - (January)
- Carr Fire: Old Shasta - (Whiskeytown National Recreation Area Assist) – (July)
- Cottonwood Arson Series: Cottonwood and Anderson - (Shasta Arson Task Force Activation) – (July through mid-October)

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 the 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 determine problem area and causes.





Fire Captain Specialist/Peace Officer–P2423 Matt Alexander

Matt Alexander is the Shasta County-funded Fire Captain Specialist. Captain Alexander is responsible for structure fire investigation in addition to other fire investigation and law enforcement duties. Captain Alexander leads defensive tactics and firearms trainings for SHU's law enforcement trainings.

Pre-Fire Engineering–P2422 Nick Wallingford

The Pre-Fire Engineering position is a state-funded position occupied by Captain Nick Wallingford. Captain Wallingford is responsible for collecting and analyzing fire ignition data for all fires within CAL FIRE/SCFD's jurisdiction. This data is prepared for inclusion in the Shasta-Trinity Unit's Fire Plan, which is a public document. This plan is a framework that the Shasta-Trinity Unit uses to identify fire severity problem areas where targeted fuel reduction projects can be initiated. The projects are typically carried out by resource conservation districts or fire safety councils through grant funding at the federal or state level. The pre-fire engineer supports resource conservation districts; fire safe councils; incident management teams, and emergency incidents, by providing consultation and mapping services.

Office Technician – Jean Grey

The state-funded position provides clerical support for 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.

Fire Marshal & Protection Planning

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 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 performed public information officer field work in 2018.



Legislative Impacts

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

The Fire Safety Standards can be found at the Shasta County Fire Department website:

www.shastacountyfire.org

Fire Inspector’s Activity	2017	2018	Fire Marshal’s Activity	2017	2018
Inspections	205	212	Parcel Maps	8	5
Violations	60	85	Property Line Adjustments	21	20
Re-Inspections	80	32	Use Permits	12	12
Exception Requests	49	53	Zoning Amendments	2	3
Fire Sprinkler Acceptance Test	35	191	Other/Misc.	14	9
Commercial Hood Acceptance Test	0	2	Plan Reviews	509	653
Administrative Permits	50	43			
School Inspections	21	21			
Hotel/Motel Inspections	14	14			

Public Affairs and Public Education

Fire Prevention Specialist -P2424 Cheryl Buliavac

The Fire Prevention Specialist position coordinates the “Volunteers in Prevention” program, school presentations, and community events. FPS Buliavac also serves as the public information officer, providing information to the public and media during emergency incidents. She is responsible for news releases; the call center during major incidents, and assisting with other public relations activities.

It is the intention of the Shasta County Fire Department to provide precise, up-to-the-minute, relevant information regarding incidents and fire department activities to the citizens of Shasta County. Informing our citizens of newsworthy information is one of our top priorities. A variety of mediums are used to accomplish this, including phone, email, fax, and internet.

When an incident appears to be developing into a high public interest event, an information “call center” is activated. CAL FIRE Shasta-Trinity Unit/Shasta County Fire Department’s information call center is staffed by trained personnel. It is critical that the community has this valuable resource to obtain current information, road closures, evacuations, and available resources to those affected. Many of our initial call takers for the information center are department office support staff at headquarters.

The call center was activated several times in 2018. One of those instances was during the Carr Fire which featured staffing support from Shasta County Probation Department as well as CAL FIRE/Shasta County Fire personnel. During the Creek, Carr, and Hat Fires call takers answered 10,360 calls.

CAL FIRE NEWS RELEASE

California Department of Forestry and Fire Protection



CONTACT: Incident Information Line: (530) 225-2510 **RELEASE DATE:** July 29, 2018 6:00 P.M.

ADDITIONAL EVACUATION ORDERS ISSUED DUE TO CARR FIRE

WHAT: MANDATORY EVACUATIONS

WHEN: EFFECTIVE IMMEDIATELY

WHERE: Trinity/Shasta County Line at Buckhorn Summit Road west to Trinity Dam Road. All roads within this area north of Hwy 299.

NOTES: Evacuation Centers have been setup at the following locations:

Simpson College 2211 College View Drive Redding, CA 96003	Cross Point Community Church 2960 Hartnell Ave Redding, CA 96003	Foothill High School 9773 Deschutes Road Palo Cedro, CA 96003
Trinity High School 321 Victory Lane Weaverville, CA 96093	Shasta College 11555 Old Oregon Trail Redding, CA 96003	

To sign up for evacuation notifications visit <http://www.shascom911.com>

###

The Volunteers in Prevention, under the direct supervision of the Fire Prevention Specialist, conduct fire prevention and life safety activities throughout Shasta and Trinity counties. These activities include, but are

not limited to, school assembly programs; civic group presentations; defensible space inspections, and the Shasta County Fire Prevention Officer's Fire Prevention Week. Smokey Bear and Sparky the Fire Dog work closely with the VIPs to disseminate fire prevention materials to the public at various fairs, exhibits, parades, and specialized events. In 2018, approximately 1,410 hours of public education were provided via school programs, parades, exhibits, displays, and presentations.

Defensible space inspections also provide public education for fire safety. The goal of the inspections is to reduce the intensity of wildland fires near structures, which reduces property damage and life threats to the public and our firefighters. Jointly, CAL FIRE and Shasta County Fire Department conducted 8,747 inspections of private residences for compliance with California Public Resources Code Section 4291. 17

Since its inception in 2014, the Youth Firesetter Prevention & Intervention (YFPI) program has been supported by CAL FIRE/Shasta County Fire personnel. The YFPI program, administered by the Youth Violence Prevention Council, provides services to youth firesetters in Shasta County, and, more recently, neighboring counties.



YFPI utilizes an evidence-based survey tool to assess each youth for potential future firesetting behavior; youth may be referred for additional services as needed. All youth who are identified as firesetters attend the annual Youth Fire Safety Academy where CAL FIRE/Shasta County Fire personnel actively participate in teaching and presenting educational interventions. The Fire Safety Academy requires that all siblings and parents also attend the two-day event.

The Fall 2018 YFPI Fire Safety Academy was held at Anderson New Technology High School in Anderson and included 25 staff members, 39 youth firesetters 37 siblings, and 50 parents. Four of those 39 youth firesetters started fires in Shasta County Fire Department's jurisdiction in 2018.



Fleet Services

Jason Rodgers is the Forestry Equipment Manager (FEM) of both the CAL FIRE and Shasta County fleets. The County fleet is comprised of 102 vehicles that include fire engines, water tenders, rescues, and boats. FEM Rodgers 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 and Delbert Bellus. These mechanics service and maintain the SCFD equipment either in the field, SCFD Volunteer Fire Stations, and the shop, located at Shasta-Trinity Headquarters.

The fleet maintenance budget is roughly \$120,000, 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 2019 and 2020, the Department plans to purchase the following equipment: one Type 2 fire engine, one water tender, and one utility vehicle.

The engine and water tender will be replaced using Measure "B" and reimbursement funds. The utility will be purchased using reimbursement and budgeted funds.



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, and cooperating agencies alike.

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

Julia Hayen, Staff Services Analyst, SCFD

Julia Hayen's 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) and 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.

Kimberly Bundy, Office Technician, SCFD

Kimberly Bundy is the face that greets the public and answers every type of question at the front reception desk or refers the public to the proper individual for answers. She performs a large volume of data entry and document management, including SCFD run reports. As the receptionist, she also acts as a first point of contact for information during any large fires occurring in Shasta County.

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 also 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.

Josh Williams, Personnel Specialist, CAL FIRE

Josh Williams is responsible for processing documents relating to hiring, pay, and other benefits of CAL FIRE, Shasta-Trinity Unit's personnel. The total number of employees during the summer months supported by his efforts can total up to 307 personnel. This includes the CAL FIRE employees that are assigned to the Palo Cedro and Redding Station's Schedule A program. Along with these duties, Josh works cooperatively with the Region and Sacramento CAL FIRE offices.

Alyssa Hagerman, Personnel Specialist, CAL FIRE

Alyssa is responsible for processing documents relating to hiring, pay and other benefits of Cal Fire, Shasta-Trinity Units personnel. Alyssa is the units Return to Work Coordinator and works with Region staff and State Worker's Compensation for employees injured while on duty. Alyssa is also responsible for the onboarding and layoff of all 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.

Tabitha Mallery, Staff Service Analyst, CAL FIRE

Tabitha is working in a newly created state funded position for the procurement methods with the new Fi\$cal system. Tabitha is responsible for Shasta-Trinity Units Headquarters and automotive shop, and all purchasing for those areas as well as monthly processing of CalCards statements.

Barbara Reynolds, Staff Service Analyst, CAL FIRE

Barbara is working in the second newly created state funded position to assist with the states implementation of Fi\$cal. Barbara's assignment is to process all pay documents for both State and County funded fire stations as well as monthly processing of CalCard statements.

Service Center

Colleen Sykes, Forestry Logistics Officer, CAL FIRE

Colleen Sykes' position is one of the key supporting functions of many operational needs in the Shasta-Trinity Unit and SCFD. She is responsible for understanding many policies, procedures, and regulations as they relate to purchasing through various contracts and vendors. She is the property manager for all state and federal excess equipment and is responsible for its tracking. Colleen is the keeper of all personal protective equipment (PPE) for CAL FIRE, which includes, purchase, distribution and tracking for approximately 240 Shasta-Trinity Unit employees.

Along with the purchasing and distribution of CAL FIRE PPE, she also makes all purchases to support fire emergencies. She supervises and works with the SCFD parts storekeeper to ensure that all volunteer firefighters and CAL FIRE employees have the required equipment and supplies. Sykes also coordinates the overall maintenance of the headquarters facility. Lastly, she supports the cleaning and office supply needs of all the chief officers and stations in the Unit.



Allen Carroll, Parts Storekeeper, SCFD

Allen Carroll has the daunting task of making sure that all 200-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 that are 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 Brian Noel, 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 2018 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 442 calls for service in 2018.

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. 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 2018, 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 2018, Company 10 was dispatched to 124 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 2018, the volunteer firefighters from Company 11 dedicated many hours to training, emergency response, and fundraising. The annual BBQ at the Hereford Ranch is one of the largest gatherings in Eastern Shasta County of its kind and draws people from all over. 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 2018, Company 11 was dispatched to 105 calls for service.

Shasta County Volunteer Fire Company 12 – Old Station

Company 12 is served by two volunteer firefighters led by 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 2018, the volunteer firefighters 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 2018, Company 12 was dispatched to 75 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 2018, the volunteer firefighters from Company 13 dedicated many hours to training, emergency response, and fundraising. They host a St. Patricks Day Dinner and also a summer BBQ that many attend. The Company is supported locally by the Soldier Mountain Volunteer Fire Company, Inc. In 2018, Company 13 was dispatched to 99 calls for service.

Shasta County Volunteer Fire Company 70 – Big Bend

Company 70 is served by eight volunteer firefighters led by Acting Volunteer Chief, David Green. 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 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 2018, 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 2018, Company 70 was dispatched to 32 calls for service.



Battalion 2

The Battalion is under the direct supervision of Battalion Chief Ken Lowe. Battalion 2 consists of two SCFD Volunteer fire companies and three CAL FIRE Stations:

- 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 has 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 majority of the Battalion is within the 1,000' to 6,000' elevation range which has been severely impacted by the previous drought conditions. The fire stations in Battalion 2 provide services to the following communities in Shasta County:

- | | |
|--------------------|--------------|
| • Jones Valley | • Moose Camp |
| • Bella Vista | • Big Bend |
| • Palo Cedro | • Hillcrest |
| • Ingot | • Oak Run |
| • Round Mountain | • Whitmore |
| • Montgomery Creek | |

Each of these communities poses a variety of challenges to fire personnel including: industrial and commercial structures; large distribution facilities, and a variety of dynamic fuel and topography types. The Battalion is also affected by severe weather conditions, such as snow and ice, during the winter months.

Shasta County Volunteer Fire Company 30 – Oak Run

Stationed in Oak Run, SCFD Company 30 is led by Volunteer Chief Linda Barneby. Company 30 was dispatched to 70 calls in 2018 and is served by four volunteer firefighters. Company members have spent 650 hours training on medical emergencies, structure and vehicle fires, vegetation fires, hazardous materials, power line incidents, traffic collisions, structure protection, fire prevention, and equipment operations (such as pumping and vehicle extrication).

Company 30 protects the communities between Highway 299 East to Highway 44 East, including Oak Run, Mill Creek Estates, and Whitmore. Area population is approximately 800 persons within 100 square miles. With limited water supplies, fire operations rely on large ranch access, running creeks, and water tenders from other response areas. Land protection consists of Roseburg, Sierra Pacific Industries, and Beaty timberlands, and several large private ranches. Oak Run has an elementary school; small grocery store with fuel storage; and a United States Post Office. A PG&E substation is located in Oak Run and a PG&E hydropower plant is situated at Cow



Creek below Kilarc Reservoir. Company 30 is also responsible for fire protection around the 500 KV transmission lines that run from the north end of the response area through to the south end.

Oak Run Volunteer Fire Company has 5 active members. The members of the Oak Run Volunteer Fire Company, Inc. have spent most of the year promoting the recruitment of volunteers. A mapping committee was formed and continuously updates maps for Oak Run Community which is submitted annually to the Shasta County Fire Department for further review and distribution. Company 30 also protects the Philips Brothers Saw Mill, located on Bull Skin Ridge Road, which is a nationally-registered historical site in Oak Run and is the last fully steam-powered lumber mill in America. The mill is on 920 acres of surrounding timber and is utilized to mill and plane lumber, and build boxes.

Company 30 works side-by-side during fire season with CAL FIRE Buckhorn Station 34 and utilizes additional volunteer support from SCFD Montgomery Creek Station 71 and SCFD Whitmore Station 31. SCFD Schedule A, Palo Cedro Station 32 assist Company 30 with fire protection during the winter seasons.

Shasta County Volunteer Fire Company 71 – Montgomery Creek

Shasta County Fire Department (SCFD) Montgomery Creek has two fire stations - Station 1 is located on Hwy 299 in Round Mountain - it has a rescue and a Type II structure engine. Station 2 is located on Hillcrest Drive in Montgomery Creek and has a Type III wildland fire engine and water tender.

Company 71 members include Volunteer Fire Chief, Theresa Carroll, with a total of eight volunteers. Company 71 actively protects the communities of Round Mountain, Montgomery Creek, Hillcrest, Moose Camp, Big Bend, Oak Run, and Ingot, with a yearly population of roughly 1,420, and covers approximately 300 square miles. In its response area and surrounding Highway 299 East, Company 71 protects two United State Post Offices, two elementary school sites; a PG&E substation including 500KV transmission lines; Hatchet Mountain Wind Farm; a heavy-equipment repair shop, a café, two hydroelectric dams, a medical clinic; and Roseburg and Sierra Pacific Industry timberlands. In 2018, Company 71 was dispatched to 274 emergency incidents. Approximately 5,148 hours were spent training on structure fires, vegetation fires, medical emergencies, vehicle fires, hazardous materials, power line incidents, vehicle accidents, structure protection, fire prevention, and equipment operations (such as pumping and vehicle extrication). Company 71 hard covered CAL Fire Station 75 with Engine 571 for 4 weeks behind the Carr fire. The Company responded to and had extensive commitment times on the Crestline, Wind, Corner and the Hat fires. All Company members have their “Red Card” status for statewide out-of-county assignments.



Battalion 3

The Battalion is under the direct supervision of Battalion Chief Felix Berbeña. 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 585 incidents in 2018. There are 8 volunteer firefighters who are fully-trained responders, along with two 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 45 incidents in 2016. There are eight trained responding volunteer firefighters. 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 located 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 during the months that the CAL FIRE station at Whitmore is unstaffed. 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. Shingletown Amador Station responds to approximately 30 incidents in Manton during the winter.

This engine responded to a total of 367 incidents during the 5-month Amador period in 2016. For the entire year, Station 22 responded to 561 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.



Battalion 4

Battalion 4 is under the direct supervision of Battalion Chief Scott Corn. 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 Redding Fire Station 43/ SCFD Engine 47

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

Battalion 4 is comprised of an integrated, multi-agency workforce of State, and Local firefighting resources that provide fire protection to the more than 33,000 of the 70,000 residents whom SCFD serves through various types of Automatic Aid, Mutual Aid, and other cooperative fire agreements. It's through these various types of agreements that 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 2019 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. 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. 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 the 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. There are many retail centers located throughout the Battalion including restaurants, lodging, food supplies, recreation activities and equipment, traveler services (including gasoline fueling facilities), and entertainment related facilities.

Other infrastructure within the west side of the Battalion includes Pacific Gas and Electric Company's gas pipelines which deliver 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. The Sierra Pacific Industry in Anderson is currently permitted to construct and operate a new stoker boiler capable of generating 31 megawatts of gross electrical output, up from its current 4 megawatts of power, from the combustion of clean cellulosic biomass, and related auxiliary equipment. A complex network of large high voltage transmission lines traverses the Battalion, delivering the main supply of power to cities such a Eureka and Fortuna. The Sacramento River meanders throughout the central portion of Battalion 4 bringing with it an increased demand for seasonal rafters, boating, and fishing enthusiasts. 2018 saw the Stillwater overcrossing constructed along Hwy 44, which will decrease the amount of significant traffic collisions at that intersection. Bridge replacement on Old 44 Drive was also completed and increased the roadway to current width

standards. CAL TRANS has begun the initial phases of a large-scale construction project on the I-5 corridor from Anderson to the Redding City limits. This project will make the I-5 corridor three lanes wide both north and south bound, all of which reside within Battalion 4. The need for this has been demonstrated by the increased heavy traffic seen between the City of Anderson and Redding.

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 both immediately reduce response times and increase response safety by installing traffic control devices on newly purchased SCFD front line fire apparatus, and working closely with the Shasta County Department of Resource Management, Building Division, in establishing a county wide municipal ordinance requiring businesses to install a rapid entry system for responding firefighters. The most sizeable portion of Battalion 4 is located along the Hwy 273 corridor and the south county area. Implementing a south county station would bring increased fire protection, increased cost effectiveness, and decreased response times to the highest dollar value assets inside the county.

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 CAL FIRE Type III fire engines, two career staffed SCFD Type II fire engines, and two SCFD volunteer fire companies.



CAL FIRE Station 43—Redding

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 Schedule A contract with CAL FIRE staff with a minimum of 2-0 personnel, and two Type III Schedule B wildland fire engines staffed with a minimum of 3-0 personnel during the peak fire season months of June 1st through October 31st. Station 43 Schedule A 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. Anderson reciprocates their responses to certain County Incidents as well. 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 to a home where a child has become the victim of a drowning incident 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 2-0 under Amador contract with the SCFD. This winter Water Tender 47 was staffed with paid personnel when available and on duty. This aided the county wide response of having a rural water source respond immediately to a fire in lieu of awaiting the arrival volunteer personnel. In 2018, Station 43 responded to 1,909 Incidents.

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

Schedule A, Engine 32 is staffed with a minimum of 2-0 career personnel is co-located with Volunteer Fire Company 32 which is led by Volunteer Chief Kelsey Grace. The career staff operates and maintains the County's Self Contained Breathing Apparatus Program. The personnel are trained in every aspect of repair, service, maintenance, and Cal-OSHA requirements under Title 8 and NFPA. The SCBA program is highly involved and is the primary function of the Schedule A staff at Station 32. In 2018, the career personnel implemented a large-scale transition of current SCBA platforms to the new SCOTT model. This was done to streamline the SCFD to the State SCBA program, thus making the standards the same. This enables CAL FIRE staff to maintain the SCFD SCBA program to the current NFPA standards and brings all SCBAs to uniform standards county wide. The project on the SCFD side is complete with the State resources expected to be completed before spring. The CAL FIRE staff have implemented thousands of man hours into this concluding project. The community of Palo Cedro has a population of approximately 1,269 people based on the 2010 census. Palo Cedro is largely 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 2018 of both residential and large commercial buildings. The Company operates 1 structure fire engine, 1 wildland fire engine, a fire rescue and water tender. In 2018, fire Company 32 was dispatched to 470 incidents.

Shasta County Volunteer Fire Company 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 community of Cottonwood 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, a fire rescue and water tender. In 2018, Volunteer Fire Company 55 was dispatched to 209 incidents.

Battalion 5

The Battalion is under the direct supervision of Battalion Chief Troy Velin. Battalion 5 consists of four 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 53 – Keswick
- 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 6,919 feet. The Whiskeytown National Recreation Area and the Shasta Fire Protection District are also located within the Battalion. The Battalion is comprised of oak woodland, chaparral, and timberland with residential subdivisions located within the wildland. All of the communities within the Battalion 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 include 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 Highway 299 and 36 transverse 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. The Sacramento River and Clear Creek present water rescue hazards due to the heavy summertime recreation use enjoyed by the area residents.

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.

On July 23, 2018, The Carr fire started along Highway 299 near Carr Power House rd. The fire grew rapidly and by the end of the day was threatening the community of French Gulch. Over the next few days high temperatures and moderate to high winds pushed the fire East towards the communities of Shasta, Keswick, Lower Springs and West Redding. This was a devastating fire with several fatalities and nearly 1100 homes lost.

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 Douglas Atkins. The community contains over 600 residents and it 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 2 municipal fire engines, 1 wildland fire engine, 1 water tender, and 1 rescue vehicle. In 2018, there were 161 incidents within the community 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 are examples of the target hazards in station 52's response area.

The fire company operates 1 municipal fire engine, 1 wildland fire engine, and 1 rescue vehicle. In 2018, there were 164 incidents within the community of Centerville.

Shasta County Volunteer Fire Company 53 - Keswick

The Keswick Volunteer Fire Company currently has a roster of 6 volunteer firefighters and is led by Volunteer Chief Joe Pollard. The community is comprised of rural residences, residential subdivisions, light commercial, and electrical power infrastructure. The Keller lumber company and the Iron Mountain Mine are located in Keswick. Shasta Dam/Powerhouse, Keswick Dam/Powerhouse, and the Spring Creek Powerhouse are all located in Company 53's response area. The Carr fire destroyed the Keswick Volunteer Station along with the fire apparatus that were assigned there. The volunteers assigned to Company 53 are conducting business and training meetings at Centerville Station 52. In 2018, there were 104 incidents within the community of Keswick.





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. 1 Cal Fire wildland fire engine operates out of the facility. In 2018, station 57 responded to 130 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. A SCFD breathing support trailer unit is housed out of the facility and is covered as incidents dictate. During fire season, CAL FIRE staffs 2 wildland fire engines and 1 bull dozer at the station. In 2018, station 58 responded to 677 incidents.

Shasta County Volunteer Fire Company 59 - French Gulch

The French Gulch Volunteer Fire Company currently has a roster of 4 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 that was built in the gold mining era. The Carr Creek Powerhouse is in station 59's response area.

The fire company operates 1 municipal fire engine, 1 wildland fire engine, and 1 rescue vehicle. In 2018, there were 82 incidents within the community of French Gulch.

Battalion 7

Battalion 7 is under the direct supervision of Battalion Chief Don Watt, which 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 72 – Jones Valley
- 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 (DPA) 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, Shasta Lake City, and one fire district, Mountain Gate Fire Protection District.

The battalion experienced several major wildland fires this summer with impacts to the communities north of Shasta Lake. The Hirz fire, started August 9th and burned 46,150 acres, the Delta fire, started September 5th and burned 63,311 and 20 structures, and the north portion of the Carr fire burned portions of the battalion. The fires burned from the City of Redding all the way to the McCloud arm of Shasta Lake. The Hirz and the Delta fires were managed by the USFS with assistance from County resources.



Shasta County Volunteer Fire Company 33 – Bella Vista

Located in the middle of Bella Vista on Highway 299 East is Company 33. The company is staffed by 20 volunteers and has 5 new recruits, awaiting training to become responders; and is led by Volunteer Chief Ron Smith and Assistant Volunteer Chief Bob Baker. In 2018 Company 33 had the highest call volume in its history, being dispatched to 592 calls, with 352, approximately 59%, of the call being outside of their immediate 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, assist in medical emergencies, traffic accidents, public assist, hazardous materials. Company 33 not only worked on local large fires but assisted with strike teams for a total of 17 assignments. Strike team assignments included the Creek, Stoll, Flat, Mendocino, Carr, Camp, and Delta. The Company completed a total of 8,803 hours on wildland fires, with three volunteer firefighters surpassing 1,000 hours each during various assignments. Along with time spent on the fires the Company had 1908 hours of hard cover on the engines, and multiple assignments to cover City of Redding stations.

Company 33's protection area includes gas stations, restaurants, churches, post office, grocery store, water district office, elementary school and several other commercial buildings. Company 33 also responds closely with Shasta College, Jones Valley and Palo Cedro and Ingot Canyon.

Achievements for the year include getting a response to every call toned out, even with heavy strike team responses. All but two volunteer firefighters made 25 percent of the call and four volunteer firefighters responding to over 300 calls each. The average response per call was just above six volunteers per call. Shawn Ruby was voted firefighter of the year by company members.

Goals for the Company for the upcoming year is to train more drivers to operate engines and the water tender, and get all members "Red-Carded" to be able to respond to out of county assignments.

Shasta County Fire Department Station 54 – Lakehead

Company 54 is located in the center of the Lakehead community, and provides service to the county area above Shasta Lake. Company 54 currently has one volunteer to provide serve to the approximately 800 homes with nearly 900 permanent residents. Company 54 had 261 calls for service in 2018, 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 increase dramatically on I-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 condition for easy traveling. The recruitment process is active and ongoing in the area to try and increase the volunteer numbers. With only one 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 goal for Company 54 is to complete the training to have the one volunteer as a qualified driver to respond the engine and water tender to incidents.

Shasta County Fire Department Station 72 – Jones Valley

Company 72 is located on Ravine road in the community of Jones Valley. The area served by Company 72 has approximately 400 homes with an estimated 800 residents. The summer months increases the number of people in the area and the vehicle traffic through the area with visitors to Shasta Lake area and the two marinas, Silverthorn and Jones Valley. The Company has three volunteers and is actively recruiting for new members. Currently Company 72 does not have a volunteer chief and is being assisted by the volunteer chief from Company 33. In 2018 Company 72 was dispatched to 180 incidents and assisted with personnel on strike teams and staffing engines for the large fires in the County. Company 72 is currently conducting joint training with Company 33 to ensure there are enough volunteers to complete productive training. The goal is to actively recruit; in an effort to increase the numbers volunteers to a level the Company can be self-sustaining. Company 72 has only one qualified driver with the aim of increasing this number in the next year.



CAL FIRE Station 73 – Shasta College

Shasta College Station 73 provides protection to the northern portion of Shasta County including Bella Vista, Jones Valley, Lakehead and the Shasta College Campus. The station is located on the Shasta College campus and is staffed year-round under a cooperative agreement between CAL FIRE and Shasta College.

Station 73 responded to 1,128 incidents in 2018, with 38 calls on the Shasta College campus and 225 calls in Lakehead. The calls in Lakehead are in the northern most portion of their response area, generally taking 30 minutes to arrive at scene. Station 73's response area is approximately 300 square miles, with Interstate 5 and Highway 299 within its area. The Station provides protection to the college campus along with a large portion of the county, which includes gas stations, elementary schools, grocery stores, PG&E substation, and Shasta Lake. Station 73 is also responsible for staffing and training for the Shasta County Fire Department Boat Operations Program. The personnel at Station 73 are involved with the mandatory Basic Wildland Training certification, and working with the Shasta College Fire Academy program.

Shasta Cascade Hazardous Materials Response Team

The Shasta Cascade Hazardous Materials Response Team (SCHMRT) is classified as a Level II Hazardous Materials Team and is one of 61 Hazardous Material teams in California. The team consists of fire, law, and public health personnel from multiple jurisdictions. SCHMRT capabilities were enhanced with the purchase of a *HazMatID Elite Infrared Spectroscopy*; procured with funds through a 2016 Homeland Security Grant through Shasta County. In addition, Lassen County is staffing a California Office of Emergency Services Type II Haz Mat Unit in Susanville.

Shasta County Fire Department oversees the operation of the SCHMRT Team. Funding for the team originates from the membership fees, grants, and the occasional reimbursement from an incident. The Program Manager is CAL FIRE Battalion Chief Andy Reiling. The Operation Director position was filled with City of Redding Battalion Chief Jason Foley after the sudden passing of Redding Fire Chief Gerry Gray.

SCHMRT personnel responded to eight incidents in 2018:

1. 01/30/18--Shasta County--I-5 x Stanton—Diesel--Level 1
2. 02/14 /18--Shasta County—299 x Oak Run—Diesel-- Level 1
3. 05/10/18-- Lassen County—Johnstonville Rd—Diesel-- Level 1
4. 05/10/18--Modoc County—Diesel--Level 1
5. 07/06/18-- Modoc County—Diesel--Level 1
6. 07/07/18--Trinity County—299xSlattery—Diesel-- Level 1
7. 08/05/18 Shasta County I-5 x Turntable—Diesel-- Level 1
8. 08/21/18-Siskiyou County-Vista Rd-Chlorine—Level 2

The goals for 2019 are to revise the SCHMRT Administrative Manual and continuing to work with counties, cities, and members to ensure membership needs are being met with the resources allocated.



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 the busier holiday weekends and summer months. In 2018, SCFD Boat Program personnel responded to 24 incidents on Lake Shasta and personnel completed several hundred hours of training during the Mother's Day and Memorial Day staffing.

Mother's 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 both boats at Bridge Bay Marina again this year for both these holiday weekends. Special staffing was provided Friday through Monday on these weekends to increase the response times due to the increase in emergency calls over the past several years during these weekends. While operating on the lake during Memorial Day Weekend; personnel worked in conjunction with the "SAFE Boat" (On Site Medical Services EMT personnel from UC Davis Staffed at Slaughter House Island) providing patient care, triage, and transportation to the medics. The potential for critical life-threatening incidents greatly increases with the number of college students who all migrate to a single place. At any given time, approximately 100 houseboats can be seen lined up on the shoreline of Slaughter House Island. The level of service to the public using Shasta Lake is greatly increased with a reduction in response time. Boat personnel also provided engine coverage on SCFD Engine 73 at Bridge Bay Marina for incidents in the North County I-5 corridor.

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 the security of being kept with the Shasta County Sheriff's Boating Safety Boats. 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) is under the direct supervision of Battalion Chief Sean O'Hara. The RAAB is an interagency base shared by CAL FIRE and the United States Forest Service (USFS) and is located at the CAL FIRE Northern Operations Center on Airport Road. The RAAB was opened in the 1958 and in 1962 the RAAB was moved to its current foot print due to the increased amount of aviation traffic.

The current complement of CAL FIRE aircraft includes, Air Attack 240, which is an OV-10 Bronco, and Tankers 94 and 95 which are S-2T air tankers. These air tankers are capable of carrying 1,200 gallons of fire retardant. Staffing levels for CAL FIRE RAAB is made up of one Battalion Chief, two Fire Captains, one Fire Apparatus Engineer, and five-seasonal Firefighters. RAAB response area consists of 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 in the state responsibility area within 20 minutes. During the summer Air Attack 503, a King Air 200 is moved to RAAB and is used as a training platform for new Air Tactical Group Supervisor (ATGS) students. With the response area RAAB has, it provides the students with a wide variety of type and complexity of fires both on the state/ federal responsibility area. When the need arises our OV-10 can convert into an Aerial Supervision Module (ASM) platform. This platform fills the role of a lead plane and aerial supervision on major and extended attack incidents.



2018 was an above average summer for the Redding Air Attack Base. The aircraft based at RAAB delivered a total of 2,620,757 gallons of retardant in 2018. This is considerably more than the ten-year average of approximately 900,000 gallons per year. To put this in perspective this July RAAB delivered 970,000 gallons. The single highest one-day total this year the base delivered was 166,672 gallons of retardant.

Due to the limited number of air tankers, the USFS strategically locates air tankers based on fire potential. During the fire season, a federal air tanker will be in and out of Redding several times a month. The USFS provides contracted air tankers which include: BAE-146, RJ-85, MD-87, C-130Q, and recently approved MAFFS (Modular Airborne Firefighting Systems) C-130's provided by the military, Federal Government, and private vendors. These air tankers can carry 2,000-4,000 gallons of fire retardant. Both CAL FIRE and USFS provide air tankers on each other's fires to reduce the time waiting for agency specific aircraft, which in turn reduce the threat of the fire spreading.

Shasta County Fire Department EMS

Shasta County Fire Department has the responsibility for all medical aids outside of incorporated cities and districts in Shasta County. It is important to provide a high level of care to those who call 9-1-1 and request medical assistance. In 2018, the department responded to approximately 3,500 emergency medical calls. Approximately 800 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 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. In 2018, new skills and equipment were distributed to these responders to assist in their efforts to provide better patient care.

A skill recently introduced into the Emergency Medical Technician (EMT) scope of practice is the ability to test the blood sugar level of patients using glucometers. The department purchased glucometers for every Company and completed training in their use. Opioid overdoses have been on the rise throughout the Country and in Northern California. Naloxone is the drug which is used to counteract an Opioid overdose. The Department secured a grant to supply all the Companies with Naloxone which complimented the training which was received in 2017 and 2018. This is a great tool to have in the case of Opioid overdoses in the rural portion of the county. Active shooter incidents have also been on the rise throughout the Nation and have changed the ways EMS agencies respond and treat patients. One of the treatments is the increased use of tourniquets. Tourniquets used to be a last resort to stop major bleeding; now they are the recommended way to control major bleeding. Tourniquets were purchased for each rescue along with hemostatic dressing to be better prepared for severe trauma patients from everyday accidents to active shooter situations.



Every 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). This 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 Department's 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**