



AMERICAN CANYON FIRE PROTECTION DISTRICT



2018 ANNUAL REPORT

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MISSION STATEMENT

Our mission is to provide reliable and progressive emergency response while seeking opportunities to make a positive difference in the lives of the people and the community we serve.

Vision

Our 2020 vision is to be an exceptional organization delivering high quality services utilizing sustainable best practices. We will continuously improve and grow with the community as a positive, healthy and cohesive team.

Core Values

Mutual Respect

Empowerment

Integrity

Dedication

Responsibility

Adaptable

Empathy

Transparency

Kindness

Professionalism



GLEN E WEEKS
Fire Chief

AMERICAN CANYON FIRE PROTECTION DISTRICT

911 DONALDSON WAY, EAST
AMERICAN CANYON, CA. 94503
Phone 707-551-0650 Fax 707-642-0201

BLAKE LAWSON
Assistant Fire Chief

March 5, 2019

Leon Garcia, Chairman
Mariam Aboudamos, Vice-Chair
Mark Joseph, Board member
Kenneth Leary, Board member
David Oro, Board member

Mr. Chairman and Members of the Board,

On behalf of all of the members of the American Canyon Fire Protection District, I am pleased to present you with the 2018 Annual Report.

This document reports on the American Canyon Fire Protection District activities for the calendar year from January 1, 2018 through December 31, 2018.

We responded to 1662 total incidents in the 2018 calendar year. District personnel also responded to 6 major wildland fires throughout the State of California in 2018. Notable this past year; we completed labor negotiations and ratified a new three year "Memorandum of Agreement" between the District and Local 1186, we completed a Fire Captain Promotional process, we completed a Firefighter Recruitment process, and a Federal grant funded replacement Heavy Rescue Apparatus ("Rescue 11") was delivered.

Going forward into the 2019 calendar year we will keep endeavoring to find ways to continuously improve our service delivery to the community while maintaining financial stability. The achievements presented to you in this report demonstrate our commitment to serve with pride and excellence!

Sincerely,

Glen E. Weeks
Fire Chief

2018 American Canyon Fire Protection District Personnel



Martha Banuelos
*Fire Executive Assistant/
Office Administrator*



Glen E. Weeks
Fire Chief



Blake Lawson
Assistant Fire Chief



Lindsey Foster
Administrative Clerk I



Ron Prettyman
*Captain
Paramedic*



Dave Medina
Captain



Matt Churchman
*Captain
Paramedic*



Jamie Bryant
Captain



Jose Martin
Captain



Josh Cordeiro
*Captain
Paramedic*



Kent Barnes
Firefighter/Paramedic



Mark Cia
Firefighter



Chris Bartow
Firefighter/Paramedic



Max Etchieson
Firefighter/Paramedic



Chad Pilkington
Firefighter/Paramedic



Maksim Matushevskiy
Firefighter



Kenneth Diede
Firefighter



Eric Costello
Firefighter/Paramedic



Robert Rojas
Firefighter/Paramedic



Euclid Abalos
Firefighter

FIRE ADMINISTRATION➤ **Administration 2018****District Board Actions 2018**

- Surplus 1999 Westmark Type III Engine, January 30, 2018; *Resolution 2018-01*
- Strategic Plan Update, January 30, 2018; *Minute Order 2018-01*
- Monthly Financial Report for from July – December 2018, January 30, 2018; *Presentation*
- 2017 Annual Report, March 6, 2018, *Receive and File*
- Approved Mid-Year Budget Amendments, March 6, 2018; *Resolution 2018-02*
- Service Recognition: 10 years, Captain Ron Prettyman and Captain Josh Cordeiro, May 29, 2018, *Presentation*
- Badge Pinning for Robert Rojas, May 29, 2018; *Minute Order 2018-02*
- Firefighter of the Year: Firefighter Kent Barnes, May 29, 2018, *Presentation*
- Approve Dispatch Agreement, May 29, 2019, *Minute Order 2018-03*
- Approve Fire Service Board of Review Appointment, May 29, 2018, *Minute Order 2018-04*
- Approved Fire Mitigation Increase, May 29, 2018; *Resolution 2018-03*
- Approved Annual Cost of Living Increase and Confirm the Fire Service Fee Assessment, May 29, 2018; *Resolution 2018-04*
- Approve Uncollectible Mobile Home Fire Serve Fees, May 29, 2018; *Resolution 2018-05*
- Approve Definitive Networks Agreement, May 29, 2018; *Resolution 2018-06*
- Approve FY2018-19 Preliminary Budget, May 29, 2018; *Resolution 2018-07*
- Approve Memorandum of Agreement with International Association of Firefighters, Local 1186, May 29, 2018; *Resolution 2018-08*

- Adopt a Resolution approving the annual appropriations limit for FY2018-2019, May 29, 2018; *Resolution 2018-09*
- Introduction and First Reading by Title Only of an Ordinance increasing the Compensation of the Board of Directors for District Board Meetings, June 19, 2018; *Ordinance 2018-01*
- Approve a Minute Order giving notice to the Board of Directors to review Conflict of Interest Code; June 19, 2018, *Minute Order 2018-05*
- Consider for adoption by second reading proposed Ordinance 2018-01 adopting the increase compensation for the Board of Directors; July 3, 2018, *Ordinance 2018-01*
- Authorize an Alternative Retirement System proved by Public Agency Retirement Services (PARS), July 3, 2018; *Resolution 2018-10*
- Authorize the purchase of an Air Compressor and Air Cylinders from Bauer Compressors, July 31, 2018, *Resolution 2018-11*
- Approve the Overlay of the Parking Lot at 225 James Road; July 31, 2018, *Resolution 2018-12*
- Adopt the Final Operating and Capital Budgets for Fiscal Year 2018-2019, September 18, 2018; *Resolution 2018-13*
- Receive and File the Quarterly Financial Report for Quarter ended 9.30.18, October 30, 2018; *Minute Order 2018-06*
- Accept an update on implementation of the Strategic Plan, October 30, 2018, *Minute Order 2018-07*
- Receive and File Emergency Notification, October 30, 2018, *Presentation*
- Receive and File Wildfire Update, October 30, 2018, *Presentation*

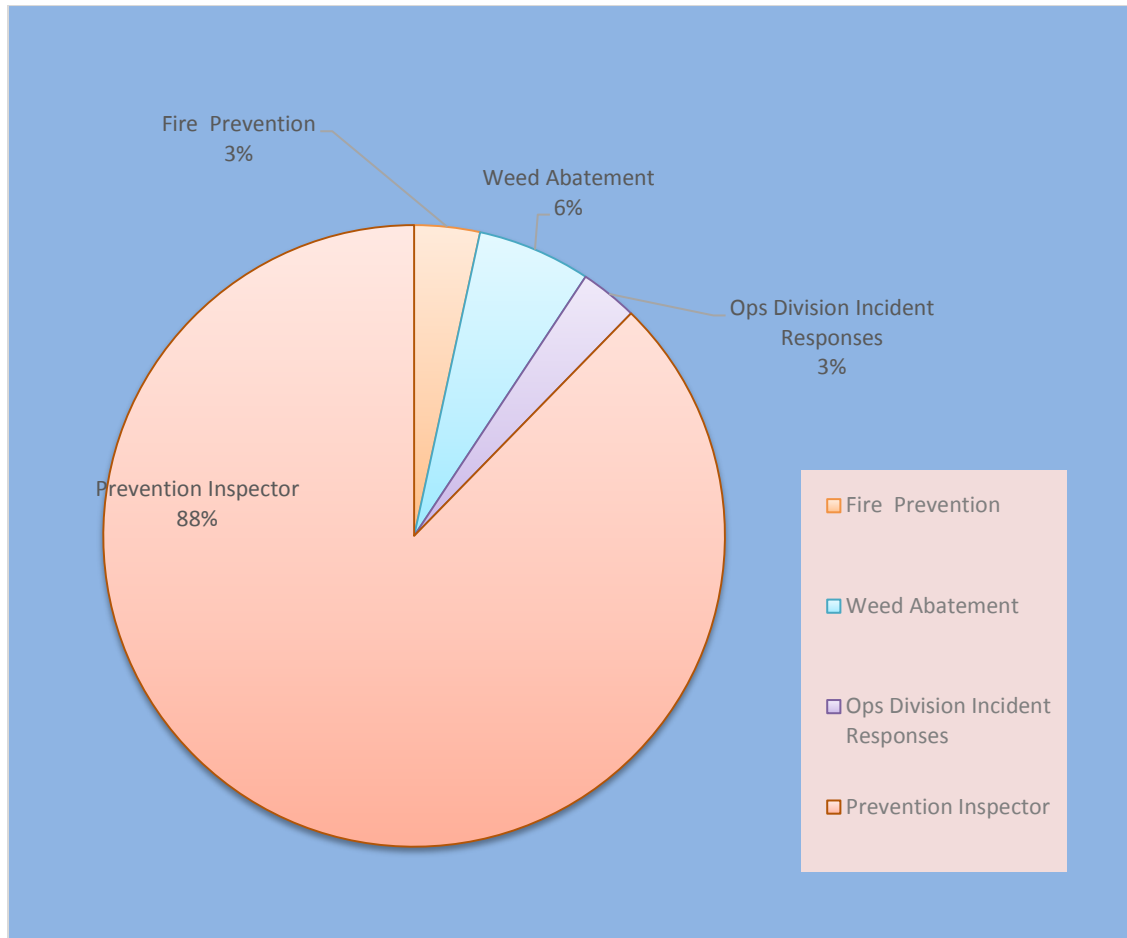
Additional Administrative Projects Completed in 2018

- ✓ Attend FASIS Board Meetings
- ✓ Attend LAWCX Board Meetings



*May 29, 2018 Fire District Board Meeting
American Canyon Firefighter Association donated \$1,000 to the
Boys and Girls Club*

American Canyon/Napa JPA Summary 2018



| | |
|---------------------------------------|---------------------|
| Fire Prevention Administration | \$ 3,585.33 |
| Weed Abatement | \$ 6,197.20 |
| Ops Division Incidents | \$ 3,149.09 |
| Prevention Inspector | \$ 92,222.00 |

Total \$ 105,153.62

 **Fire Department Human Resources 2018**

Service Awards:

10 Years

Fire Captain Joshua Cordeiro 3/18/18

5 Years

Firefighter Kenneth Diede 11/11/18

Firefighter Chad Pilkington 11/11/18

Firefighter of the Year

Firefighter / Paramedic Kent Barnes



Retirement:

Fire Captain Jamie Bryant

September 17, 1990 - December 28, 2018



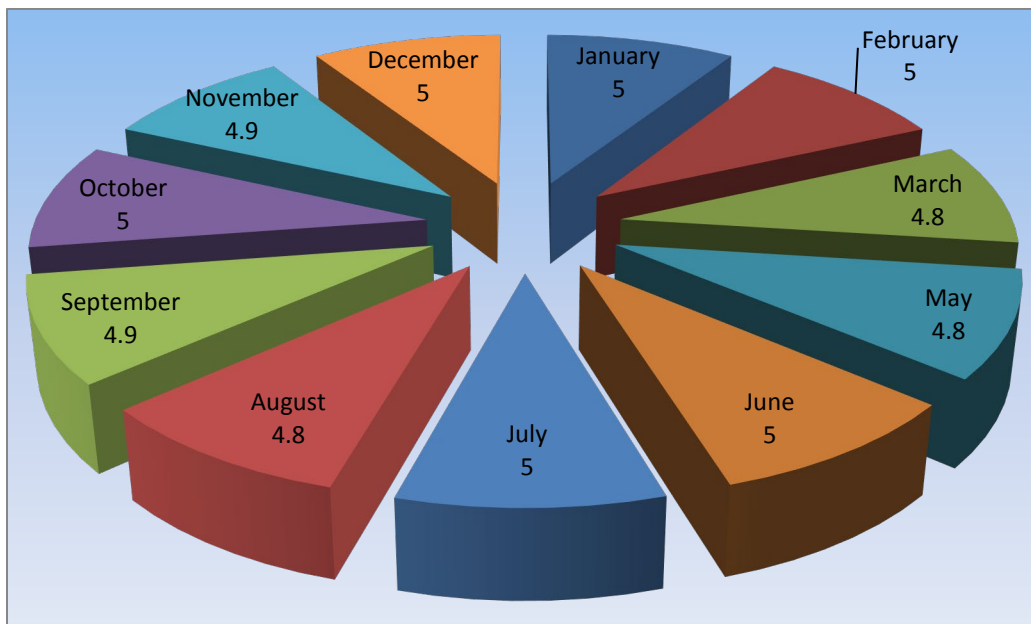
After 28 years serving the community of American Canyon Captain Bryant retired on Friday, December 28th. We would like to thank him for his professionalism and dedication to the District and Community of American Canyon. Captain Bryant will be missed by all. He was promoted from Firefighter to Fire Engineer in 2006 and then Fire Captain in January 2008. He is a long term member of both the Hazmat Team and Urban Search and Rescue Team. He is a GIS (mapping) Specialist and is also a valuable resource through his expert records management system/database computer skills.

On behalf of all the members of the department we wish you all the best in your retirement!!!

Average Customer Service Rating

| Month | Total Surveys Mailed | Total Surveys Returned | Total Avg. Rating |
|---------------|----------------------|------------------------|-------------------|
| January | 25 | 4 | 5 |
| February | 6 | 1 | 5 |
| March | 5 | 1 | 4.8 |
| April | 16 | 0 | |
| May | 44 | 8 | 4.8 |
| June | 59 | 11 | 5 |
| July | 55 | 12 | 5 |
| August | 68 | 15 | 4.8 |
| September | 55 | 10 | 4.9 |
| October | 39 | 9 | 5 |
| November | 53 | 11 | 4.9 |
| December | 51 | 3 | 5 |
| Totals | 476 | 85 | 4.9 |

The Fire District sent out 476 Customer Service Surveys and received 85 responses. We ask the citizens to rate the quality of service, 5= Excellent, 4 =Good, 3 + Adequate, 2 = poor, and 1 + unsatisfactory. The average rating was 4.9.



FIRE OPERATIONS

 **Overview**

The Operations Division delivers all of the American Canyon Fire Protection District emergency response services and plays an important part in delivering many other non-emergency services. There are a total of 20 employees and up to 10 reserves assigned to this division (including the Fire Chief and Assistant Fire Chief). Currently 15 career and 4 reserve emergency response personnel are divided into three operations “shifts” (A, B and C-Shift). Each of those shifts is managed by the “Duty Chief.”

Emergency response personnel are deployed from one fire station located centrally within the Fire District. The District serves a population of approximately 20,000 people located within the approximately 8 square miles of the Fire Protection District which includes the City of American Canyon as well as an unincorporated area of Southern Napa County.

The District prides itself in offering excellent emergency response to a variety of incidents, which include; fires, medical emergencies, hazardous material releases, and specialized rescue situations. This is accomplished through the efforts of our minimum daily shift staffing of 5 career emergency response personnel (as of 01/01/2019) and a maximum of 10 reserve firefighters. Shift personnel work a 48 hours on - 96 hours off schedule which is an average of a 56 hour work week. The Fire Chief and Assistant Fire Chief work a minimum 40 hour week and share duties as the on-call “Duty Chief” on a 24-7 basis.

Current Career Staffing

A Shift

Engine 11
 Captain
 Firefighter
 Firefighter/Paramedic

Brush 11
 Captain/Paramedic
 Firefighter/Paramedic

B Shift

Engine 11
 Captain
 Firefighter
 Firefighter/Paramedic

Brush 11
 Captain/Paramedic
 Firefighter/Paramedic

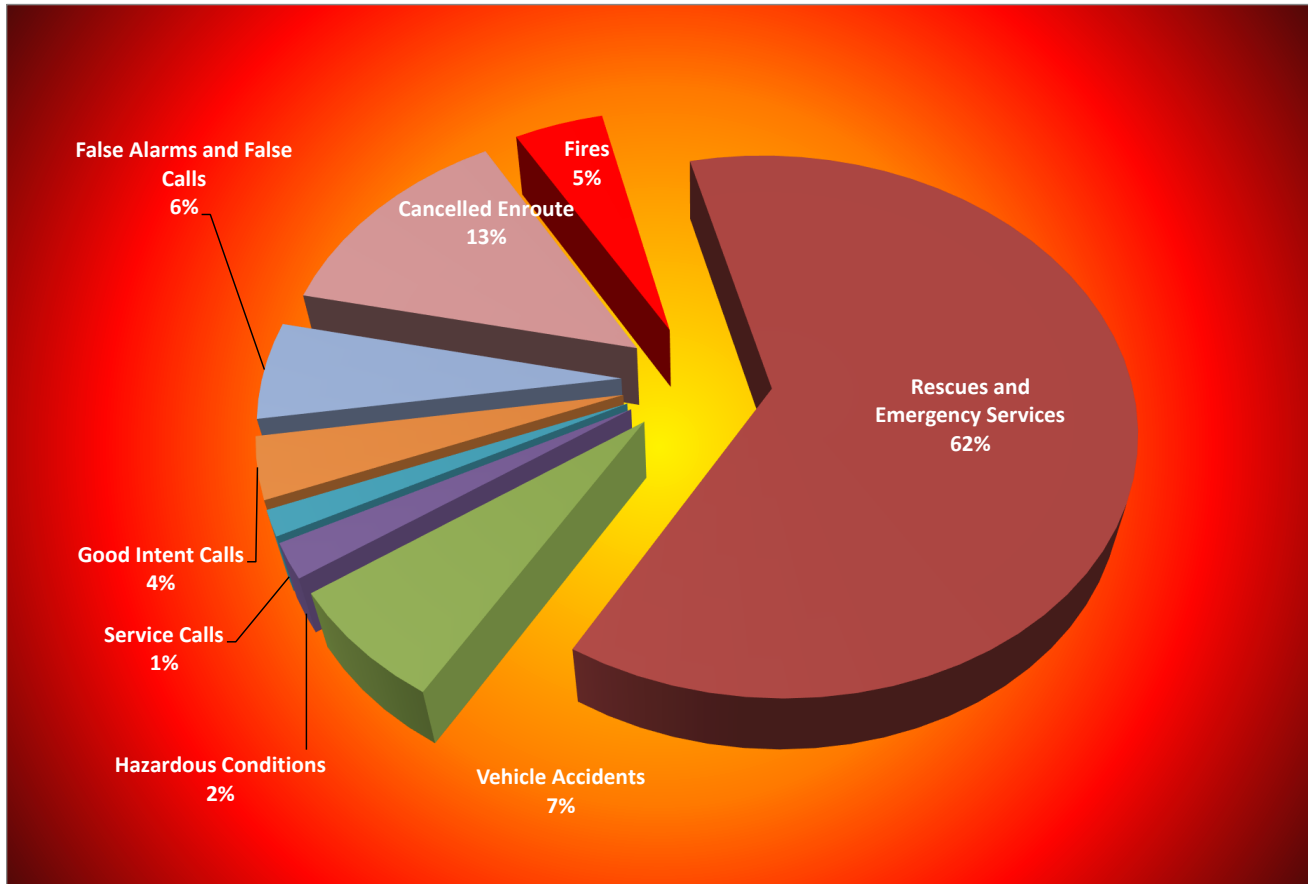
C Shift

Engine 11
 Captain
 Firefighter
 Firefighter/Paramedic

Brush 11
 Captain/Paramedic
 Firefighter/Paramedic

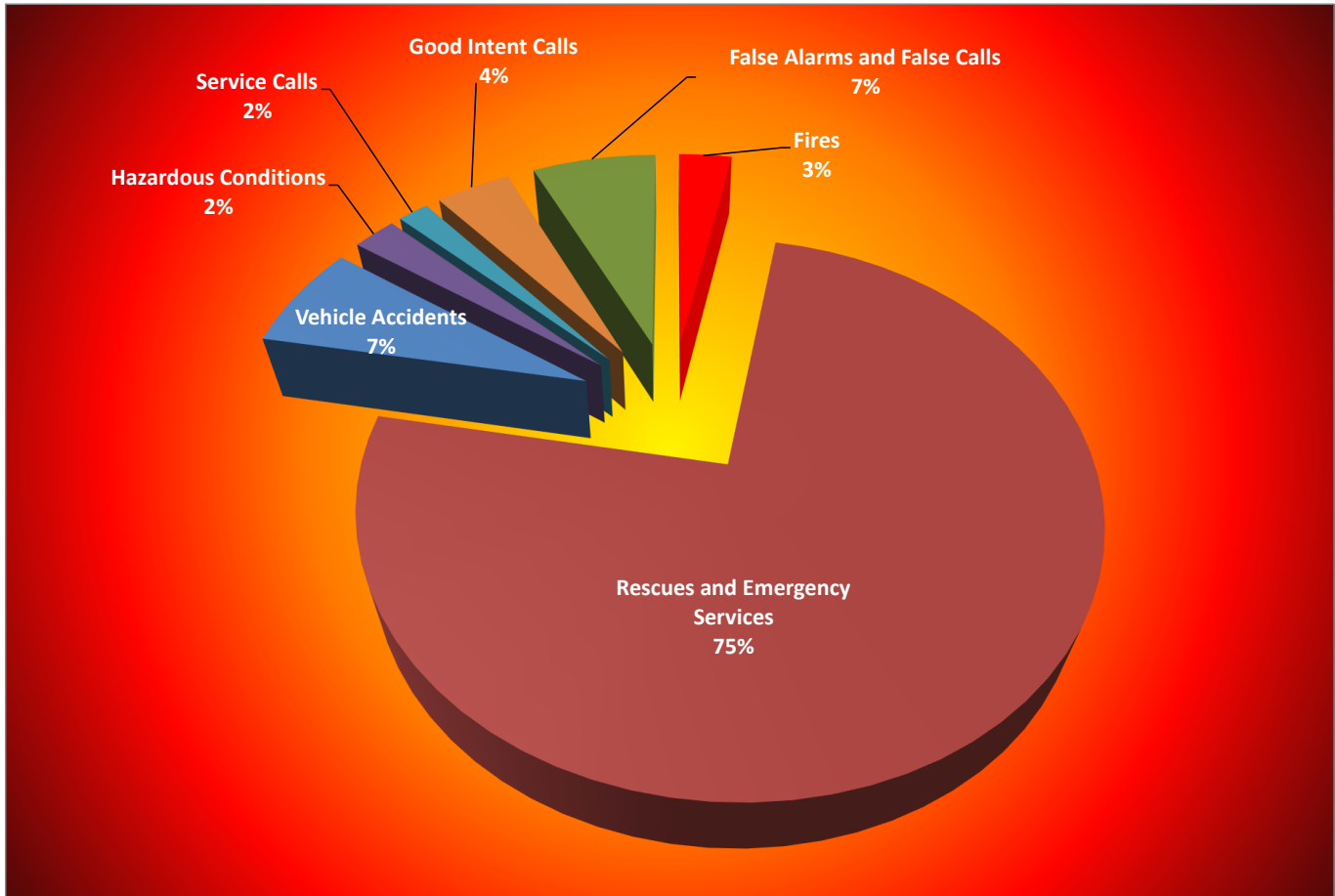


All Emergency Incidents Responded to by American Canyon Fire Protection District in 2018



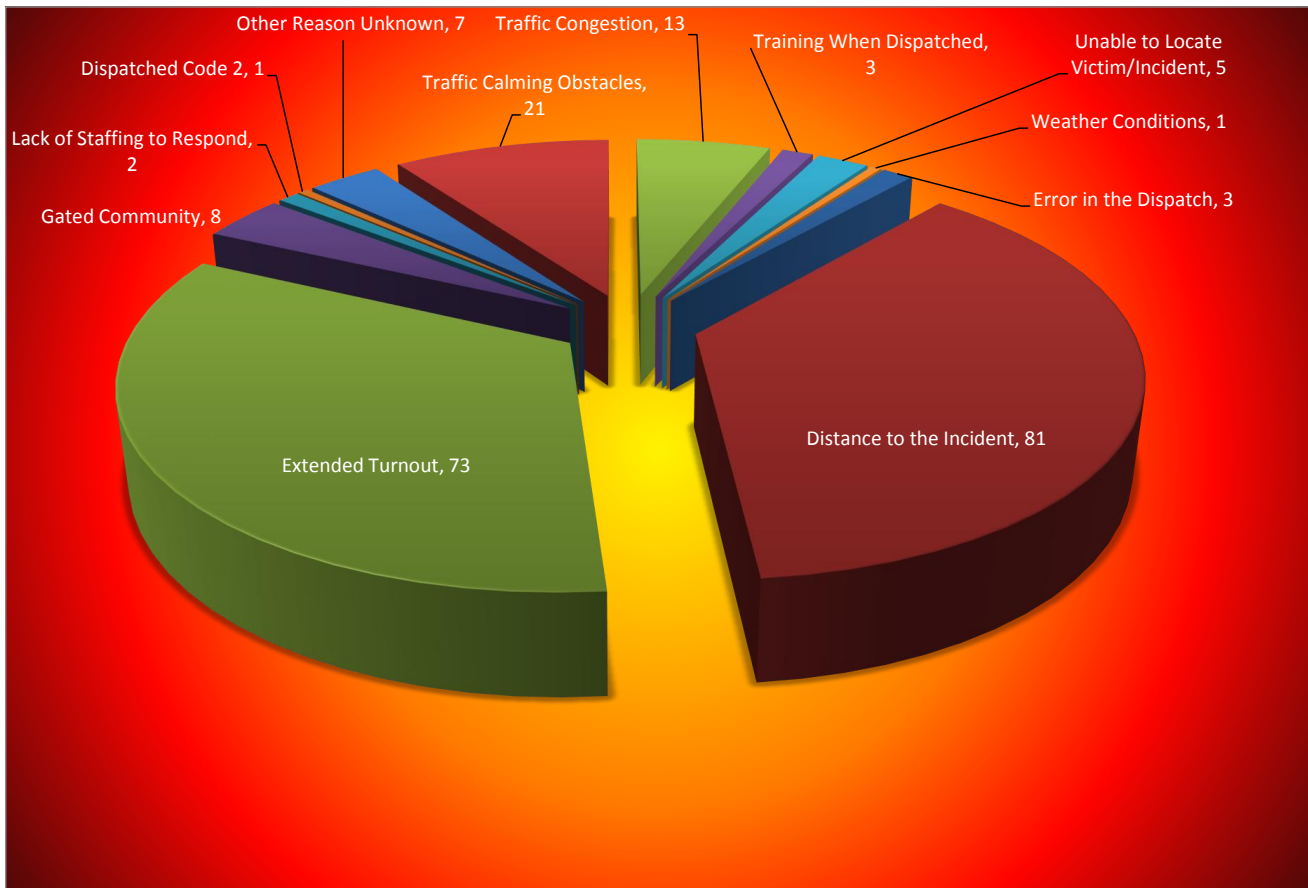
| | |
|--------------------------------|------|
| Fires | 67 |
| Rescues and Emergency Services | 897 |
| Vehicle Accidents | 98 |
| Hazardous Conditions | 30 |
| Service Calls | 22 |
| Good Intent Calls | 53 |
| False Alarms and False Calls | 84 |
| Cancelled Enroute | 191 |
| Total Emergency Calls | 1442 |
| Nonemergency Calls | 220 |
| Total Number of Incidents | 1662 |

2018 Emergency Incidents in American Canyon Fire Protection District



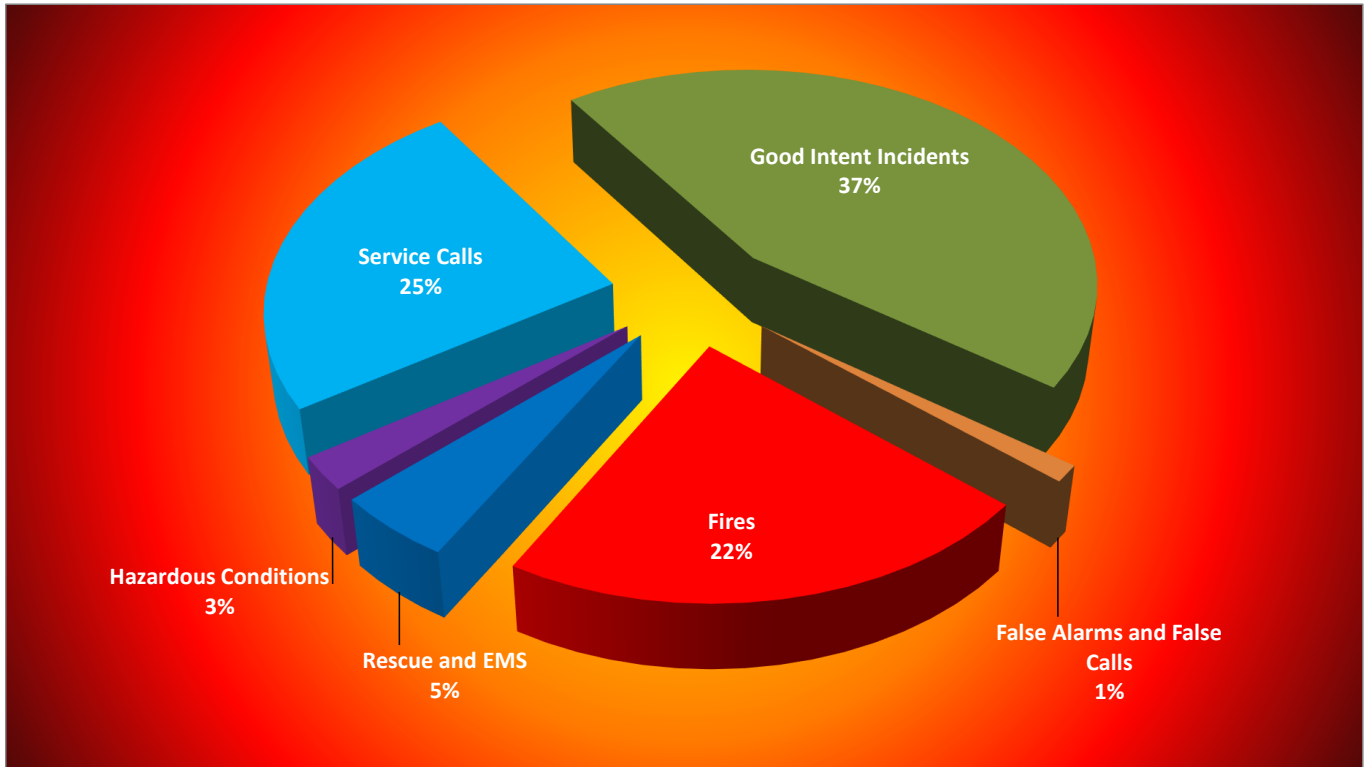
| | |
|------------------------------------|------|
| Fires | 35 |
| Rescues and Emergency Services | 881 |
| Vehicle Accidents | 80 |
| Hazardous Conditions | 28 |
| Service Calls | 20 |
| Good Intent Calls | 49 |
| False Alarms and False Calls | 82 |
| Cancelled Enroute Calls | 106 |
| Total Emergency Calls | 1281 |
| Nonemergency Calls | 181 |
| Total Number of Incidents | 1462 |
| Number of Resopnses Over 5 Minutes | 218 |

Reason for Delayed Responses in 2018



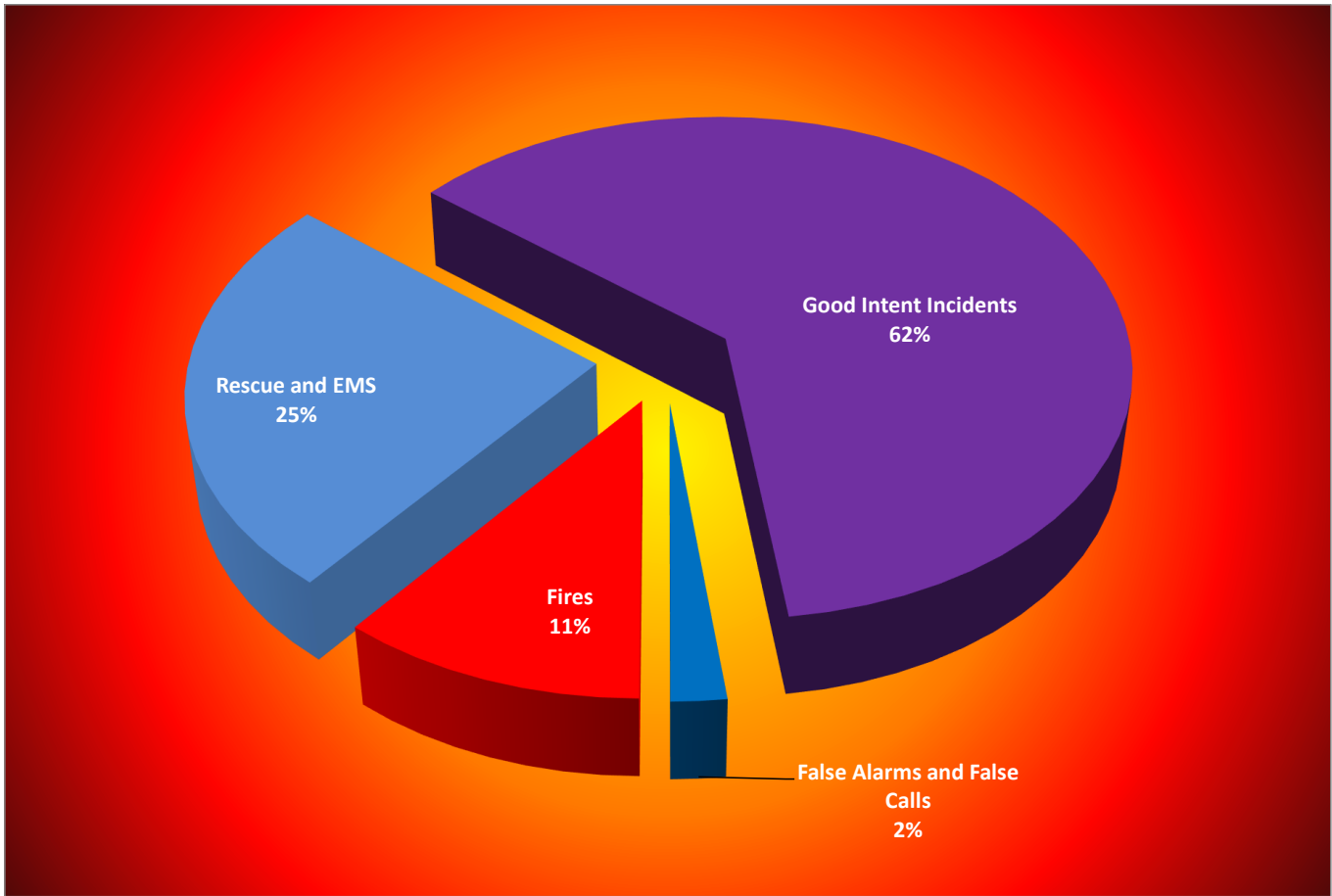
| | |
|-------------------------------|------------|
| 5 to 6 Minute Response | 118 |
| 6 to 7 Minute Response | 60 |
| 7 to 8 Minute Response | 19 |
| 8 to 9 Minute Response | 11 |
| 9 to 10 Minute Response | 2 |
| 10 Minute or Greater Response | 8 |
| Total | 218 |

Responses to the City of Vallejo by American Canyon in 2018

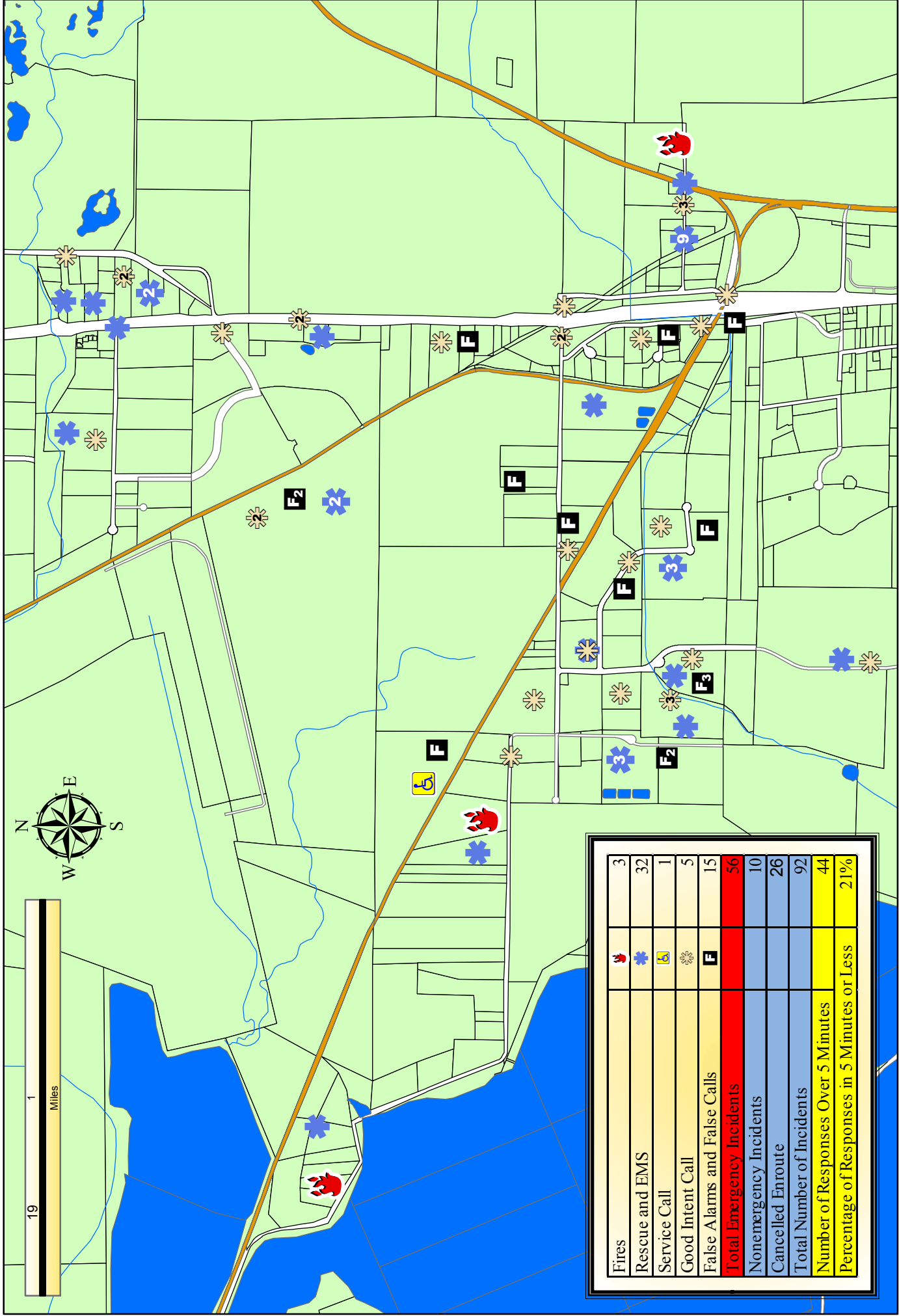


| | |
|------------------------------|----|
| Fires | 18 |
| Rescue and EMS | 4 |
| Hazardous Conditions | 2 |
| Service Calls | 20 |
| Good Intent Incidents | 36 |
| False Alarms and False Calls | 1 |
| Total Number of Incidents | 81 |

Responses to Napa County by American Canyon in 2018



| | |
|------------------------------|-----|
| Fires | 11 |
| Rescue and EMS | 26 |
| Good Intent Incidents | 64 |
| False Alarms and False Calls | 2 |
| Total Number of Incidents | 103 |

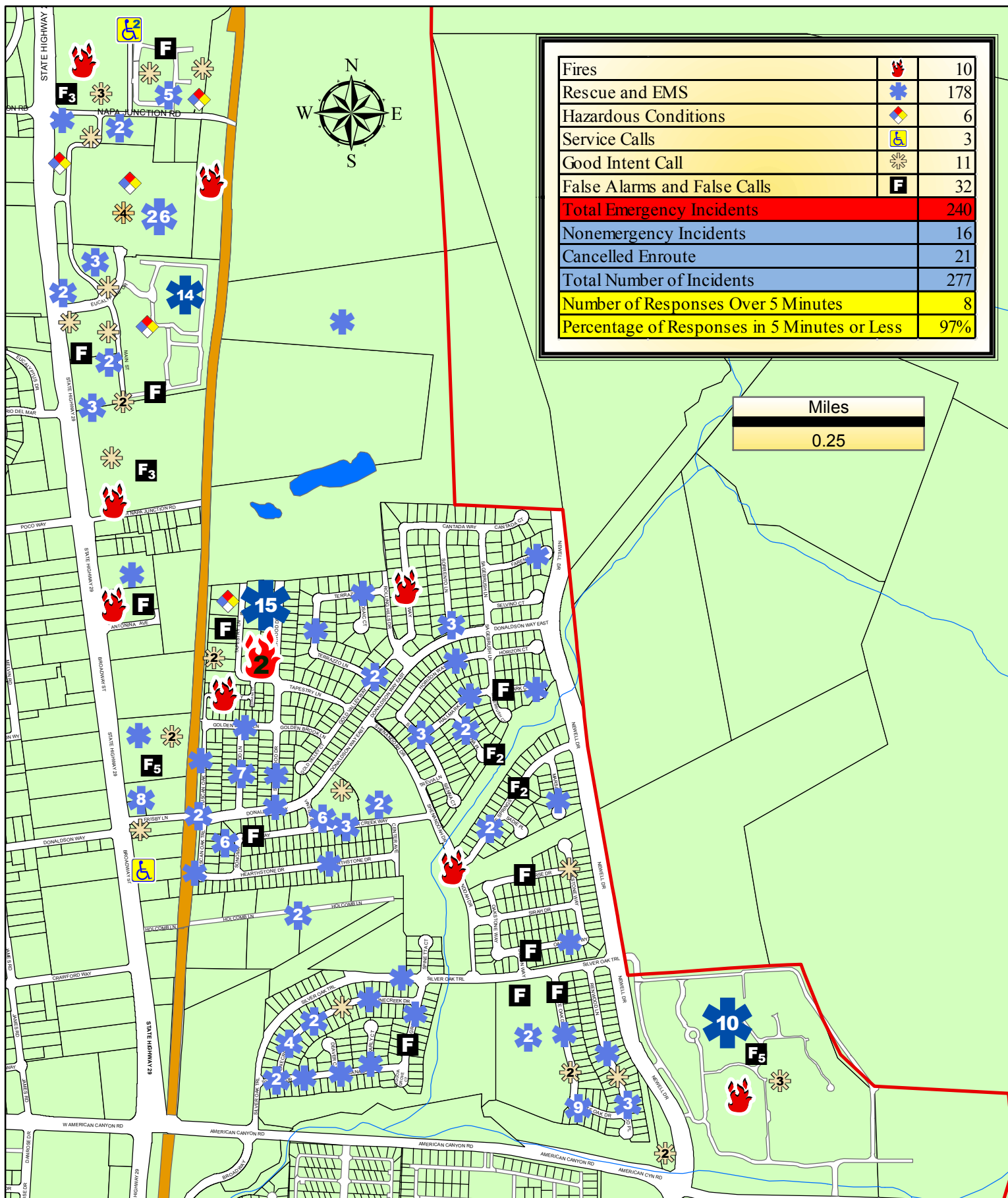


Industrial Area

Incident Responses in 2018

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

Cancelled Enroute Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times









North East Residential Neighborhood

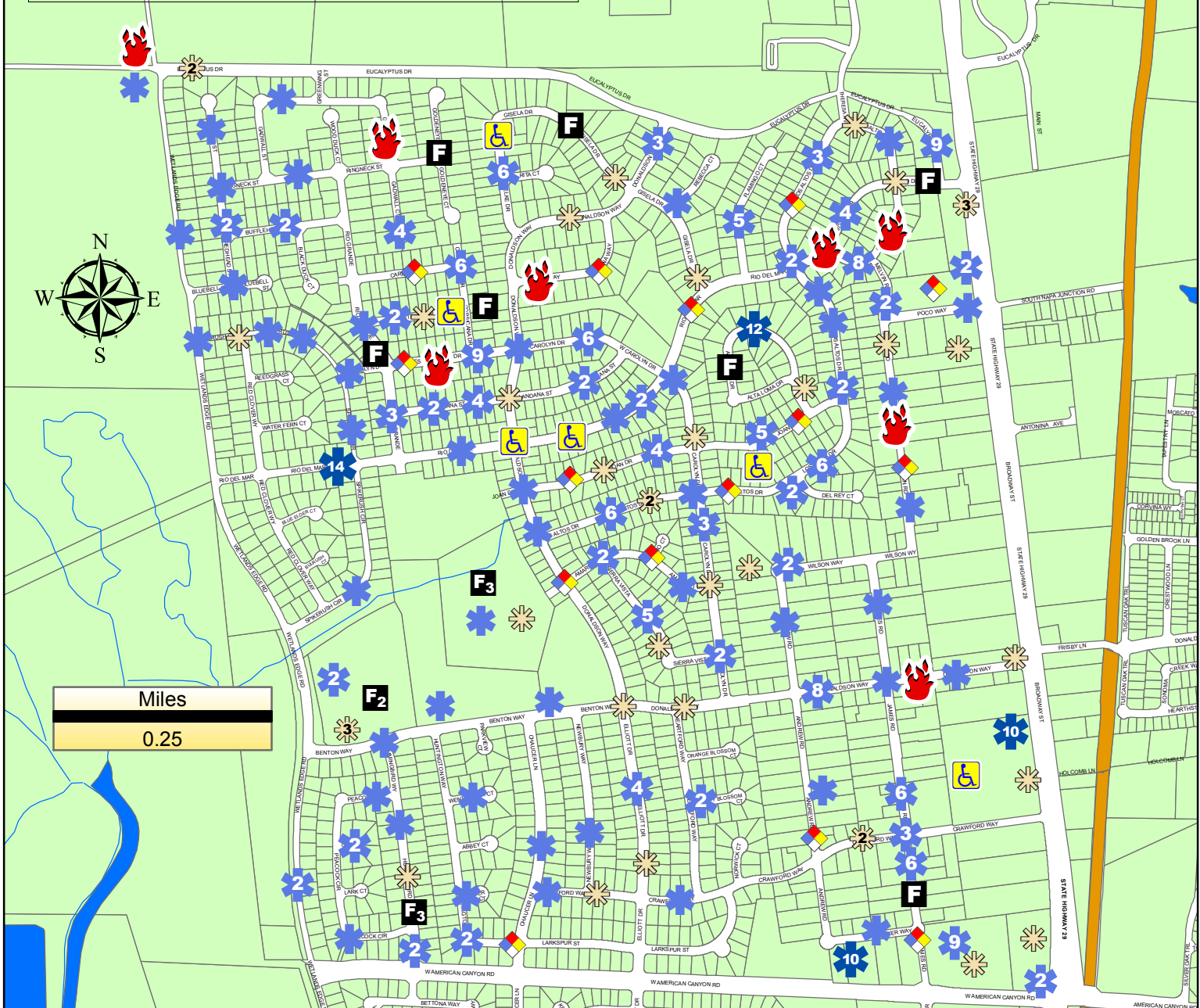
Incident Responses in 2018

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

Cancelled Enroute Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times



| | | |
|---|---|------------|
| Fires |  | 8 |
| Rescue and EMS |  | 280 |
| Hazardous Conditions |  | 15 |
| Service Calls |  | 7 |
| Good Intent Call |  | 10 |
| False Alarms and False Calls |  | 17 |
| Total Emergency Incidents | | 337 |
| Nonemergency Incidents | | 66 |
| Cancelled Enroute | | 30 |
| Total Number of Incidents | | 433 |
| Number of Responses Over 5 Minutes | | 47 |
| Percentage of Responses in 5 Minutes or Less | | 86% |



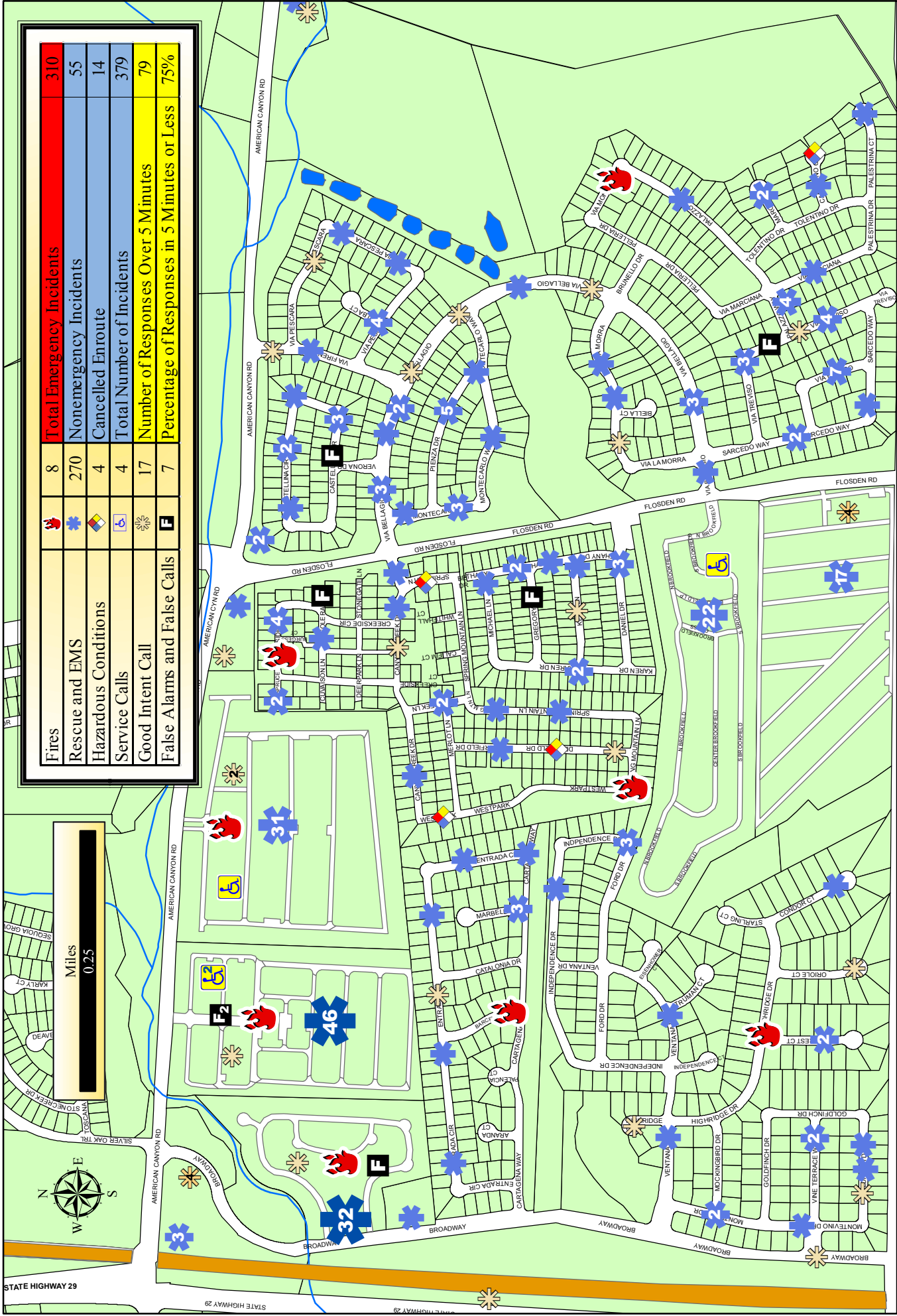
North West Residential Neighborhood

Incident Responses in 2018

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

Cancelled Enroute Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times

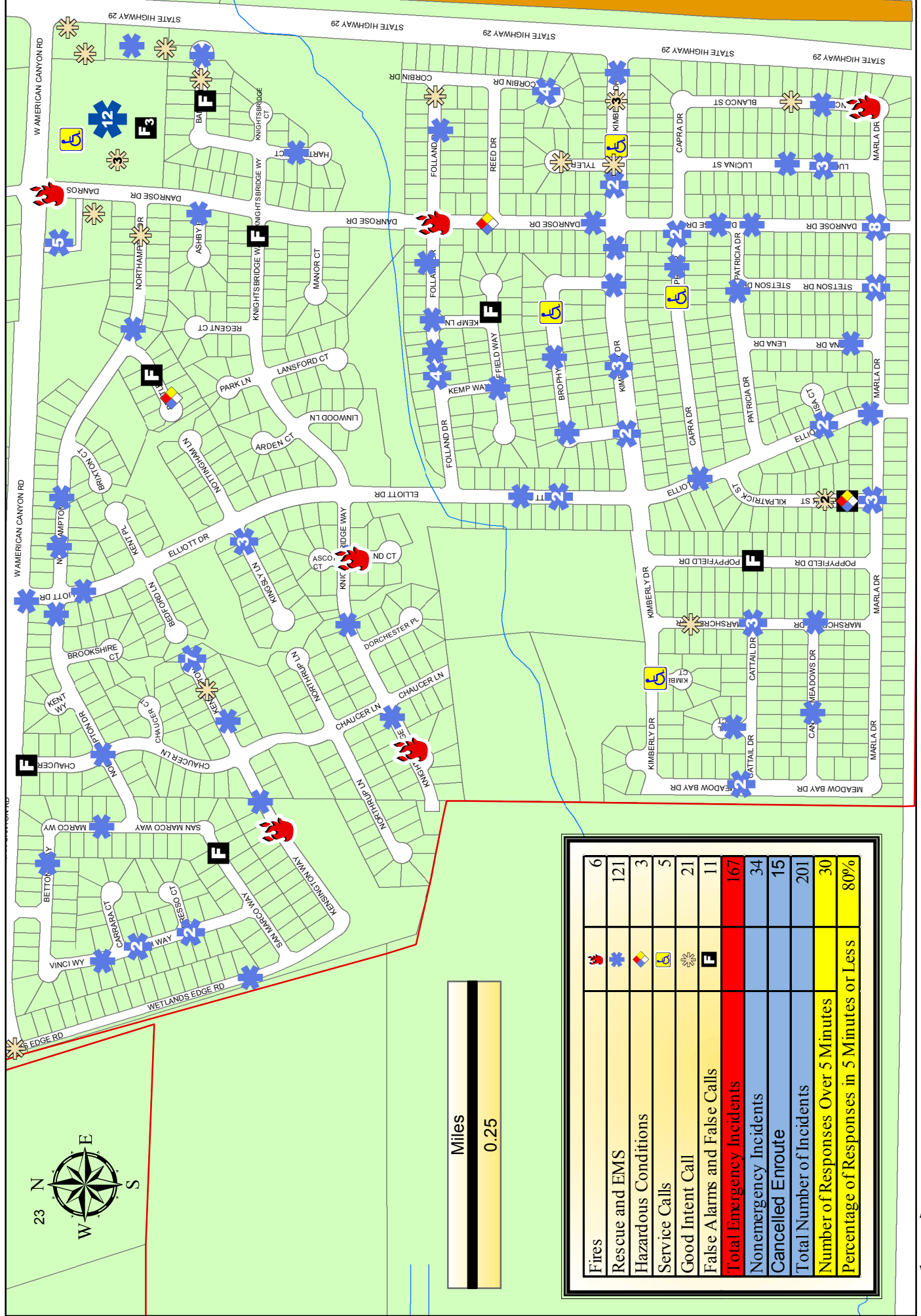




South East Residential Neighborhood

Incident Responses in 2018

*Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses. Good Intent Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times



South West Residential Neighborhood

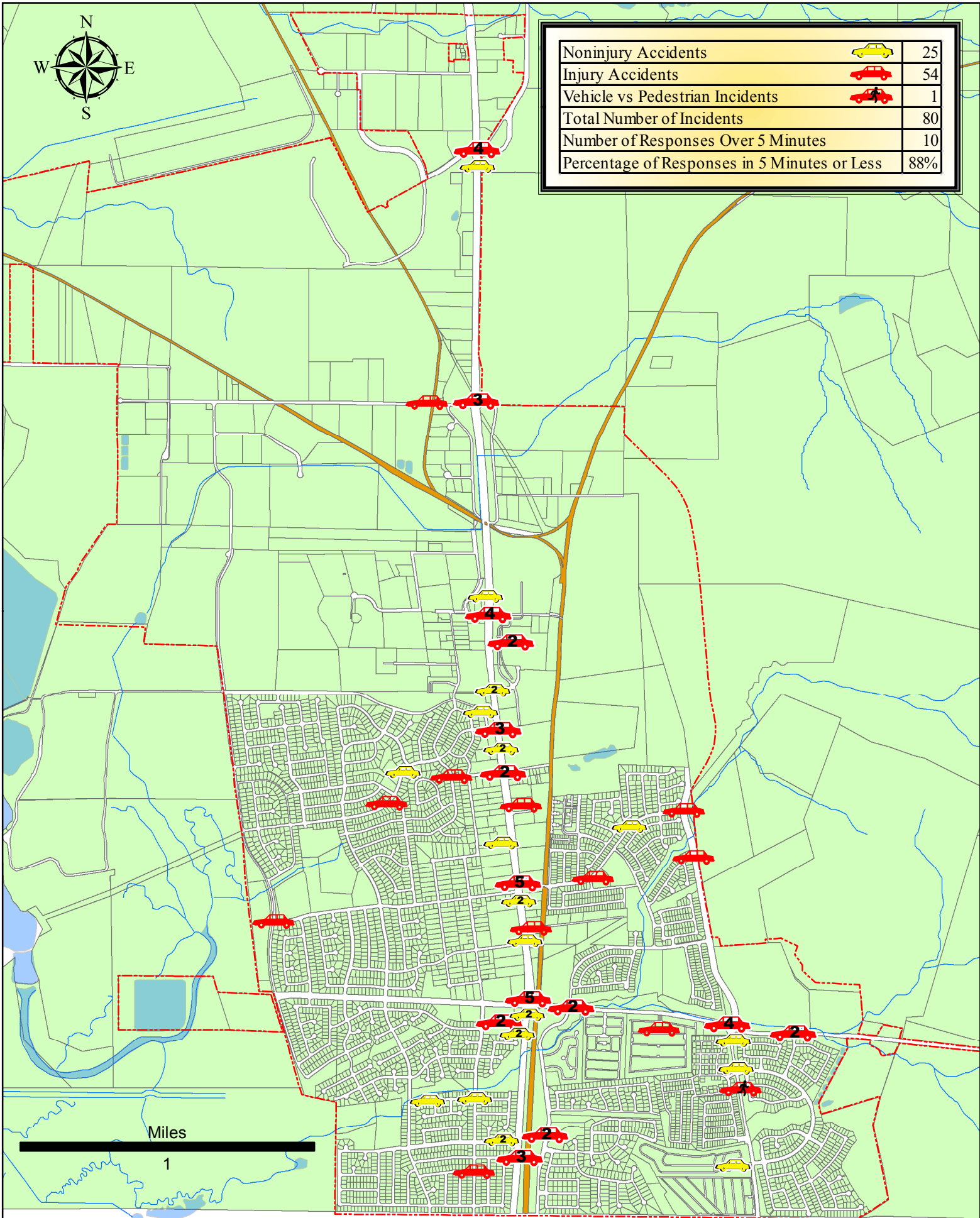
Incident Responses in 2018

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses. Canceled Enroute Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times.





| | | |
|--|--|-----|
| Noninjury Accidents | | 25 |
| Injury Accidents | | 54 |
| Vehicle vs Pedestrian Incidents | | 1 |
| Total Number of Incidents | | 80 |
| Number of Responses Over 5 Minutes | | 10 |
| Percentage of Responses in 5 Minutes or Less | | 88% |



Miles

1

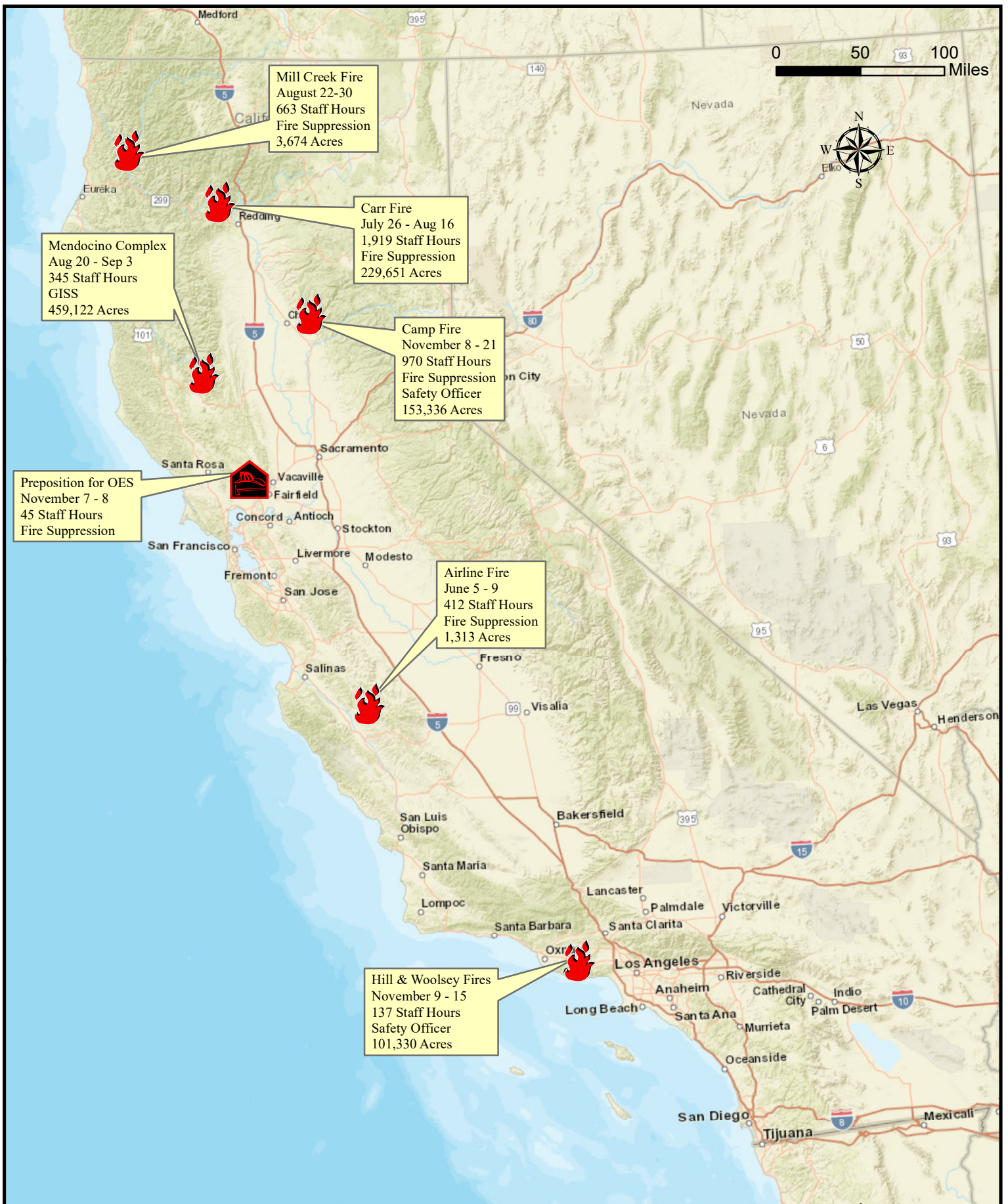


Vehicle Accidents

Incidents in 2018



*Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.



2018 California State Mutual Aid Responses



 **Statewide Mutual Aid Strike Team Deployments 2018**

| Date | Incident | Unit Assigned | Staffing |
|---------------------|--|--------------------------|----------|
| 06/5/18 - 6/9/18 | Airline 2 (San Benito – Monterey Unit) | E-411 | 4 |
| 7/26/18 – 8/16/18 | Carr (Shasta Trinity Unit) | E-411 | 3/3/3 |
| 7/26/18 - 8/9/18 | Carr | Strike Team Leader | 1 |
| 8/20/18 – 9/3/18 | Mendocino Complex | GIS Technical Specialist | 1 |
| 8/22/18 - 8/30/18 | Mills Creek | E-411 | 3 |
| 11/8/18 – 11/19/18 | Camp | E-411 | 3/3/1 |
| 11/7/18 – 11/8/18 | OES Preposition | E-411 | 3 |
| 11/15/18 – 11/21/18 | Freedom Camp Camarillo | Safety Officer | 1 |
| 11/9/18 – 11/13/18 | Hill then reassigned to Woolsey | Safety Officer | 1 |



E- 411 at the Camp Fire

FIRE OPERATIONS

Emergency Medical Services

The American Canyon Fire Protection District is an Advanced Life Support (“ALS”) first responder. The District staffs a minimum of one Paramedic qualified firefighter on an engine equipped with a full complement of ALS equipment, 24-7. The District currently has a total of nine (9) licensed and accredited Paramedics on staff.

The District participates in a Public/Private Agreement with the Napa County ambulance franchise holder American Medical Response (“AMR”). The District and AMR work together in order to provide the best possible patient care in the District and this partnership enhances the level of emergency medical service county-wide. Through the agreement, AMR provides:

- Medical Direction and Quality Assurance
- Additional EMS Training
- EMS Supply Re-stock
- Surge (back-up) Ambulance
- Annual Re-imbursement for ALS service (\$40,000) which provides AMR with a 25% increase in response time performance

The District:

- Actively participates in Napa County EMS stakeholders meetings to stay updated on regional EMS contractual issues
- Participates on the “EMS Advisory Committee” to support the Napa Valley College in its endeavor to provide local Emergency Medical Service Education
- Actively participates on the following Napa County EMS committees:
 - Medical Advisory Committee (“MAC”)
 - Continuous Quality Improvement Committee
 - Continuous Quality Improvement Sub Committee
 - Napa County Trauma Care Committee
 - Napa County Sudden Cardiac Arrest Care Committee
 - Public Information & Education Committee (“PIE”)



EMS Incidents - Chief Complaint

01/01/2018 to 12/31/2018

| | |
|---|-----|
| Abdominal pain | 58 |
| Airway obstruction | 5 |
| Allergic reaction, excludes stings & venomous bit | 10 |
| Altered level of consciousness | 96 |
| Behavioral - mental status, psychiatric disorder | 27 |
| Cardiac arrest | 7 |
| Cardiac dysrhythmia | 9 |
| Chest pain | 51 |
| Diabetic symptom | 14 |
| General illness | 106 |
| Hemorrhaging/bleeding | 6 |
| Hypovolemia | 1 |
| None/no patient or refused treatment | 22 |
| Obvious death | 6 |
| Other impression/assessment | 149 |
| Overdose/poisoning | 11 |
| Pregnancy/OB | 2 |
| Respiratory distress | 80 |
| Seizure | 41 |
| Sting/bite | 2 |
| Stroke/CVA | 22 |
| Syncope, fainting | 43 |
| Trauma | 211 |
| Unresponsive / Unconscious | 20 |



EMS INCIDENTS - PROCEDURES USED

01/01/2018 to 12/31/2018

| | |
|--|-----|
| IV Established | 79 |
| IO Established | 10 |
| Assist Ventilation | 9 |
| Blood Glucose Check | 324 |
| Burn Case | 1 |
| Advanced Airway Established | 4 |
| Breathing Treatment | 18 |
| Chest / Abdominal Thrust | 0 |
| CPR Manual | 13 |
| CPR Lucas Device | 11 |
| Defibrillation by AED | 4 |
| 12 Lead EKG | 196 |
| Extrication | 4 |
| Medication Given via IV or IO | 42 |
| Medication Given via IM or SQ | 10 |
| Medication Given via PO | 39 |
| Medication Given via Other Method | 14 |
| Needle Cricothyroidotomy | 0 |
| OB Care / Delivery | 1 |
| Chest Decompression | 1 |
| Restrained Patient | 1 |
| Spinal Immobilization | 12 |
| Splint Extremities | 8 |
| Suction / Aspiration | 2 |
| CPAP | 12 |
| Number of Basic Life Support Procedures Performed | 66 |
| Number of Advanced Life Support Procedures Performed | 749 |

Urban Search & Rescue (US&R)

The District has the capability to handle different types of rescue situations requiring specialized equipment and training. The most frequent type of rescue emergency involves extricating people who are trapped in vehicles as the result of traffic accidents with hydraulic rescue tools. The District also maintains a team of personnel who are specially trained to conduct rescue activities in permit-required confined spaces, structural collapses, trench collapses, and low and high angle rescue. This is referred to as “Urban Search and Rescue” (“US&R”). The US&R team trains regularly with fire department personnel from other agencies within Napa County as a participant in the “Napa Interagency Rescue Team” (“NIRT”). The District also has two inflatable rescue boats (“IRB”) and US&R team members are boat rescue and swift/flood water rescue qualified.

2018 Urban Search & Rescue Training

| Date | Topic | Drill Hours Possible Per Team Member |
|-----------------|---|---|
| 01/02/18 | US&R Business/Planning Meeting | 3 |
| 01/18/18 | Ladder Systems | 3 |
| 02/28/18 | Lifting & Moving Heavy Objects | 3 |
| 03/21/18 | Confined Space Operations | 3 |
| 4/22/18 | Boat Operations | 3 |
| 05/16/18 | Trench Rescue | 3 |
| 06/21/18 | Boat Operations | 3 |
| 07/18/18 | High Angle Rope Rescue Operations | 3 |
| 08/22/18 | Multi Discipline | 3 |
| 09/19/18 | Structure Collapse Shoring | 3 |
| 10/17/18 | US&R Project Work Session | 3 |
| 11/20/18 | Metal Cutting/Concrete Shoring | 3 |



FIRE TRAINING

Overview

The training function of the American Canyon Fire Protection District supports our goal of recruiting, hiring, and retaining only the best people and supporting them through the development and maintenance of their knowledge, skills, and abilities.

Training Division Mission

“To provide all American Canyon Fire Protection District personnel with professional, state-of-the-art training in all aspects of their jobs in order to maximize an efficient and effective delivery of service while focusing on maximum safety and effectiveness in emergency operations”.

Training Goals

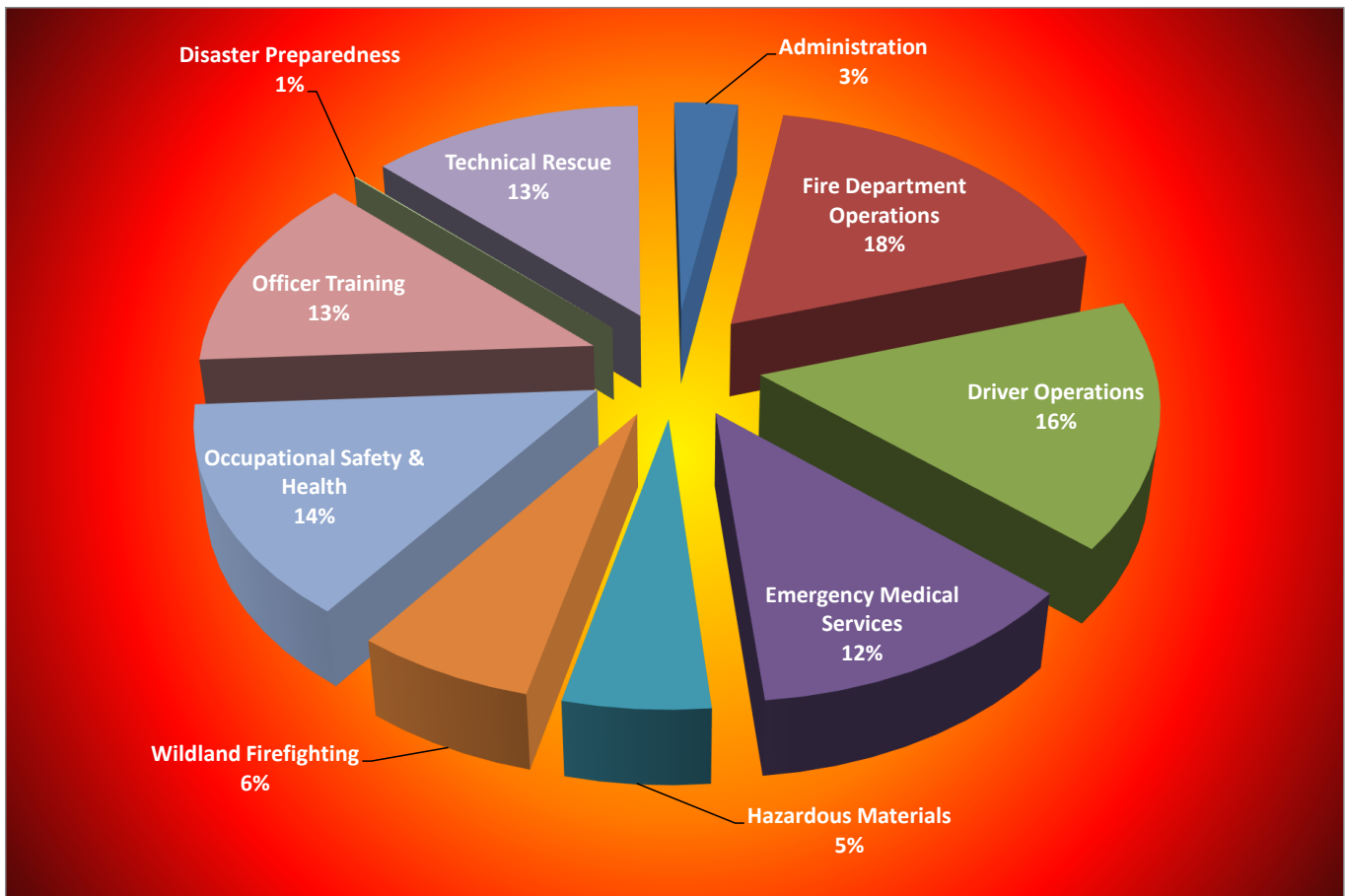
Compliance with State, Federal and Industry Standards and maximize:

- *Worker Safety*
- *Performance to Recognized Standards*
- *Reduction of Liability to the American Canyon Fire Protection District and its Employees.*
- *Meet or exceed ISO requirements for maximum points with regard to training*
- *Maintain requirements as set forth by OES for Type 1 USAR resource*
- *Train Efficiently*
- *Fulfill personnel career objectives*
- *Continuous training needs analysis and improvement*
- *Succession planning*

Training Division Values

- *Development of ACFPD personnel by providing the following opportunities:*
 - *Career development training inside and out of the department*
 - *Input with regard to training topics*
 - *Curriculum development*
 - *Instruction of curriculum*

2018 TRAINING ACTIVITIES



| ACTIVITIES | HOURS |
|---|--------------|
| <i>Administration</i> | <i>163</i> |
| <i>Fire Department Operations</i> | <i>970</i> |
| <i>Driver Operations</i> | <i>900</i> |
| <i>Emergency Medical Services</i> | <i>673</i> |
| <i>Hazardous Materials</i> | <i>293</i> |
| <i>Wildland Firefighting</i> | <i>355</i> |
| <i>Occupational Safety & Health</i> | <i>775</i> |
| <i>Officer Training</i> | <i>718</i> |
| <i>Disaster Preparedness</i> | <i>4</i> |
| <i>Technical Rescue</i> | <i>701</i> |
| TOTAL | 5552 |

2018 Classes Hosted by ACFPD

| Course | Dates |
|---|------------------------|
| Fire Extinguisher Training – Boral Stone | April 6, April 26 |
| Hands Only CPR & AED Use – Canyon Oaks Elementary | May 9, August 14 |
| CERT | August 18 |
| CERT | November 6, 8 13, & 15 |
| Fire Extinguisher Training – Envirocare International | December 5 |
| Hands Only CPR – American Canyon High School | December 10 |



C.E.R.T. Training

FIRE PREVENTION

Overview

Service Priorities

- Partnering with the Community while promoting Fire and Life Safety.
- Providing Public Education and awareness to reduce the fire and life safety risk.
- Utilizing well-trained inspectors to educate the public while conducting a comprehensive inspection and code enforcement program.
- Investigating the cause and origin of fires.
- Fire and Life Safety records and maintenance.

The Fire Prevention Division consists of the Fire Chief, a full time Fire Inspector shared 50/50 by the City of Napa and the District, and Fire Company (shift) inspectors. The American Canyon Fire Protection District and City of Napa established a Joint Powers Agreement (JPA) in 2010, which made the City of Napa FD Fire Prevention Bureau and the District Fire Prevention Bureau (“Bureau”) one and the same. The Bureau is lead by Fire Marshal Greg Fortune. The Fire Marshal reports to the Fire Chiefs (of both Napa and the District) and is responsible for code enforcement, fire plans review and engineering, fire investigation, and fire and life safety education. The Prevention Division strives to provide the highest level of customer care and service. Accomplishing the mission requires delegation and teamwork throughout all levels of both organizations.

Code Enforcement

Once a building is constructed, we conduct maintenance inspections to help ensure that a reasonable degree of fire safety exists. Along with the shared Fire Inspector, annual fire inspections are conducted by our fire suppression crews through the engine company annual business fire safety inspection program. We work in partnership with building and business owners to help us with this process.

Fire Plans Review and Construction

The Fire Prevention Division of the American Canyon Fire Protection District partners with the community, the Napa Fire Prevention Bureau and City of American Canyon staff to provide building plan review services for both new and existing construction projects. Services include the review of designs and installation of automatic fire sprinkler and fire alarm systems which will be built into the structure. We also ensure public fire safety in all public buildings and multi-tenant occupancies. The Plan Review Committee (PRC) Program is responsible for ensuring these projects adhere to fire and life safety code requirements regulating the safety of people who will occupy the building or area.

Sprinkler Requirements

Present-day automatic fire sprinklers have been perfected to the point that they are extremely reliable when properly maintained. Automatic sprinkler systems are recognized as the most reliable of all fire protection devices controlling or extinguishing a fire at an early stage. The design of automatic sprinkler systems is based upon the assumption that only a portion of the sprinkler heads will flow during a fire. On average, about 96 percent of all fires in sprinkled buildings are controlled or extinguished by two to four fire sprinkler heads. Contrary to most beliefs, not all fire sprinkler heads will flow at the same time. The life safety of building occupants is enhanced by the presence of a sprinkler system and the loss of property can be reduced.

Fire Investigation

This program is overseen by the Fire Chief and our Police Department who also assists in this process. We work very closely with the Police Department on fires suspected to be arson.

**2018 Inspection
Activity**

| | |
|----------------------------|-----|
| Engine Company Inspections | 109 |
| Bureau Inspections | 183 |
| New Commercial Inspections | 96 |
| Plan Check | 238 |



2018 Public Education Events

February

- AC Little League Basic First Aid
- Headstart Public Education Talk
- Canyon Oaks Elementary School Station Tour (2)
- Napa County Firefighter's Appreciation Dinner
- American Canyon High School Senior Class Visit (2)

March

- National Read Across America Day At Canyon Oaks Elementary School
- Canyon Oaks Elementary School Station Tour
- Spring Celebration at Donaldson Way Elementary School

April

- American Canyon High School Career Day Event
- Interview with a senior from American Canyon High School regarding a career in Firefighting (5)
- Little League Parade
- Fire Extinguisher Training (2)
- Family Station Tour
- Observe Fire Drill at Donaldson Way Elementary School

May

- Dare Graduation for Donaldson Way Elementary School
- Hands Only CPR & AED Use at Canyon Oaks Elementary School
- Kidical Mass Bike Event
- Ride-A-Long (2)
- Restorative Circle at American Canyon Middle School
- Spring Fling at Donaldson Way Elementary School
- Veterans Memorial Ceremony

June

- Dare Graduation
- Boys and Girls Club Grand Opening
- Ride-A-Long
- Station Tour

July

- Pancake Breakfast, Parade, Flag Raising, and Fireworks for 4th of July
- Station Tours
- Philip West Memorial Water Carnival

August

- Ride-A-Long (2)
- Health Expo
- National Night Out
- Station Tour
- Hands Only CPR – Canyon Oaks Elementary School
- Ride on the Fire Engine
- CERT Training
- American Canyon High School honored the First Responders

September

- AYSO Opening Day Parade
- September 11th Ceremony
- Station Tour – Boys and Girls Club
- Rid-A-Long (3)
- Station Visit (3)
- Car Seat Safety Workshop
- Citizen's Academy

October

- Station Visit (6)
- Firefighter Fitness test with Supervisor Ramos
- Public Safety Open House
- Company Visit at Montessori School
- Car Show at Community Park 2
- Ride-A-Long

November

- Ride-A-Long
- Station Visit (12)
- Veteran's Day Ceremony
- Boy Scouts Station Visit
- American Canyon High School Visit
- Holiday Tree Lighting Ceremony
- Toys for Tots Toy Drive Begins
- Holiday Tree Lighting Ceremony

December

- Reindeer Run
- Snow Day
- Ride-A-Long
- Fire Extinguisher Training at Envirocare International
- Station Tour (2)
- Hands Only CPR at American Canyon High School
- Canyon Oaks Station Tour
- Kiwanis Season of Giving
- Station Tour
- Santa Sleigh



2018 PUBLIC EDUCATION



Canyon Oaks Elementary Station Tour



Read Across America – Canyon Oaks Elementary

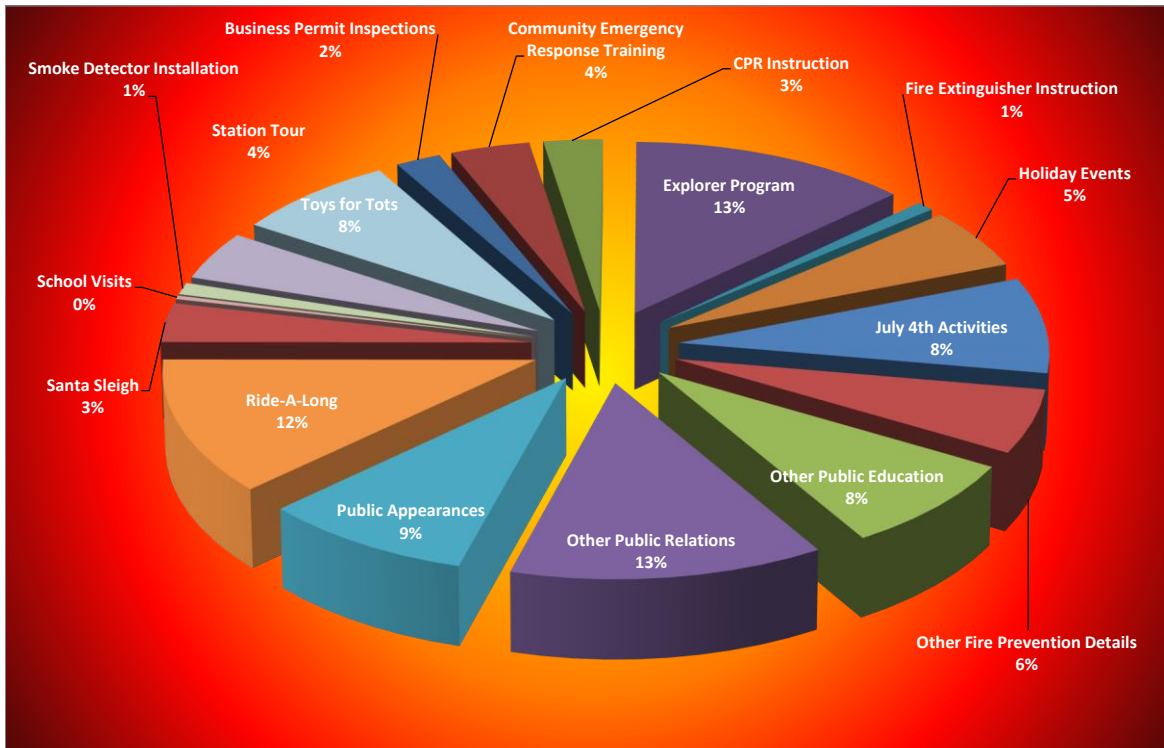


4th of July



Health Expo at American Canyon High School

2018 Public Education Events



| <i>ACTIVITIES</i> | <i>HOURS</i> |
|--|--------------|
| <i>Business Permit Inspections</i> | 20 |
| <i>Community Emergency Response Training</i> | 35 |
| <i>CPR Instruction</i> | 26 |
| <i>Explorer Program</i> | 123 |
| <i>Fire Extinguisher Instruction</i> | 8 |
| <i>Holiday Events</i> | 51 |
| <i>July 4th Activities</i> | 81 |
| <i>Other Fire Prevention Details</i> | 54 |
| <i>Other Public Education</i> | 77 |
| <i>Other Public Relations</i> | 124 |
| <i>Public Appearances</i> | 84 |
| <i>Ride-A-Long</i> | 114 |
| <i>Santa Sleigh</i> | 33 |
| <i>School Visits</i> | 3 |
| <i>Smoke Detector Installation</i> | 10 |
| <i>Station Tour</i> | 41 |
| <i>Toys for Tots</i> | 72 |
| TOTAL | 956 |

 **Apparatus Testing, Maintenance & Repair**

2018 Apparatus Maintenance and Repair Summary

| | | |
|------------------|-----------------------|------|
| Ambulance | 2008 Dodge Van | |
| | Total | \$ - |

| | | |
|---------------------|---|-----------|
| New Brush 11 | 2017 Ford Type 6 Wildland | |
| 2/26/2018 | Napa Auto Parts: Fuse | \$ 174.98 |
| 5/18/2018 | Hi-Tech EVS: Rewind Bracket | \$ 88.91 |
| 12/5/2018 | Napa Ford-Lincoln: Warranty Reductant tank, battery | \$ 0 |
| | Total | \$ 263.89 |

| | | |
|------------------|--|----------|
| Brush 211 | 1994 Dodge 3500 | |
| 1/3/2018 | Napa Auto Parts: Oil filter, Air Filter, Fuel Filter | \$ 88.73 |
| 7/6/2018 | Switch | \$ 14.60 |
| | Total | \$ 88.73 |

| | | |
|------------------|--|-------------|
| Engine 11 | 2013 Spartan Type 1 Pumper | |
| 1/8/2018 | Spartan motors: Seat Belt replacement | \$ 1,000.98 |
| 1/16/2018 | Scheduled service | \$ 1,137.97 |
| 1/19/2018 | Quinlan's Tire Service: replace tires, wheel balance | \$ 2,688.51 |
| 2/7/2018 | Hi-Tech Door Ajar Switch | \$ 304.41 |
| 2/8/2018 | ABS warning light repair | \$ 290.50 |
| 2/22/2018 | Hi-Tech EVS: Door switch | \$ 24.50 |
| 5/29/2018 | Repair air conditioner | \$ 555.59 |
| 9/25/2018 | Replace damaged tire | \$ 799.06 |
| 11/19/2018 | RB Mobile Diesel Testing: Smoke Test | \$ 45.00 |
| 11/19/2018 | Replace batteries | \$ 1,044.28 |
| 12/10/2018 | Burton's Fire: Pump Test | \$ 375.00 |
| | Total | \$ 8,265.80 |

| | | |
|-------------------|--|--------------|
| Engine 211 | 2004 American La France | |
| 2/13/2018 | Scheduled service | \$ 1,495.62 |
| 6/12/2018 | Replace engine head gasket | \$ 1,081.93 |
| 6/21/2018 | Repair hose | \$ 15.09 |
| 6/28/2018 | Replace primer motor & solinoid | \$ 344.22 |
| 9/7/2018 | Replace tires | \$ 1,923.59 |
| 9/10/2018 | Chassis batteries | \$ 391.59 |
| 9/10/2018 | Repair; no start (Replace computer module) | \$ 4,316.02 |
| 9/12/2018 | Ramirez Towing: Tow for repair | \$ 525.00 |
| 9/14/2018 | Cab door handle repair | \$ 224.52 |
| 11/19/2018 | RB Mobile Diesel Testing: Smoke Test | \$ 45.00 |
| 12/10/2018 | Burton's Fire: Pump Test | \$ 375.00 |
| | Total | \$ 10,737.58 |

| Engine 311 | 1996 HME 1871 Series | |
|-------------------|--------------------------------------|--------------------|
| 6/27/2018 | BWS: New battery | \$ 1,050.30 |
| 9/12/2018 | Napa Auto Parts: O-Rings, fittings | \$ 7.00 |
| 11/19/2018 | RB Mobile Diesel Testing: Smoke Test | \$ 45.00 |
| 12/10/2018 | Burton's Fire: Pump Test | \$ 375.00 |
| | Total | \$ 1,477.30 |

| Engine 411 | 2018 International HME | |
|-------------------|--|--------------------|
| 2/9/2018 | Riverview International: Air ride seat install | \$ 557.68 |
| 6/22/2018 | Replacement anode | \$ 80.81 |
| 8/31/2018 | Oil Change | \$ 219.73 |
| 12/10/2018 | Burton's Fire: Pump test | \$ 375.00 |
| | Total | \$ 1,233.22 |

| Rescue 11 | 2018 Pierce | |
|------------------|--|--------------------|
| 7/23/2018 | Tool mounting brackets | \$ 1,213.10 |
| 9/10/2018 | Golden State: Install customer airbag and holder | \$ 3,509.62 |
| | Total | \$ 4,722.72 |

| Truck 11 | 2005 American La France 75' Quint | |
|-----------------|--|--------------------|
| 1/24/2018 | Hi-Tech EVS: Conversion kit | \$ 202.87 |
| 2/5/2018 | Scheduled service, Air dryer service | \$ 1,124.61 |
| 4/17/2018 | Transmission repair | \$ 1,218.00 |
| 10/30/2018 | Napa Auto Parts: Grease (aerial) | \$ 30.92 |
| 11/19/2018 | RB Mobile Diesel Testing: Smoke Test | \$ 45.00 |
| 12/10/2018 | Burton's Fire: Pump Test | \$ 375.00 |
| 12/21/2018 | Curtis: Seal replacement kit | \$ 133.61 |
| | Total | \$ 3,130.01 |

| Water Tender 11 | 2013 International Water Tender | |
|------------------------|--|--------------------|
| 8/27/2018 | Repair PTO coupling | \$ 569.40 |
| 9/14/2018 | Hi-Tech EVS: Repair air auto eject | \$ 238.54 |
| 11/19/2018 | RB Mobile Diesel Testing: Smoke Test | \$ 45.00 |
| 12/10/2018 | Burton's Fire: Pump Test | \$ 375.00 |
| | Total | \$ 1,227.94 |

| Utility 11 | 2007 Ford 150 | |
|-------------------|---------------------------------|------------------|
| 2/3/2018 | Oil Changers: Oil Change | \$ 49.41 |
| 5/16/2018 | Quinlan's Tire Service - Repair | \$ 22.00 |
| 8/17/2018 | Brown's Auto Parts | \$ 38.19 |
| | Total | \$ 109.60 |

| Utility 211 | | |
|--------------------|--|------------------|
| 1/3/2018 | Napa Auto Parts: Oil filter, air filter, fuel filter | \$ 126.62 |
| | | \$ 126.62 |

| | | |
|--------------------|-----------------------|------|
| Utility 311 | 2001 Ford F250 | |
| | Total | \$ - |

| | | |
|-------------------|--------------------------|-----------|
| Chief 1100 | 2011 Ford F-150 | |
| 1/5/2018 | Oil Changers: oil change | \$ 56.04 |
| 5/10/2018 | Replace battery | \$ 155.03 |
| 11/19/2018 | Oil Changers: oil change | \$ 78.41 |
| 11/19/2018 | Smog Check | 31.75 |
| | Total | \$ 321.23 |

| | | |
|-------------------|-----------------------------------|-----------|
| Chief 1101 | 2016 Ford F-150 | |
| 11/12/2018 | Jiffy Lube: Oil change | \$ 129.36 |
| 12/12/2017 | Vista Ford Lincoln: Minor service | \$ 109.33 |
| | Total | \$ 238.69 |

| | | |
|------------|--|--------------|
| | Equipment Repair/Maintenance | |
| 1/5/2018 | Amazon: Endura Battery Charger for portal radio | \$ 85.50 |
| 3/6/2018 | Duo Safety: Rung reamer tool, aluminum rung | \$ 178.35 |
| 3/8/2018 | Holmatro hydraulic tool service multiple sized pumps, spreader core, cutter core, ram core, spreader twin, cutter twin, hand line, hydraulic fluid | \$ 2,441.73 |
| 3/20/2018 | Deft 25 DSL EXH Fluid | \$ 71.46 |
| 5/7/2018 | Duo Safety: Lock housing & repair kit | \$ 37.24 |
| 5/31/2018 | Quarterly Air Compressor Test | \$ 150.00 |
| 6/13/2018 | Replace Fire Hose 5" LDH | \$ 6,634.44 |
| 6/22/2018 | Replace Gas Monitors, charger, flow regulator | \$ 8,110.39 |
| 6/28/2018 | Power Industries: Grease cartridge | \$ 76.84 |
| 7/13/2018 | Replace fire hose 2.5", 1.5", 1.5", 2.5", 1.5" | \$ 7,694.43 |
| 8/24/2018 | Replace 4500 PSI air cylinders | \$ 16,267.56 |
| 10/31/2019 | Replace Breathing Air Compressor | \$ 49,928.34 |
| 11/12/2018 | Hi-Tech EVS Inc Hurst Repair | \$ 518.25 |
| 12/28/2018 | Vallen Pelican Case | \$ 66.81 |
| | Total | \$ 92,261.34 |

| | | |
|-------------|---------------------------|-----------|
| Boat | 2002 Zodiac Futura | |
| 2/28/2018 | Generator | \$ 241.00 |
| 3/30/2018 | Starter motor | \$ 188.08 |
| | Total | \$ 429.08 |

| | | |
|-----------------|----------------------------|----------------------|
| Staff 11 | 2015 Hyundai Tucson | |
| 2/3/2018 | Oil Changers: oil change | \$ 47.91 |
| | Total | \$ 47.91 |
| | Grand Total | \$ 127,392.49 |



In July the District re-acquired a 1955 White/Van Pelt fire engine that was in service for many years starting from the formation of the District.



The District's new 2018 Pierce "Heavy Duty Rescue" was delivered on July 2nd. This apparatus procurement was made possible by the Federal Assistance to Firefighters ("AFG") Grant Program. The 2018 Pierce "Heavy Duty Rescue" ("HDR") will replace a 28 year old apparatus; "Rescue 11."

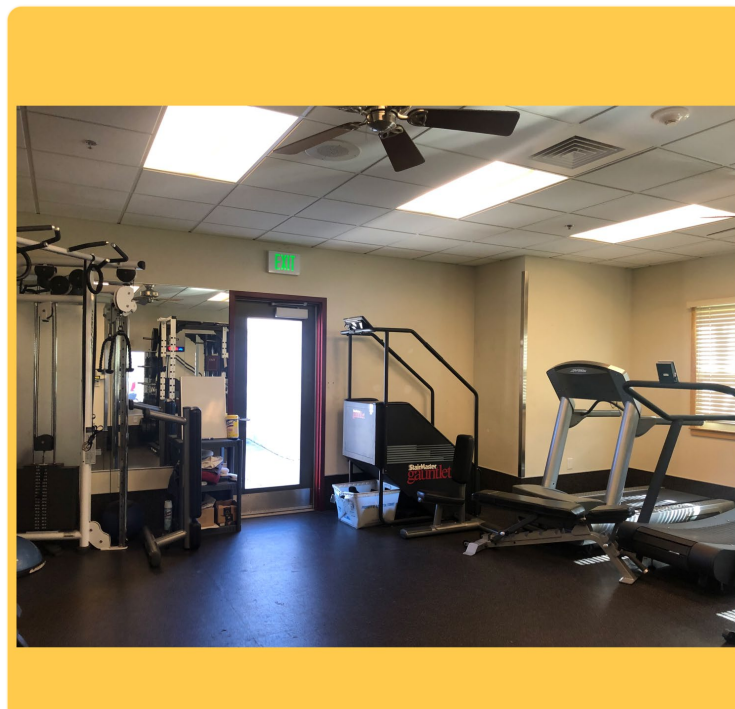
 2017 Facilities Maintenance Summary

911 Donaldson Way

| Date | Company | Item | Amount | Remarks |
|--------------|--|---|--------------------|---------------------------|
| 1/1/2018 | Tri-Signal | Central station monitoring | \$ 60.00 | 50/50 Bill total \$120.00 |
| 1/1/2018 | Peterson Mechanical | HVAC Maintenance | \$ 550.00 | |
| 1/3/2018 | Auto parts | Shop supplies | \$ 75.87 | |
| 1/4/2018 | Emergency power systems | Service 15kw Genset | \$ 434.75 | |
| 1/5/2018 | Fire station outfitters | Replace furniture | \$ 4,363.88 | |
| 1/24/2018 | Clark | Pest Control | \$ 105.00 | 50/50 Bill Total \$210.00 |
| 1/29/2018 | Promaxima | Fitness equipment | \$ 595.67 | |
| 2/6/2018 | Costco | Replace washing machine | \$ 1,506.86 | |
| 2/21/2018 | Afforda-test | Vapor recovery test | \$ 326.00 | 50/50 Bill total \$978.00 |
| 3/5/2018 | Peterson Mechanical | HVAC Maintenance | \$ 250.00 | |
| 3/7/2018 | Napa valley roofing | Repairs | \$ 350.00 | 50/50 total \$525.00 |
| 3/19/2018 | Clark | Pest Control | \$ 105.00 | 50/50 Bill total \$210.00 |
| 3/21/2018 | R&S Erection of Vallejo | Apparatus Bay door repair | \$ 2,515.00 | |
| 3/27/2018 | Emergency power systems | Quarterly inspection150w power system | \$ 302.15 | |
| 4/1/2018 | Tri-Signal | Central station monitoring | \$ 60.00 | 50/50 Bill total \$120.00 |
| 4/26/2018 | Fitguard | Fitness Equip Maintenance | \$ 145.00 | |
| 4/30/2018 | Clark | Pest Control | \$ 105.00 | 50/50 Bill Total \$210.00 |
| 5/10/2018 | Air Exchange | Vehicle exhaust removal (Plymovent) service | \$ 623.60 | |
| 5/29/2018 | Clark | Pest Control | \$ 210.00 | 50/50 Bill Total \$420 |
| 6/6/2018 | Tri-Signal | Alarm System Repair | \$ 350.00 | 50/50 Bill Total \$700 |
| 6/22/2018 | Bay area Air Quality Management District | Permit | \$ 215.00 | |
| 6/28/2018 | Clark | Pest control | \$ 105.00 | 50/50 Bill Total \$210.00 |
| 7/1/2018 | Tri-Signal | Central Station Monitoring | \$ 60.00 | 50/50 Bill total \$120.00 |
| 7/31/2018 | Clark | Pest Control | \$ 105.00 | 50/50 Bill Total \$210.00 |
| 8/24/2018 | Clark | Pest Control | \$ 105.00 | 50/50 Bill Total \$210.00 |
| 8/27/2018 | Fitguard | Fitness equip Maintenance | \$ 145.00 | |
| 8/28/2018 | Peterson Mechanical | HVAC Maintenance | \$ 250.00 | |
| 9/20/2018 | R&S Erection of Vallejo | Repair key pad and key fobs | \$ 419.00 | |
| 10/5/2018 | Emergency power systems | Quarterly inspection150w power system | \$ 1,250.00 | |
| 10/30/2018 | Clark | Pest Control | \$ 105.00 | 50/50 Bill total \$210.00 |
| 11/8/2018 | Zeco Electric | Installation of Compressor | \$ 2,260.00 | |
| 11/9/2018 | Fitguard | Preventative Maintenance | \$ 145.00 | |
| 11/27/2018 | Air Exchange | Vehicle Exhaust removal system repair | \$ 1,092.60 | |
| 12/18/2018 | Clark Pest Control | Pest Control | \$ 105.00 | 50/50 Bill total \$210.00 |
| Total | | | \$19,395.38 | |

225 James Road

| | | | |
|--------------|-------------------------|--|---------------------|
| 1/4/2018 | Emergency power systems | Annual Service 15kw | \$ 434.75 |
| 2/21/2018 | Afforda-Test | Vapor Recovery Testing Above Tank | \$ 326.00 |
| 3/21/2018 | R&S Erection | Install garage door openers | \$ 2,515.00 |
| 3/27/2018 | Emergency power systems | Quarterly inspection 15kw standby power system | \$ 255.73 |
| 5/15/2018 | Napa County Planning | Permit | \$ 645.00 |
| 5/21/2018 | Emergency power systems | Replace Battery Bank | \$ 602.78 |
| 6/4/2018 | Bay Area Air Quality | Permit renewal | \$ 215.00 |
| 7/31/2018 | Per Reso 2018-12 | Overlay of Parking Lot at James Road | \$ 48,709.00 |
| 9/12/2018 | R&S Erection | Liftmaster roller | \$ 24.00 |
| Total | | | \$ 53,727.26 |



The gym at 911 Donaldson Way E.

