

**2018
Annual Report**



2018 ANNUAL REPORT



MIKE STEIN, FIRE CHIEF

"Individual commitment to a group effort – that is what makes a team work, a company work, a society work, a civilization work."

-Vince Lombardi

MESSAGE FROM THE FIRE CHIEF

On behalf of the dedicated men and women of the Cities of Del Mar, Encinitas and Solana Beach Fire Departments, it is my pleasure to share our 2018 Annual Report with you. We have achieved many accomplishments in the last year and will highlight some of our future projects.

Just like the prior year, 2018 was a challenging year for the California Fire Service. Our departments responded to and assisted our Federal, State and local fire agencies with 61 personnel for 185 days to 25 wildland fires, as well as hurricane relief efforts in Hawaii. Our agencies will receive over \$979,000 in reimbursements for the services performed on these incidents.

Over the last year, we have made some significant progress within the Departments. We fully opened the new Marine Safety Center in Encinitas. This state-of-the-art building includes a larger first aid room, a sheriff's desk, advanced dispatching capabilities, and a multi-level observation space, which includes a 360-degree deck allowing our lifeguards a much larger viewshed.

We added an Administrative Battalion Chief position responsible for training, safety and disaster preparedness. Battalion Chief Jim Mickelson assumed this position and has already hit the ground running to improve our productivity. We also made significant improvements in a new automated dispatch system, new mobile data computers in all of our apparatus, and we are currently replacing all of our outdated radios.

All of these improvements are done for one simple reason - to improve our service to you. Everyone in our organization is committed to service, and we do not take that commitment to you lightly. We are here for you, every second of every day.

Lastly, I want to take the time to properly recognize our members who deliver our stellar service. From our lifeguards that protect our beaches, to our fire prevention staff that makes our communities a safer place to live and play, to our administrative staff that makes sure our organization is running efficiently and effectively, and to our firefighters that respond at a moment's notice in someone's time of need -Thank You.

Collectively, each person's commitment to this team effort made 2018 a successful year and made our communities safer for everyone!

At Your Service,

Mike Stein

Fire Chief

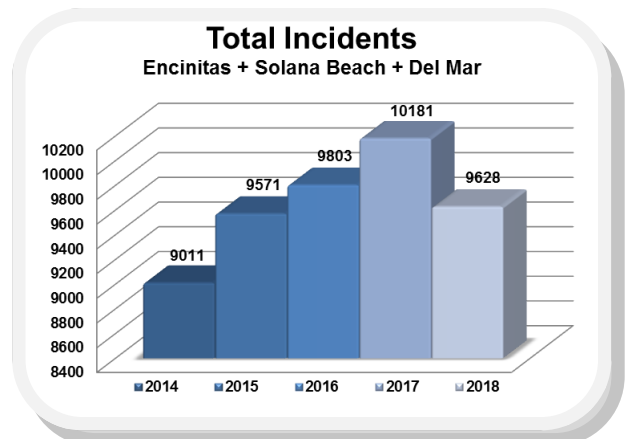


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MISSION, VISION, AND VALUES

MISSION STATEMENT

“Proudly committed to providing the highest level of service to our communities and the people we serve, by protecting life, property and the environment.”

VALUE STATEMENT

Compassion, Courage, and Commitment with P.R.I.D.E.

- **P**rofessionalism
- **R**espect
- **I**ntegrity
- **D**edication
- **E**xcellence

VISION

To preserve the trust of our citizens through professionalism, customer service, and a commitment to excellence, while being responsive to the changing needs of our communities.

MOTTO

“Committed to Excellence, Focused on Community”

ENCINITAS, SOLANA BEACH, & DEL MAR

BY THE NUMBERS

Total Land Area

24.8 sq. miles

Total Population

79,696

Total # of Stations

8

Total # of FTE's

100

Sworn Personnel

1 Fire Chief
1 Deputy Fire Chief
4 Battalion Chiefs (1SOL)
27 Fire Captains
24 Fire Engineers
27 Firefighter/Paramedics

Fire Administration

1 Sr. Management Analyst
1 Management Analyst
1 Dept. Admin Coordinator
1 Admin Assistant (SOL)
1 EMS Coordinator

Fire Prevention

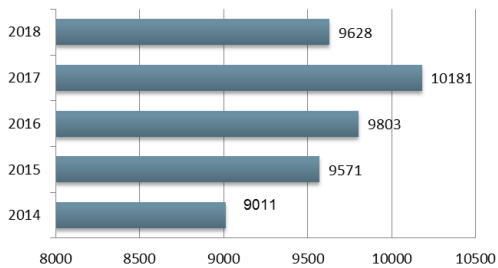
1 Fire Marshal
1 Sr. Deputy Fire Marshal
2 Deputy Fire Marshals
1 Fire Inspector (SOL)
1 Program Assistant

Marine Safety

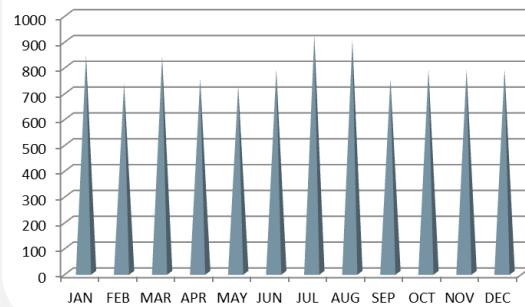
1 Captain
1 Lieutenant
3 Sergeants

INCIDENT STATS

Total Incidents
Encinitas + Solana Beach + Del Mar

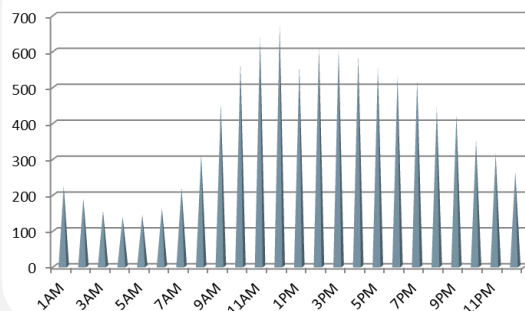


Incidents by Month

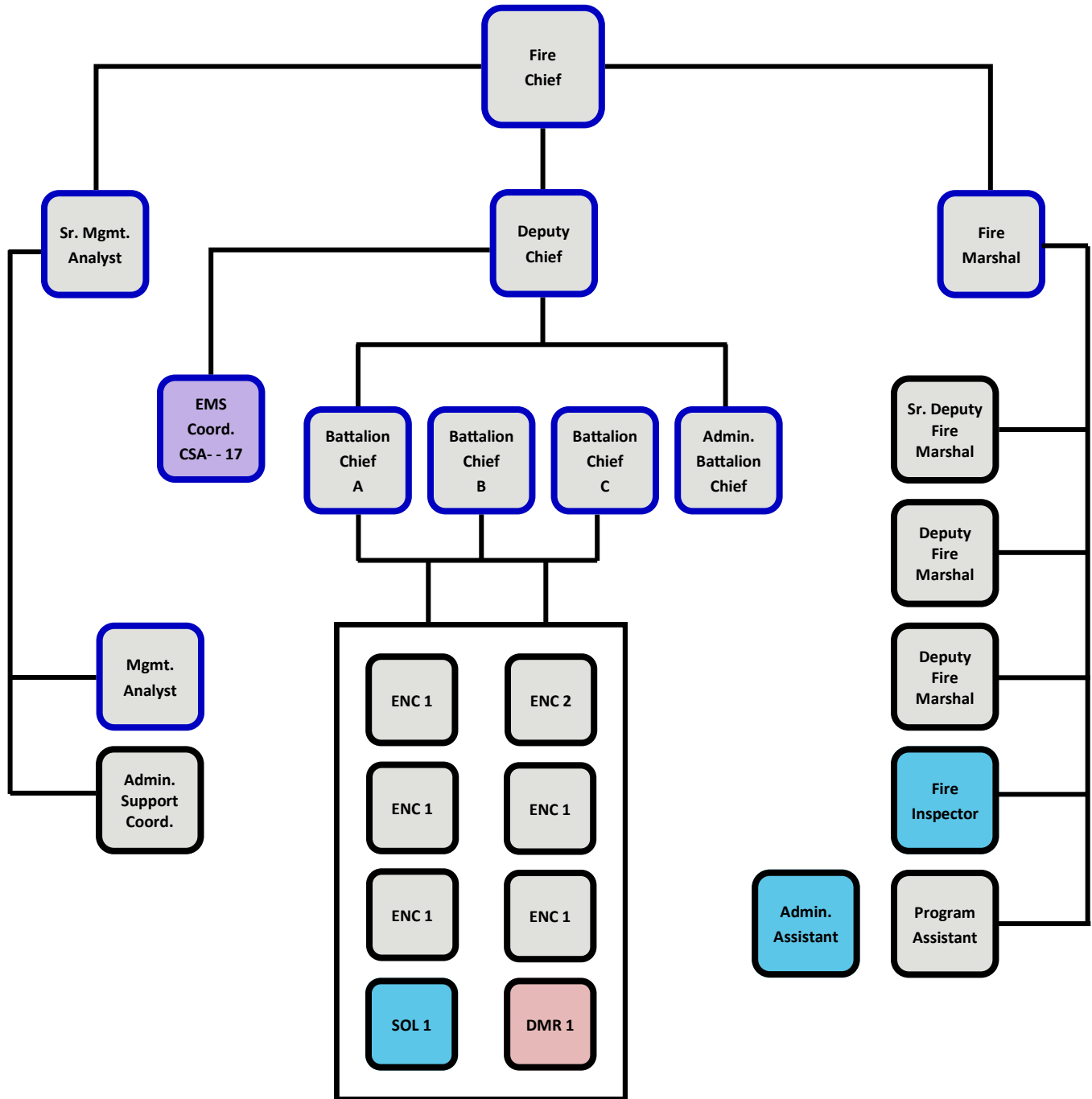


Auto Aid Received Incidents——603
Auto Aid Given Incidents——2,182
Average Response Time——5 min 37 sec
(turnout + drive time)
Training Hours Logged (2018)——27,525

Incidents by Time of Day



FIRE DEPARTMENT ORGANIZATIONAL CHART



LEGEND

	Shared All	Not Shared
Encinitas		
Solana Beach		
Del Mar		
CSA—17		

ENCINITAS SNAPSHOT

Land area = 19.6 square miles

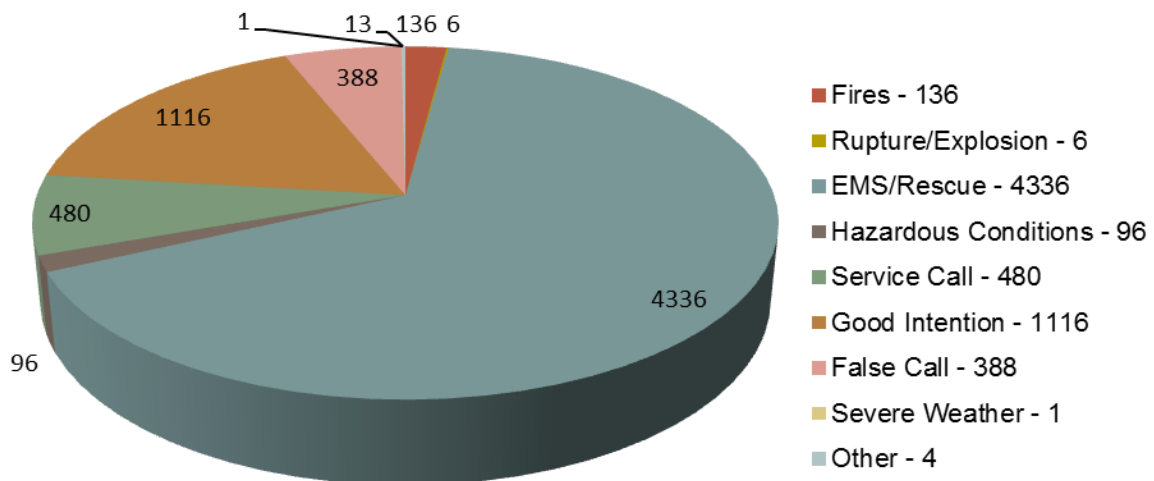
Population = 61,928

of Stations = 6

of Firefighters = 51

2018 EMERGENCY RESPONSES

TOTAL = 6,572



Average Response Time = 5 min 45 sec

Structure Value Loss = \$1,315,531

Structure Value Saved = \$19,984,481

SOLANA BEACH SNAPSHOT

Land area = 3.4 square miles

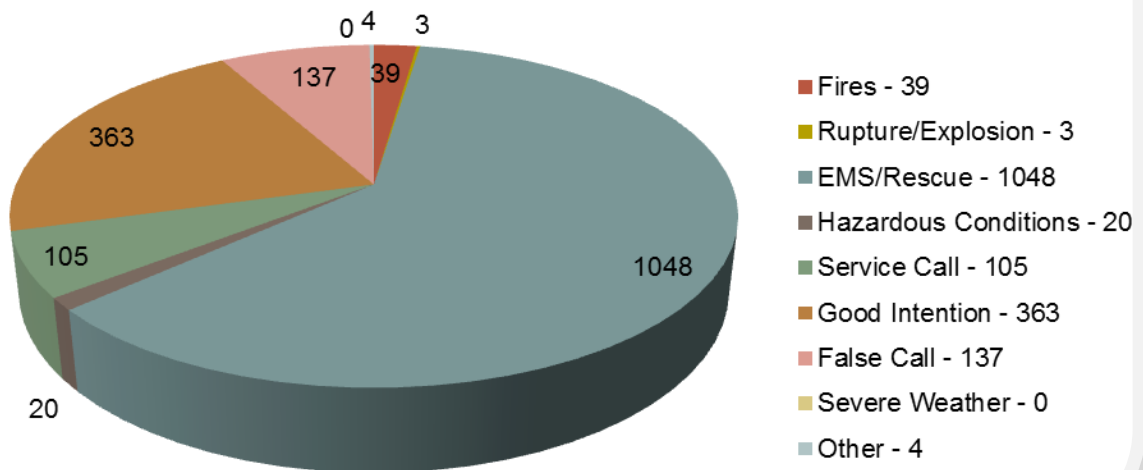
Population = 13,494

of Stations = 1

of Firefighters = 18

2018 EMERGENCY RESPONSES

TOTAL = 1,719



Average Response Time = 5 min 11 sec

Structure Value Loss = \$10,000

Structure Value Saved = \$1,055,000

DEL MAR SNAPSHOT

Land area = 1.8 square miles

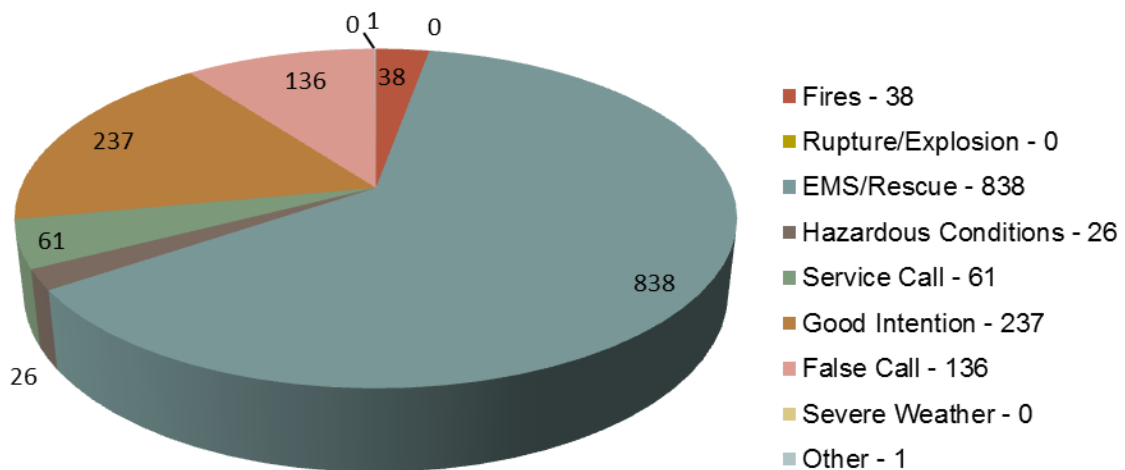
Population = 4,214

of Stations = 1

of Firefighters = 9

2018 EMERGENCY RESPONSES

TOTAL = 1,337



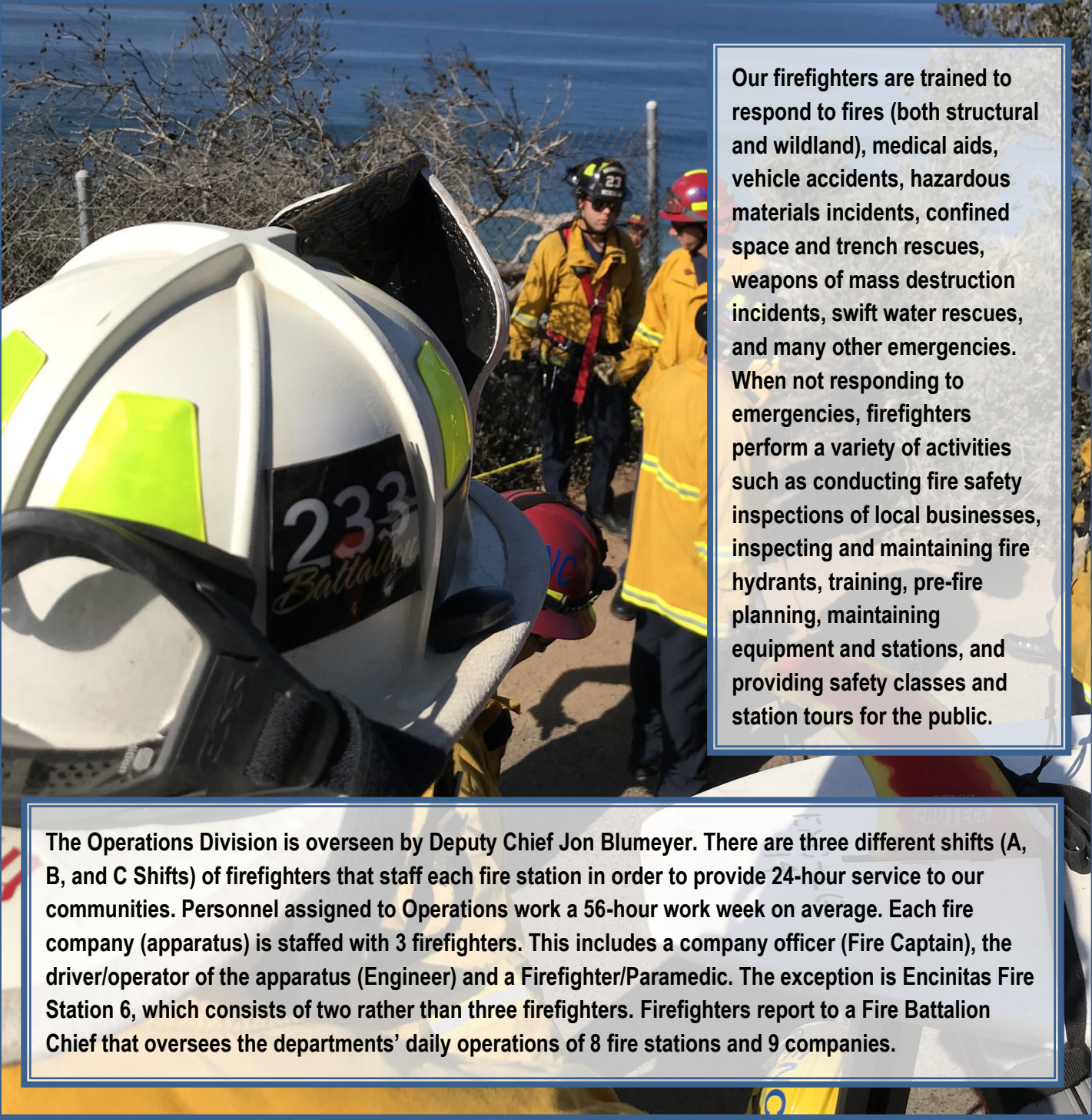
Average Response Time = 5 min 50 sec

Structure Value Loss = \$258,000

Structure Value Saved = \$7,058,000

OPERATIONS

Our service area is covered by 8 fire stations strategically located throughout our 3 cities to provide “round-the-clock” coverage to our communities. 6 stations are located in Encinitas. The Cities of Solana Beach and Del Mar each have 1 station. These fire stations house the departments’ 81 fire suppression personnel (including Battalion Chiefs), 6 type-1 structural firefighting engines, 4 reserve engines, 2 truck companies, 2 type-3 brush engines and 1 type-6 fire engine. Our paramedic ambulance provider, AMR, also houses 4 ambulances in our fire stations.

A photograph of firefighters in yellow gear standing near a fire engine with a white helmet in the foreground. The helmet has the number 233 and the word Battalion on it. The background shows a blue sky and some trees.

Our firefighters are trained to respond to fires (both structural and wildland), medical aids, vehicle accidents, hazardous materials incidents, confined space and trench rescues, weapons of mass destruction incidents, swift water rescues, and many other emergencies. When not responding to emergencies, firefighters perform a variety of activities such as conducting fire safety inspections of local businesses, inspecting and maintaining fire hydrants, training, pre-fire planning, maintaining equipment and stations, and providing safety classes and station tours for the public.

The Operations Division is overseen by Deputy Chief Jon Blumeyer. There are three different shifts (A, B, and C Shifts) of firefighters that staff each fire station in order to provide 24-hour service to our communities. Personnel assigned to Operations work a 56-hour work week on average. Each fire company (apparatus) is staffed with 3 firefighters. This includes a company officer (Fire Captain), the driver/operator of the apparatus (Engineer) and a Firefighter/Paramedic. The exception is Encinitas Fire Station 6, which consists of two rather than three firefighters. Firefighters report to a Fire Battalion Chief that oversees the departments’ daily operations of 8 fire stations and 9 companies.

TRAINING AND SAFETY

The purpose of our Training Division is to provide a reliable, up-to-date source of educational and practical information to both our personnel as well as the public. The Training Division is responsible for:

- Providing federal, state, and regional mandated training
- Ongoing lecture and “hands-on” skills training
- Developing/implementing all new hire testing
- Developing/implementing all promotional testing
- Developing/implementing all probationary step testing
- Organizing the Management Academy



2018 Training Hours

Encinitas = 18,328

Solana Beach = 6,105

Del Mar = 3,092

Total = 27,525 hrs

TRAINING AND SAFETY



Multi-Company Drills in 2018:

- Hazardous Materials Training
- Live Fire Training
- High Angle Rescue Drill
- Confined Space Drill
- Trench Rescue Drill
- County Wildland Drill
- Rapid Intervention Crew/Communications/MAYDAY drill with live fire
- Del Mar Fairgrounds ferris wheel rescue drill
- Swift Water Training

2018 Accomplishments:

- Added Administration Battalion Chief position responsible for Training, Safety, and Disaster Preparedness
- Staff rides with Battalion Chiefs for aspiring/acting Battalion Chiefs
- 1 new hire academy
- Engineers test
- Cancer prevention training
- Annual training for all fire personnel with San Diego Gas and Electric
- Annual drivers, ventilation, rescue, hose lay, VHF radio, and command training
- 4X4 off road drivers training
- Annual Leadership training
- Trained all crews on the new Patrol 239
- 3 active shooter drill with Sheriffs
- Active shooter drill with North County Transit District
- Mutual Threat Zone Training with Cal Fire
- CPR in the schools—7 classes teaching over 5,000 kids

EMS



The EMS Division delivers state of the art pre-hospital medical care to our residents and visitors in their time of critical need. This includes rapid response to the emergency, assessing the sick and injured, and providing rapid care and stabilization for transport to an emergency care facility.

Each firefighting team is staffed with at least one paramedic. These trained and licensed paramedics carry a multitude of medications and treatment modalities that literally bring emergency room care to the patient's living room.

Our EMS system is part of County Service Area 17 (CSA-17).

CSA 17 consists of:

- Del Mar
- Del Mar Heights
- Solana Beach
- Encinitas
- Rancho Santa Fe
- Portions of Elfin Forest

Ambulance service is provided through American Medical Response (AMR). AMR ambulances are stationed at Solana Beach Station 1, Encinitas Station 2 and Encinitas Station 5.



In an effort to increase survival rates of cardiac arrest in our area, the Fire Department worked with the San Dieguito Union High School District to teach 7th graders hands-only CPR.



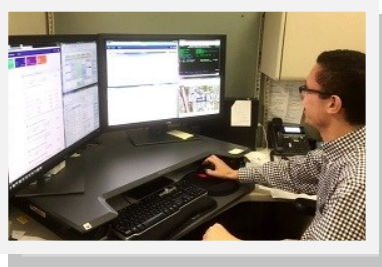
FIRE PREVENTION

The goal of the Fire Prevention Division is to reduce the risks of fire and life safety for our community and firefighters. Fire Prevention oversees the business inspection and weed abatement programs, and enforces hazardous materials storage/use and disposal laws. Fire Prevention also manages all facility improvements and planning. Fire Prevention is also responsible for processing plan checks of new construction and remodel projects within each city, and performing acceptance inspections of fire sprinklers (commercial/residential) and special hazards systems for new and remodel developments.

MAJOR ACCOMPLISHMENTS 2018

New Processes/ Programs

Encinitas Fire Prevention began processing Fire Operational Permits, such as tent permits using the automated EnerGov system. The paperless system will increase efficiency and reduce waste.

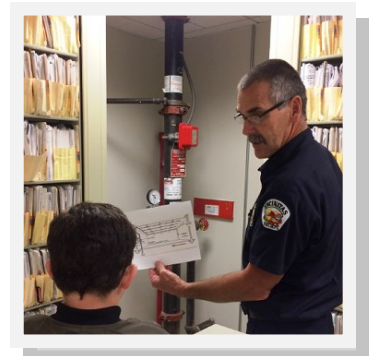


Succession Planning

Succession planning for the future of community risk reduction is important. Fire Prevention staff attended the SDUHSD College and Career Night, as well as the San Dieguito Academy Career Fair. This outreach opportunity provides our future leaders to explore a career in the fire service.

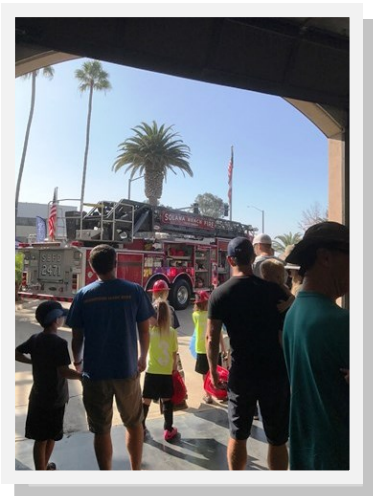
Vegetation Management

- Proactive approach
 - ◇ Website and Social Media
 - ◇ Plan review
 - ◇ Perform safety assessments
 - * Home Owners Associations
 - * County Parks - San Elijo Lagoon
- Inspections and Enforcement
 - ◇ Complaints and Violations
 - * Attained 100% Compliance



FIRE PREVENTION

MAJOR ACCOMPLISHMENTS 2018



Public Education

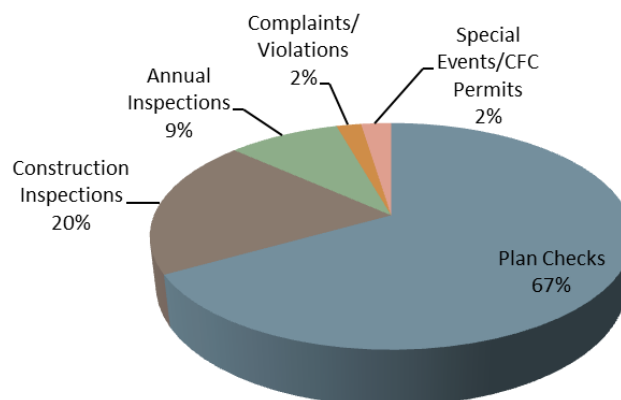
- Wildfire Community Preparedness
- Wildfire Preparedness & Evacuation Route Information Mailer to 1,320 properties
- Fire and Water Safety at the San Diego Botanical Gardens
- Smoke Alarm Fire Safety Challenge
- #HomeFireSprinklerDay

National Fire Prevention Week

National Fire Prevention Week was celebrated with an Open House at ENC Station 5 and SOL Station 1. This was a great educational opportunity for all ages.



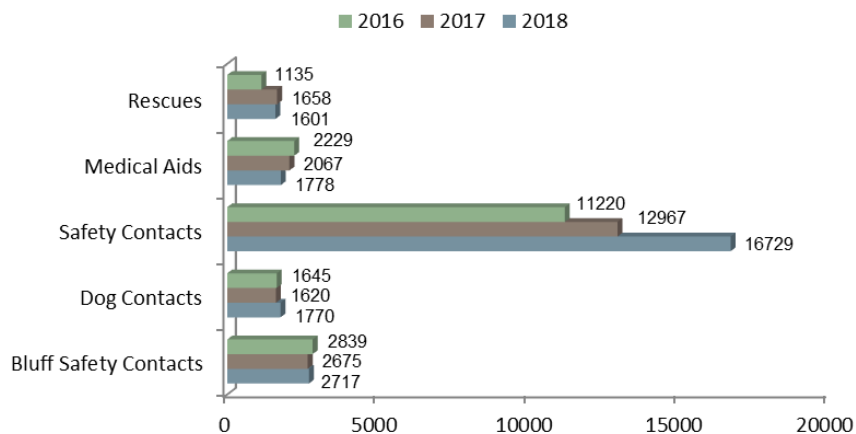
Major Functions of Fire Prevention



MARINE SAFETY

The Marine Safety Division is responsible for providing beach safety services for the 3.5 miles of coastline at Encinitas owned or operated beaches. In 2018, this division was staffed with 1 Marine Safety Captain, 1 Lieutenant, 3 Sergeants, and 62 seasonal lifeguards. Traditional services include swiftwater rescue, surf, open, under-water and cliff rescues, medical aids, mitigation of safety hazards on the beach, and providing safety information to the public. The City's Junior Lifeguard Program is also coordinated by the Marine Safety Division; instruction and operation for this program is provided by City ocean lifeguards.

STATISTICS



2018 HIGHLIGHTS



1,235 Jr. Lifeguards

The Jr. Lifeguard Program teaches children ocean rescue techniques, beach first aid, and the use of rescue boards and lifeguard equipment.



Boat Run Aground

At 3am, this sailboat was taking on water, ran out of gas, and finally ran aground just to the south of Beacons Beach. The people on board were ok, and the lifeguards were left with the challenge of how to remove the boat. Local contractors were brought in to help with their heavy equipment, and removed the vessel from the beach.

FIRE ADMINISTRATION

The Administrative Division is comprised of 6 full time employees: the Fire Chief, Deputy Fire Chief, Senior Management Analyst, Management Analyst, Administrative Support Coordinator, and Administrative Assistant (funded & located in Solana Beach). This Division provides management, direction, and administrative support for all 3 departments, conducts long-range planning, prepares the budget, provides fiscal analysis of departments' activities, and pursues grants to purchase needed equipment and fund educational programs. In addition, the Fire Administration Division is responsible for managing all 3 cities' emergency management/disaster preparedness programs and conducting emergency planning. The Encinitas Lifeguard Captain also works in the administrative offices. In October 2009, the cities of Encinitas, Del Mar, and Solana Beach entered into a Cooperative Fire Management Services Agreement. Through this agreement, Encinitas and Solana Beach senior fire staff provide operational oversight for the Encinitas, Del Mar, and Solana Beach Fire Departments. Duties include: supervising fire suppression operations and emergency medical services by shift battalion chiefs; emergency management; fire prevention activities; purchasing of materials, supplies, and fire equipment; management of services contracts; and administrative functions.

EMERGENCY PREPAREDNESS

- **EOC:** The Emergency Preparedness Division manages the implementation of the Emergency Operations Center (EOC), which is activated during a local emergency or natural disaster, and coordinates EOC training for all City staff.
- **Drills:** The Division coordinates exercises such as the Great Shakeout (earthquake drill) and EOC exercises to ensure all City employees are knowledgeable of what actions to take in the event of an emergency.
- **Public Education:** The division promotes emergency preparedness through social media platforms and provides several pages of information on the City's website to educate the public on how to prepare for emergencies.
- **The Community Emergency Response Team (CERT) Program:** To prepare residents for a catastrophic disaster, the Fire Department started a CERT program in 2004. This program teaches citizens basic emergency skills and trains them to respond effectively to disasters as part of a team. The program includes special training for basic fire suppression and medical care. Volunteers also learn how to size-up search and rescue situations, such as a collapsed building, to determine whether it is safe to go in. The classes are taught by firefighters or by CERT volunteers certified to teach some of the course modules. At the end of the course, the students respond to a mock emergency to give them a chance to put their skills to good use.

NEW HIRES



Jed Gloger
Program Assistant
Encinitas

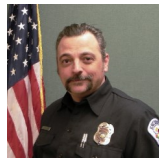


Lois Yum
Management Analyst
Encinitas

PROMOTIONS



Jeremy Armstrong
Engineer
Encinitas



Damian Guilliani
Engineer
Encinitas



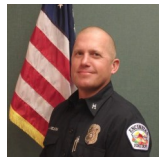
Kyle Menzies
Engineer
Encinitas



Chad Delude
Captain
Encinitas



Toby Lehman
Captain
Encinitas



Jesse Nelson
Captain
Encinitas



Jon Peterson
Captain
Encinitas



Terry Chiros
Battalion Chief
Encinitas

RETIREMENTS



Jim Bingham
Captain
Del Mar



Greg Wright
Captain
Solana Beach



Jim Miller
Engineer
Encinitas

STRIKE TEAMS

Encinitas

30 assignments

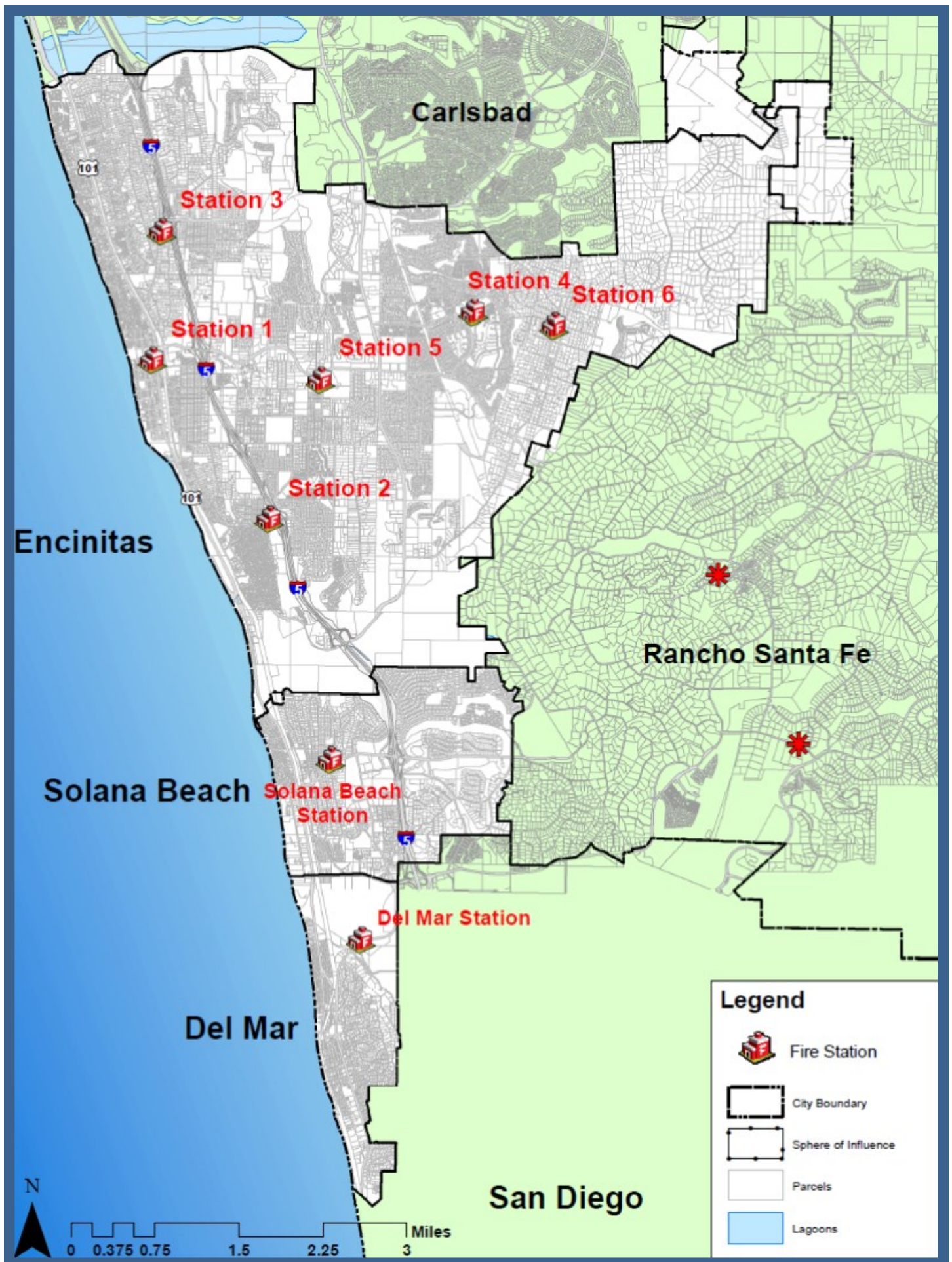
17 different fires

Solana Beach

9 assignments

8 different fires





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