

**2019 MYRTLE BEACH FIRE DEPARTMENT  
ANNUAL REPORT**



## MESSAGE FROM THE CHIEF

Thank you for taking time to read our 2019 annual report. As this document illustrates, our department is more than just your average fire department. Everyday the professional men and women that make up this organization strive to provide the best possible service to our community and do so in a multitude of ways. As we move into the new decade, rest assured that the Myrtle Beach Fire Department will continue to honor the legacy of those that came before us in a positive manner, we will always provide the best customer service possible, and we will strive to make our community the safest we can.

Thomas M. Gwyer, MS, EFO

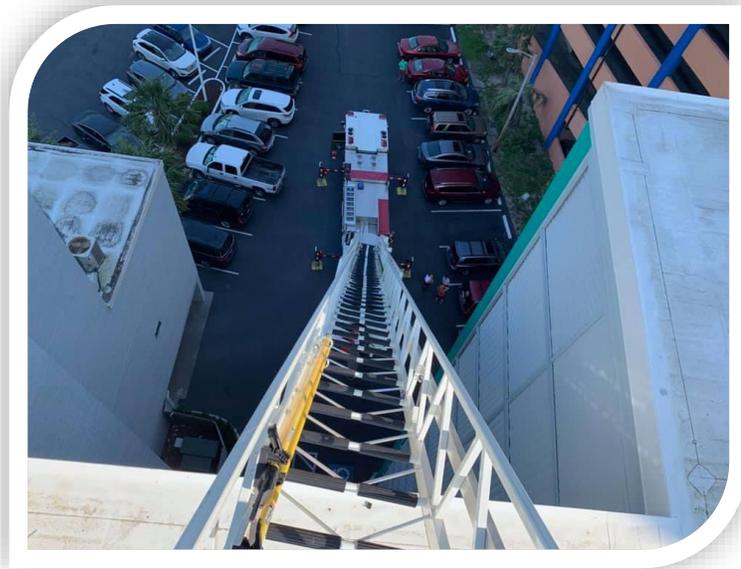
Fire Chief



### Mission Statement:

**The Myrtle Beach Fire Department is an **E**lite team. We are **A**ccountable, **R**espectful, and **P**roud to honor this **N**oble profession with **I**ntegrity and **T**rust. This earns us the privilege to provide outstanding service to all!**

***EARN IT'***



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### **Myrtle Beach Fire Department**

The Myrtle Beach Fire Department was created as a volunteer effort in the year 1936. Today, our Department has emerged into one of the most outstanding ISO Class 1 Fire Protection Branches in the United States.

#### **Our Principal Goals are:**

- **Life Safety**
- **Incident Stabilization**
- **Property Conservation**

Our Diverse City consists of approximately 17 square miles of land that includes a combination of High Rise Hotels, Residential Neighborhoods, Commercial and Industrial Buildings, Highways, the Intracoastal Waterway, and Beach Access to the Atlantic Ocean. Our population exceeds 33,000 year round residents with more than 15 million tourists visiting annually. Our community has been named one the fastest growing communities in the country.

Myrtle Beach Fire responds to nearly 15,000 service calls per year! Our more than 180 personnel are made up of the most qualified and highly trained First Responders in the Nation. These dedicated men and women help staff 6 strategically placed Fire Stations and 1 Administrative Office.

**Myrtle Beach Fire provides a variety of valuable services including:**

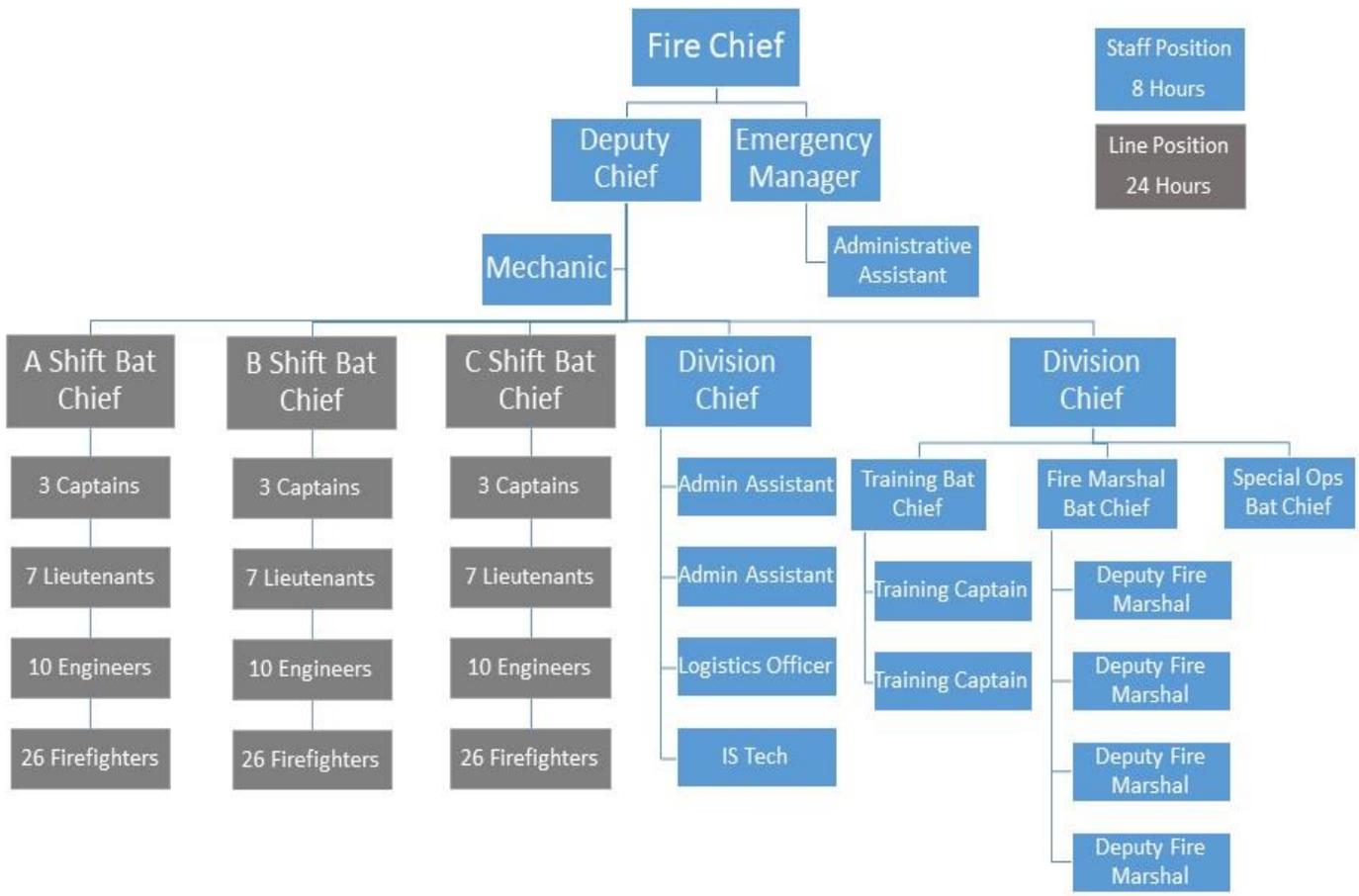
Fire Suppression, Emergency Medical Treatment and Transport, Vehicle Extrication, Elevator Rescue, Rope Rescue, Confined Space, Urban Search and Rescue, Water Rescue / Beach Patrol, Hazardous Materials Response, and Fire Prevention/Public Safety (car seats, smoke detectors, special event coverage).

**Specialty teams hosted by the Myrtle Beach Fire Department include:**

Honor Guard, Regional USAR team, Regional WMD team, FEMA Type-III Incident Management Team, SC COPE, Peer Support/Counseling.



<b>Myrtle Beach Fire Department Fiscal Year 2020 Budget</b>		
<b>Division</b>	<b>Amount</b>	<b>Percent of Total</b>
Administration (350)	\$1,165,402	6.6%
Emergency Services (360)	\$15,273,866	86.7%
Technical Services (365)	\$1,027,536	5.8%
Emergency Management (370)	\$160,040	0.9%





## **Emergency Services Division – Deputy Chief Ian Maxwell**

The primary function of the Emergency Services Division is to carry out the mission of the fire department by delivering outstanding customer service to our citizens in a cost effective and professional manner. This process is systematically executed with a staff of 153 highly trained firefighting professionals. The Emergency Services Division is managed by one Deputy Chief and three line Battalion Chiefs. The Battalion Chiefs are assigned to one of three shifts, which operate on a 24 hour basis. The shift's schedule follows a 24 hours on and 48 hours off rotation.

There are numerous tasks carried out each day by the Emergency Services Division members, but some of the primary responsibilities are: responding to normal emergencies, responding to special operation incidents (Hazmat, Technical Rescue), handling non-emergency situations (smoke detector checks, public education events, car seat installations), conducting training, and attending community events. When the emergency services staff are not mitigating emergency calls, they are carrying out required administrative duties (training, fire inspections, pre-incident planning), as well as performing general maintenance and upkeep on the department's vast inventory of equipment.



During 2019 the Emergency Services Division was kept busy with Emergency requests for service. As a whole, the department responded to 14,453 calls for service. The chart below demonstrates how the calls were distributed by call type:

Call Types as a Percentage of Total Call Volume:

300 Series – Medical Calls, MVAS, Elevator Rescues, Water Rescues – 64.23%

500 Series – Service Calls, Public Service Assistance – 11.63%

700 Series – Fire Alarms – 11.60%

600 Series – Good Intent Call, Unfounded Emergencies - 9.26%

100 Series – Fires of all Types – 1.91%

400 Series – Hazardous Materials Incidents – 1.09%

900 Series – Special Incidents – 0.19%

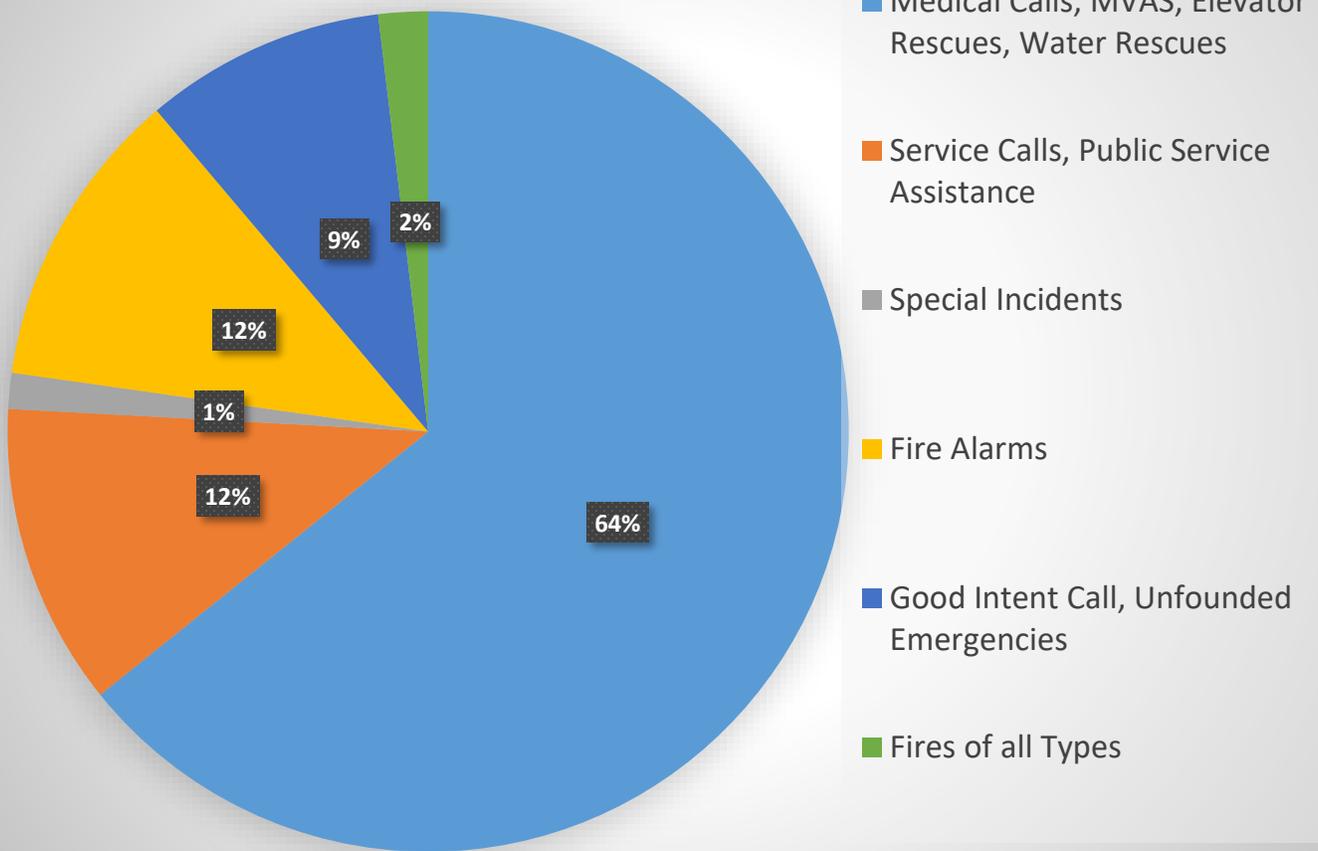
200 Series – Explosions, Ruptures, Overpressures, Overheat motors (All without fire) – 0.08%

800 Series – Natural Disasters, Severe Weather – 0.01%

Call Type	Number of Incidents
Medical Calls, MVAS, Elevator Rescues, Water Rescues	9,283
Service Calls, Public Service Assistance	1,681
Fire Alarms	1,676
Good Intent Call, Unfounded Emergencies	1,339
Fires of all Types	275
Hazardous Materials Incidents	158
Special Incidents	28
Explosions, Ruptures, Overpressures, Overheat (All without fire)	12
Natural Disasters, Severe Weather	1
<b>Total</b>	<b>14,453</b>

Structure Fires (111)		Other type fires (112,113,116,118)
District	Number	Number
1	39	83
2	5	12
3	19	34
4	5	6
5	16	18
6	12	16
<b>Total</b>	<b>96</b>	<b>169</b>

## Incidents By Type



Station	Location	Number of Incidents
1	Joe White Ave	6,450
2	Pine Lakes	1,018
3	21 <sup>st</sup> Ave S	2,534
4	Market Common	765
5	79 <sup>th</sup> Ave N	1,586
6	38 <sup>th</sup> Ave N	1,898

Incidents Types By Fire Station District					
District	Medical Calls	MVAs	Fire Alarms	Structure Fires	Public Service
1	4,110	432	452	39	428
2	554	41	112	5	173
3	1,357	133	398	19	223
4	375	41	115	5	129
5	717	72	367	16	190
6	1,010	128	231	12	301
<b>Total</b>	<b>8,123</b>	<b>847</b>	<b>1,675</b>	<b>96</b>	<b>1,444</b>

Public Service Calls	
Car Seats	157
Lift Assists	555
Smoke Detector Checks	84
EMS Standby	60
Fireworks Standby	13
Public Education Event	83

In 2019, the Myrtle Beach Fire Department responded to an estimated \$414,677,100 in total value involved in fire. Of that, only \$4,928,086 was lost. This translates into a save rate of 98.8%. The largest single loss event for the year was on February 24, 2019 at 1901 N. Kings Highway. That one incident alone accounted for nearly one-third of the yearly losses.

## Opticom Development and Installation

The Myrtle Beach Fire Department worked with Global Traffic Technologies (GTT) Company to plan for and install Phase I of an Opticom emergency vehicle preemption system. This involved identifying intersections and engineering plans for traffic patterns in conjunction with DOT. This preemption system makes Emergency Vehicle response safer and more efficient enroute to incidents. A vehicle equipped with OptiCom allows for the emergency vehicle to give all opposing traffic a red traffic signal while the direction of travel gains a green light + green turn if applicable. This keeps traffic flowing in the direction of the emergency vehicle and stops all oncoming traffic if the vehicle needs to cross center to make the intersection. Myrtle Beach Fire Department completed Phase I in 2019, installing Opticom preemption equipment on 22 vehicles that give access to traffic control to 26 intersections.

## Emergency Medical Services

The City of Myrtle Beach Fire Department began its involvement with EMS in 1986. This started as a two tier system that included an Advanced Life Support (ALS) Medic Unit (ambulance) and Basic Life Support (BLS) first responders on Fire Engines. The first medic unit (Medic- 62) was located at Fire Station 2 (5338 N Kings Highway) and had one Paramedic per shift. In 2002, a second Medic Unit (Medic- 61) was placed in service at Fire Station 1 (1250 Mr. Joe White Avenue). In 2013 a Basic Life Support Unit (Basic- 615) was placed in service at Station 1 on a seasonal basis. In 2015 it was moved to Fire Station 6 (970 38<sup>th</sup> Avenue North). In 2019, Basic-615 was staffed starting at Easter. In mid-July, it was upgraded to a summer season Medic 63, staffed through Labor Day. Each medic unit is staffed with a



minimum of one Firefighter/Paramedic and one Firefighter/EMT. Two of the First Responder Units are equipped with ALS equipment (Squad-1 at Fire Station 1 and Squad-3 at Fire Station 3). Two additional ALS Medic Units operated by Horry County supplement these three units. One of these is housed at Fire Station 3 (2108 S Kings Highway) and the

other is housed at the County Complex located on 21<sup>st</sup> Avenue North. All of these ALS units are also utilized to run emergency calls in adjoining areas of Horry County, which can reduce availability of these units for calls in the city.

Depending on the priority of an emergency medical call, it may receive a response of a Medic Unit, or a Medic Unit and the closest First Responder, or Basic- 615. All Myrtle Beach firefighters are required to maintain a minimum certification of Emergency Medical Technician and provide both fire and emergency medical services to city residents, employees, and visitors. Currently twenty-seven Firefighters and Engineers are certified as paramedics and are routinely rotated between fire apparatus and the medic units.

Medical Calls by type	
Medical Calls	8,128
MVAs	847
Elevator	255
Water Rescue	45
Other	97
<b>Total</b>	<b>9,372</b>

Medic Unit	Responses	Hospital Transports
Medic-61	3559	2,180
Medic-62	2,167	1345
Basic-615	772	283
Medic-63	377	221
<b>Total</b>	<b>6,875</b>	<b>4,029</b>

Ambulance Responses by Month (2019)													
Unit	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
B615	0	0	0	54	111	418	189	0	0	0	0	0	772
MED63	0	1	4	0	22	0	136	194	13	4	3	0	377
MED61	269	242	292	296	335	321	350	333	287	288	255	291	3,559
MED62	140	141	173	171	229	239	215	181	169	183	147	179	2,167
<b>Total</b>	<b>409</b>	<b>384</b>	<b>469</b>	<b>521</b>	<b>597</b>	<b>978</b>	<b>890</b>	<b>708</b>	<b>469</b>	<b>475</b>	<b>405</b>	<b>470</b>	<b>6,875</b>

The department’s efforts in STEMIs (ST Elevation Myocardial Infarction), and Sepsis Alerts have helped improve the quality of life for our residents and guests.

A STEMI is a type of cardiac emergency that can be reversed if it is diagnosed in time. In this situation, the definitive treatment is in the Cardiac Catheterization Lab and the placement of stents. Time is one of the most critical factors to making a full recovery. The reperfusion of the heart at an earlier time results in the ability of the heart to return to normal function. **The national goal for time from EMS contact until the catheterization (E2B) begins is less than 90 minutes. Myrtle Beach Fire Department’s patient contact to EKG time averages 7.1 minutes with the MBFD and GSRMC average E2B is 59 minutes.** Both of these times are a decrease from the previous year, which continues to improve survivability and the patient’s long-term quality of life.

The Myrtle Beach Fire Department has also partnered with Grand Strand and our medical director Dr. Thomas Martel on the Sepsis program. Sepsis a serious condition resulting from the presence of harmful microorganisms in the blood or other tissues and the body’s response to their presence, potentially leading to the malfunctioning of various

organs, shock, and death. Sepsis Alerts are reducing hospital mortality by allowing us to draw blood labs, administer antibiotics in the field, and begin fluid resuscitation well in advance of arrival at the Emergency Department. For 2019, Myrtle Beach Fire Department called 18 sepsis alerts. Of those 18 alerts, Myrtle Beach Fire Department had zero false alerts. 10 of 18 were coded as severe sepsis (Average admitted time of 5.5 days and < 1 day in ICU). 8 of 18 were coded as severe sepsis with associated septic shock (Average admitted time of 11 days with 2.25 days in ICU). Of those 8, 7 septic shock patients received antibiotics. There were no mortalities listed with these cases. (GSR reports that this is not a large enough data pool to draw conclusions, but this is less than you would expect based on mortality rates of hospital sepsis cases).

The opioid crisis has affected Myrtle Beach just as it has many areas of the United States. In 2018, there were 816 deaths related to opioids, an increase of 9% from the previous year. 2019 Opioid related deaths are not available at the time of this report. Narcan (the medication that reverses the effect of opioids) was administered by the Myrtle Beach Fire Department 260 times in 2019, an increase of 69 from 2018's 191 administrations. The break down for administration by MBFD in 2019 is as follows:

Narcan Administration by MBFD units per Month (2019)													
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Narcan	15	9	12	12	41	39	42	34	12	12	17	15	260

## Ocean Rescue – Battalion Chief Brian Mitchell

The Myrtle Beach Fire Department Ocean Rescue program completed its fourth season patrolling the beach. 2019 marked the second year the fire department was the primary agency leading public safety efforts for beachgoers. MBFD's newest beach ambassador Sunny Swell has arrived and getting his safety message out with his first campaign "Know Your Avenue." This campaign includes signage on the beach that correlates with avenue numbers. This is just one example of how Sunny Swell will reach the residents and visitors with needed safety information. The ocean rescue program is comprised of 38 members that meet the standards set forth by the American Red Cross and United States Lifesaving Association (USLA). MBFD remains one of only 20 USLA certified Aquatic Rescue Response Teams (ARRT) in the country, logging 2,026 hours of aquatic rescue training throughout the year. This year's training also included 9 members attending the United States National Whitewater Center to obtain Swift water and Flood Rescue Technician I & II certification which exceeds NFPA 1006 and NFPA 1670 standards.

MBFD staffed up to four ocean rescue crews patrolling the beach from March through October. During



that time, 343 incident were covered by beach crews, thus allowing station apparatus to remain in-service for other emergency demands. The Ocean Rescue program deployed 69 rescue swimmers to affect 44 rescues and assists, enforced 1,529 beach ordinance violations, assisted with 193 lost children/persons, made 5,981 contacts with beachgoers, completed 15 Pub Ed events and performed 13 media interviews. MBFD Ocean Rescue program provides exceptional service by utilizing the following assets for its members: four 4x4 Colorado response pickups, three Yamaha UTVs, four jet skis, one rescue boat, three 4x4 station utility trucks and a substantial amount of associated rescue equipment. MBFD Ocean Rescue program continues to plan for the growing needs of the city's residents and visitors.

The Ocean Rescue program was featured in a short documentary film produced by the International Association of Fire Chiefs. This film was released at the annual Fire-Rescue International Conference in Atlanta, GA, in August of 2019. Click the link to view.

[https://www.youtube.com/watch?v=egRMzrIIV\\_0](https://www.youtube.com/watch?v=egRMzrIIV_0)



## Training Section – Battalion Chief Martin J Eells

The Training Section is headed by Martin Eells. Chief Eells is assisted by Fire Training Captain Joshua Andrews and Fire Training Captain Karl Schook. The Training Division provides and creates training programs, as necessary, to meet established state and federal mandates each year. The Division ensures that members meet the requirements set forth by the Insurance Services Office (ISO), Occupational Safety and Health Administration (OSHA), the South Carolina Department of Health and Environmental Control (DHEC) and internal requirements as determined by the department.

The Training Division strives to provide the highest quality training, instruction, and educational support to our members. This is intended to prepare our Department to serve our community in the most efficient and effective means possible, and to ensure the safety of our personnel and citizens. In 2019 the department hosted 14 South Carolina Fire Academy (SCFA) classes, hosted the state sponsored Trench Class, assisted with the State re-certifications of 50 EMTs and Paramedics, 77 National Registry recertification's, taught an EMT school for six of our Probationary Firefighters and delivered an Advanced Pediatric Life Support Class (PALS) for 43 of our personnel.

The training division partnered with Grand Strand Medical Center residents program instructing a driver training course for 18 physicians in order for them to participate in a quick response program. A participation demonstration day was also conducted with the physicians in order for them to experience emergency medical calls in the prehospital environment. This also included a first year ride along program for the resident physicians that reaped enormous benefits for both agencies.

Expansion of medical care in the street included RSI (rapid sequence intubation) for the more difficult patients that require sedation in order to provide advanced airway management. Pain management medication was improved utilizing the best field practices for severely injured patients.



The training division teamed up with the Myrtle Beach Police Department creating a drivers course for their MRAP (mine resistant ambush protected) and their mobile command post RV.

Type	Hours
Driver/Operator	4,343.75
EMS	7,613.2
Fire	30,197.4
Officer	5,356.1
Rescue	8,821
Hazardous Materials	3,187
Other	6,688.18
<b>Total</b>	<b>66206.68</b>

## Community Risk Reduction – Fire Marshal Jim Clement

The community Risk Reduction Section is responsible for citywide enforcement of the adopted fire code and city ordinances as they relate to fire life safety. Other responsibilities include public education, fire investigation, business license inspections, plans review, preconstruction planning, pyrotechnic permitting, pre-incident survey programs and code compliance for large community events.

Over the past year the CCR section has completed over 4400 fire code inspections, re-inspections, to include special events, mobile food units, compliance checks, and business license inspections. Over the past 6 months the Deputy Fire Marshals have issued over \$23,000 in fire code violations and through the municipal court collected over \$ 16,400. An inspection fee was enacted by city council back in 2013, fees are charged by the square footage, in 2019, the CCR section collected \$338,000.

Our public education is constantly looking to further enhance our presence in the community and in the school system. Over this past year we have held our first ever Citizen’s Fire Academy, which was such a huge success that we completed a 2<sup>nd</sup> one in the fall. The curriculum is designed to show our citizens how the Myrtle Beach fire department is organized and operates. As we wanted to increase our presence within the community, presenting at our neighborhood watches allows our crews to interact with the community.

Our first and foremost priority is the life and safety of our community and our visitors. The responsibilities of the fire marshal office will not alter the course in which we carry out those responsibilities, but they will be achieved in a more effective and efficient manner that better serves of our community.

	Inspections	Violations	Corrections	Hours
CRR Personnel	2871	3231	2993	635
Shift Personnel	1270	752	635	1435.5
Business License Inspections	287			143.5
<b>Total</b>	<b>4428</b>	<b>3983</b>	<b>3628</b>	<b>2214</b>

30 day Inspections	1077
45 day Inspections	360

## Public Education 2019



**Operation Fire Safe-**The Operation Fire Safe program is a program that was developed to provide local businesses an opportunity to expand the training of their staff, helping to make those businesses safer for their customers.

**Car Seat Program-** Our Car Seat Program has 45 DHEC Safe Kids certified technicians that assisted with over 200 car seat installations at the fire stations and 3 car seat events over the course of 2019.

**School Programs-** the MBFD worked with local schools in 2019 on programs including, Fire Safety Weeks in October, Career Days, Work Study visits with Special Needs Classes, Reading Buddies and afterschool program visits with Pepper Geddings and the Boys and Girls Club.

**Fire and Life Safety Open House-** We had our annual Fire and Life Safety Open House on 10/12/19 that was attended by a few hundred participants from our community.

**PSA and Media Support-** We had another increase in social media response with 21,693 followers on Facebook, 5,182 on Twitter, and 4,381 followers on Instagram and we produced over 35 PSA's and videos in 2019.

**Trade Shows-** We had a presence at the Hotel/Motel Show, the spring and Fall Home Improvements Show and the Dickens Show last year and reached over 11,200 people with fire and life safety information during those shows.

**Volunteer Team-** Our Community Risk Reduction Volunteer Team has 22 members that work diligently to help our department during many of our public safety events.

**Community Events-** MBFD takes part in numerous community events throughout the year including Boys and Girls Club Events, the MDA Boot Drive, Charity Baseball and Football games, and various other activities for a multitude of organizations.

**Beach Safety Campaign-**The MBFD strives to keep our beaches safe through brochures, PSA's, and face to face interaction through our beach patrol crews.

### Public Education Contacts 2019:

Public Education Contacts		Installations	
Adult	19,500	Car Seats	195
Child	13,190	Smoke Detectors	91
<b>Total</b>	<b>32,690</b>	<b>Total</b>	<b>286</b>

Media		Public Events	
TV Interviews	140	Events	239
Newspaper Articles	20	Training Classes	40
Radio	20	Neighborhood Watch	99
<b>Total</b>	<b>180</b>	<b>Total</b>	<b>378</b>



## Emergency Management – Emergency Manager Bruce Arnel

In 2019, the Office of Emergency Management (OEM) organized and received its first operating budget. Tasking for 2019 involved reviewing and updating the City of Myrtle Beach’s Emergency Operations Plan (EOP), which included generating new EOP Annexes for Flood Warning / Response, Employee Classification, and Severe Weather. Due to OEM’s effort in developing a comprehensive Flood Warning and Response plan, the City’s Community Rating System saw an overall increase.

2019 also saw the OEM relocated to the Public Safety Annex at 1170 Howard Avenue. This relocation has allowed OEM to increase interoperability between OEM and the Emergency Operations Center (EOC), in addition to adding additional space for a policy room. The EOC was updated to be more task



functional. OEM assisted in the development of an Active Assailant Integrated Response rescue task force effort between Myrtle Beach Fire Department and Myrtle Beach Police Department. This includes annual training and collaboration between the two departments. OEM worked with MBPD, MBFD, and IST to develop an ESRI dashboard, allowing information to be delivered and mapped instantaneously during incidents while integration with GPS App Waze allows for traffic to be redirected based on road closures or expected congestion. OEM attended the Homeland Security Exercise Evaluation Program to ensure compliance with Homeland Security requirements to be federally reimbursable.

OEM administers the Pee Dee Regional Type 3 Incident Management Team, receiving and allocating \$65,300.00 in Homeland Security funding. The EOC saw two partial or full activations in 2019. April 2019, OEM partially activated the EOC in response to a severe weather event. September 2019, OEM activated a full EOC in response to Hurricane Dorian.

## **Special Operations – Division Chief Shawn Pratt**

### **SC Task Force 2 (USAR) and SC Haz Mat 2 (HM/WMD)**

The Myrtle Beach Fire Department (MBFD) is the host agency for SC Task Force 2 (SC-TF2). SC-TF2 is the regional collapse search & rescue team that serves the Myrtle Beach area and Pee Dee region. SC-TF2 operates under the direction and support of the state emergency response task force (SCERTF). The team is comprised of 48 active members that have advanced training in various technical rescue disciplines such as structural collapse, high angle rope, confined space, trench and swift water rescue. Team members are required to train on a bimonthly basis to remain proficient in various rescue capabilities. SC-TF2 received a federal grant in 2019 in the amount of \$78,000 that facilitated the acquisition of various types of technical rescue equipment. Training expenses were also funded through the grant to send personnel to a communications course and a swift water rescue technician course. This team was also involved in a wide area search operation for a missing person that lasted multiple weeks in 2019.

MBFD is also the host agency for SC Haz-Mat 2 (SC-HM2). SC-HM2 is the regional Haz-Mat WMD (Weapons of Mass Destruction) team that serves the Myrtle Beach area and Pee Dee region. The team is comprised of 30 active members that are specialized in one of five main working groups. They are entry/recon, decontamination, communications/research, medical, and command/safety. SC-HM2 also received a federal grant in the amount of \$77,000 for 2019, allowing the team to purchase additional SCBAs, radios, computers, air monitors and maintenance needs various critical components of the equipment cache. Training expenses were also funded to send personnel to a communications course and a Haz-Mat sampling course. The team trains on a bimonthly schedule opposite of SC-TF2. During 2019, SC-HM2 was involved in 3 mutual aid responses and 4 incidents within the city of Myrtle Beach.



## Special Operations – Drone Program

The Chicora Rotary Club purchased three DJI Mavic 2 Enterprise Dual Drones in the amount of \$12,000 total for use by the Myrtle Beach Fire Department. These drones include a thermal imaging FLIR camera, traditional video camera, spotlights, and speakers for communication. A program was developed to fall in line with Federal Aviation Administration (FAA) requirements to operate as a Remote Pilot in Command (RPIC). 20 individuals were certified as RPIC's in addition to a number of personnel that already hold an FAA Part 107 small unmanned aircraft system certification. The Myrtle Beach Fire Department obtained an FAA Certificate of Authorization that allows our certified RPICS to operate in controlled airspace for emergency use. These drones will aid the Myrtle Beach Fire Department on fires and beach operations, as well as other not currently identified uses in the future. In 2019, a drone was deployed on 9 fires and 5 beach incidents. These drones allow incident commanders a unique view and insight into a fifth side of the incident that was typically only available by expensive air operations.



## Special Operations – SC COPE (Community Outreach Paramedic Education)

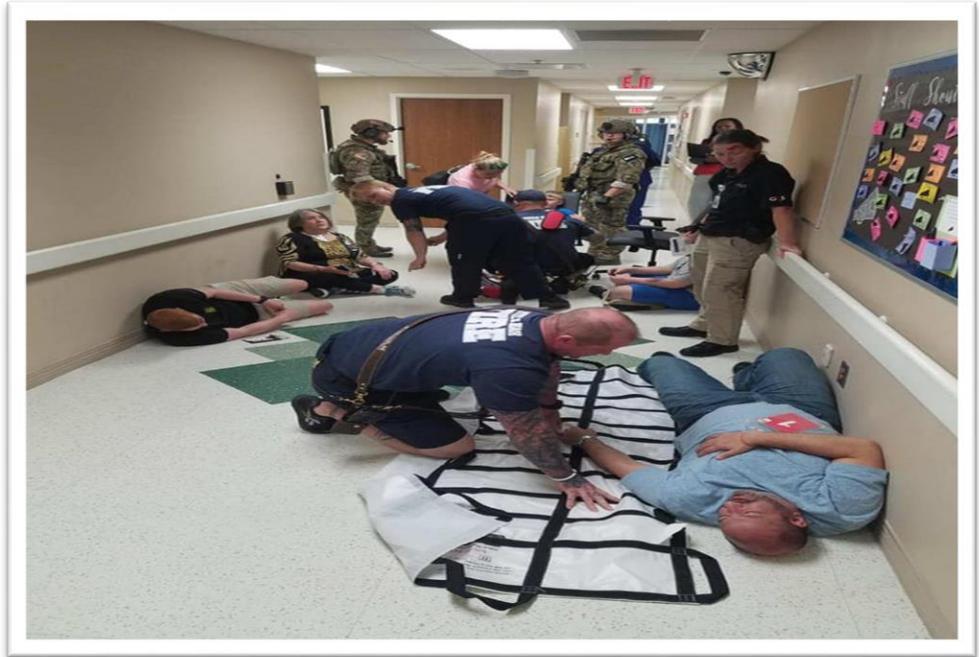
COPE stands for Community Outreach through Paramedic Education. This program was brought to Myrtle Beach Fire Department by SC DHEC. The members of the COPE team received over 6 hours of training from DHEC on the program. The COPE team generates reports from our EMS database of patients that have received Narcan (reversal agent for opioids) due to an overdose within the city limits. We have 6 Paramedics that are members of this program and we try to make visits every 2 weeks. A paramedic will attend these visits with 1 MBPD Law Enforcement Officer and 1 New Directions counselor. So far we have 1 subject in a 90 day program that we know of. The New Directions counselor says he receives phone calls at the time for help, where some have come from contacts with the COPE program.

	September	October	November	December
Attempts	16	7	3	7
Assessments	7	2	0	3
Totals	23	9	3	10

MBFD has members that are representing the department on various committees concerned with opiates at the state and local level. Another problem facing our area is human trafficking. One of our members has been asked to serve on the state's regional human trafficking medical committee.

## Special Operations- AAIR (Active Assailant Integrated Response)

AAIR stands for Active Assailant Integrated Response. This is a program designed to integrate the response of PD & FD during any incident that may need it, but typically has been viewed as active shooter type incident. During this training 173 MBPD officers and 140 MBFD personnel completed 3,000 hours' worth of training over the course of 9 days between the 2 departments with the hard work of about 11 instructors from both departments combined. Lt. Wright with the FD and Captain DiLorenzo were able to attend the ALERRT conference in Aurora Colorado in September. In total our instructors have attended 60 hours of training related to the AAIR programs. This program enables us to readily integrate forces during a large scale violent incidents, where all entities understand their roll and support each other to ensure all needs of the scene can be met in an appropriate fashion.



## MBFD Cancer Reduction Initiative—

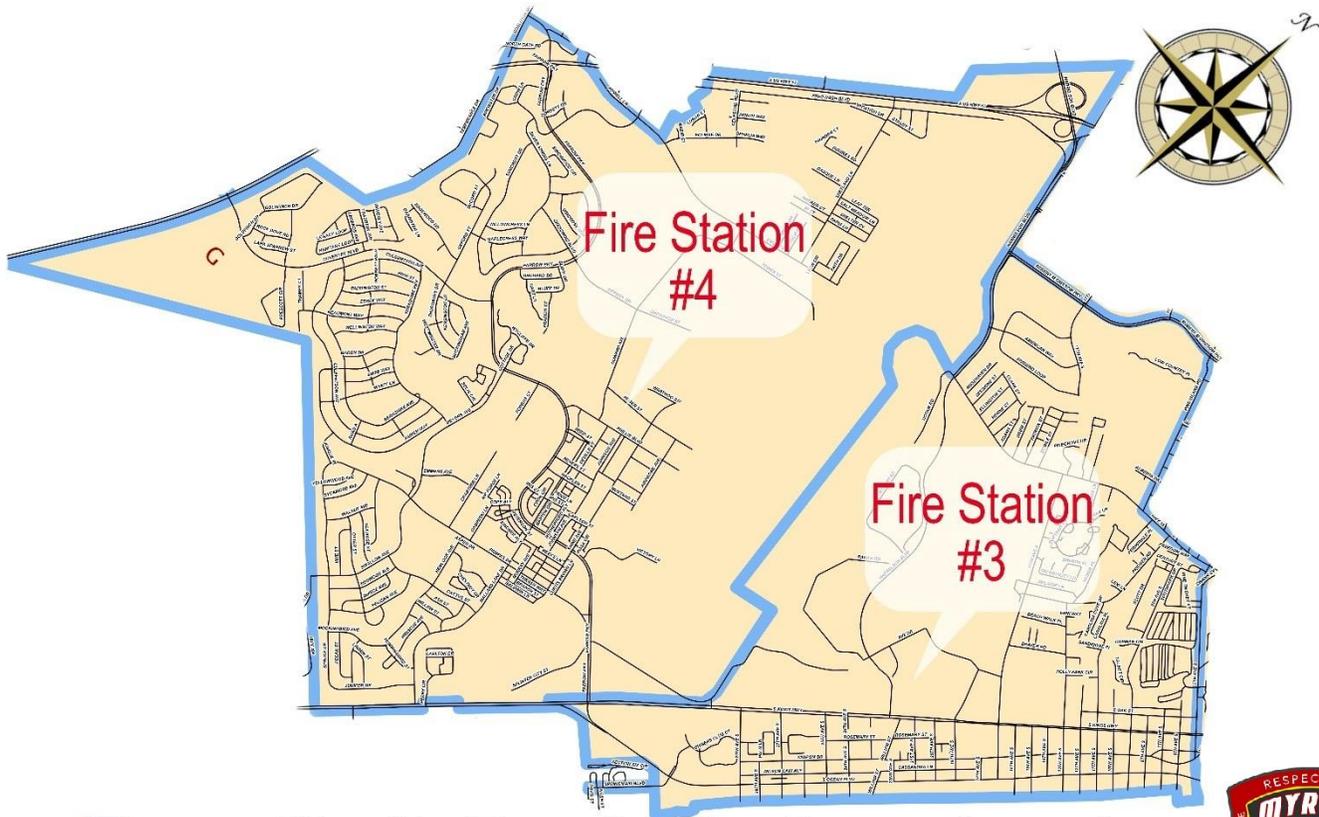
In 2019, Myrtle Beach Fire Department began to outfit its personnel with the newest available turnout gear that is aimed at reducing known cancer causing particulates from contacting skin during firefighting operations. This turnout gear is the Lion Red Zone that is UL verified to eliminate smoke/particulate ingress at the areas that previously allowed smoke to contact a firefighter's core. 46 sets of gear were purchased from the North American Fire Equipment Company at the cost of \$2,500 per set. These ensembles include the particulate reducing features in addition to a built in rescue harness. In addition to the 46 sets of turnout gear purchased, a particulate blocking hood was purchased for every member of the emergency services division to aid in protecting and reducing exposure to the head and neck from these cancer causing particulates.



## Incident Management Team

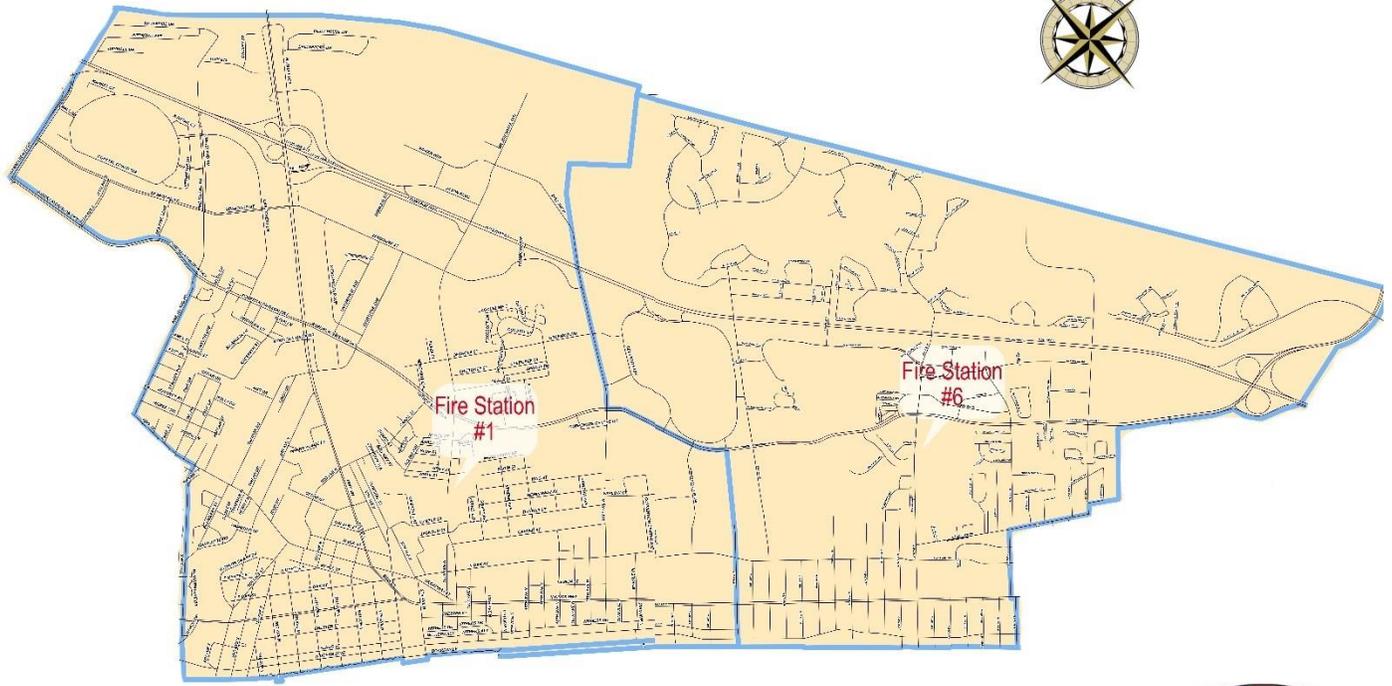
Myrtle Beach Fire Department hosts the Pee Dee Regional All-Hazards (Type III) Incident Management Team. This is a multi-agency/multi-jurisdiction team that is capable of providing management assistance to a variety of emergencies or other resource intensive events. The team is managed by Emergency Manager Bruce Arnel and Deputy Fire Chief Ian Maxwell. Funding for the team is based almost entirely off of Homeland Security Grant funding. Grant funding for Pee Dee Regional for 2019 is \$65,300.00. The Pee Dee Regional Type III Team is a local asset that is deployable at the local, regional or State level. In addition, the team is nationally available through an Emergency Management Assistance Compact (EMAC) for States requesting outside assistance. For 2019, Pee Dee Regional IMT increased its member base to include members from other disciplines that will aid in the team's capability (such as GIS). In addition, members furthered their training and education through state and nationally available classes.





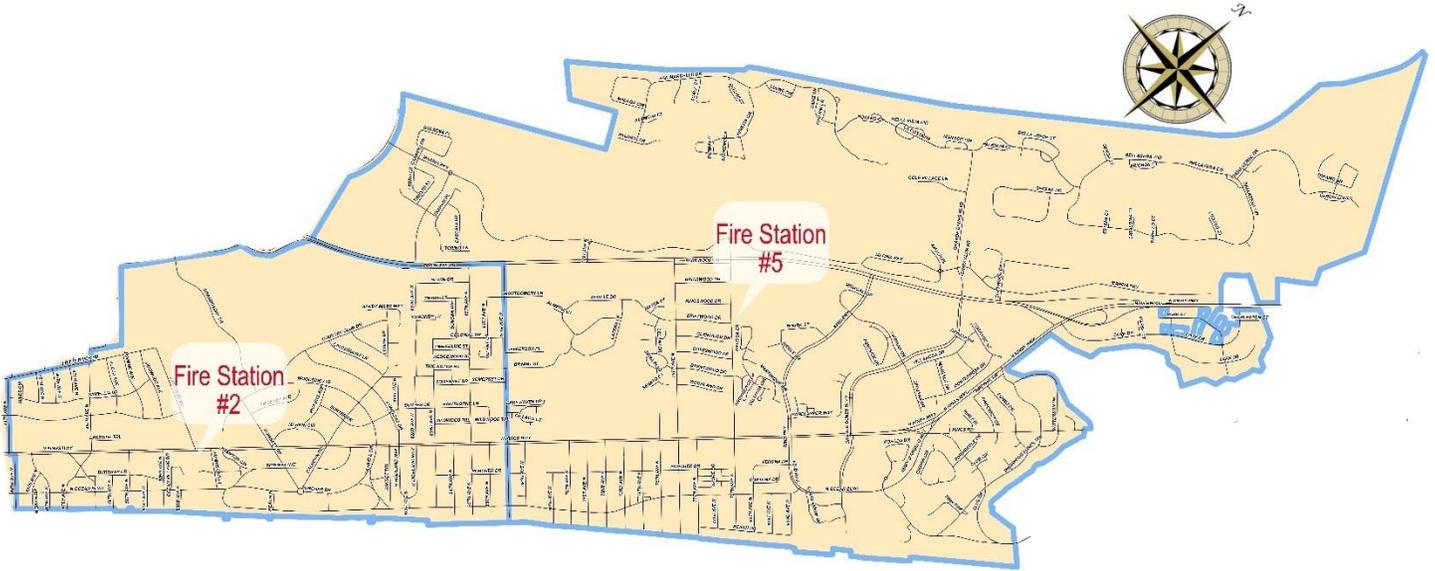
# Myrtle Beach Fire Department Station Coverage Areas





## **Myrtle Beach Fire Department Station Coverage Areas**





# Myrtle Beach Fire Department

## Station Coverage Areas



**Station 2**  
5338 N. Kings Hwy



**Station 5**  
804 79th Ave N