

# STILLWATER FIRE DEPARTMENT

## 2018 ANNUAL REPORT

### MISSION STATEMENT

**Our commitment is to protect life and property through dedicated service to the community.**



**Professionalism, Respect, Integrity, Dedication, Excellence**

**P.R.I.D.E.!**

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Stillwater, MN 55082

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## FIRE CHIEF'S MESSAGE



For the last 146 years the Stillwater Fire Department (SFD) has been protecting the historic birthplace of Minnesota; it's citizens, visitors to the City of Stillwater, Stillwater Township, a portion of May Township and a portion of the City of Grant. While the role of the fire service has dramatically changed and increased in complexity over those years, the commitment to serve our communities remains steadfast. The Stillwater Fire Department is pleased to present the 2018 Annual Report. We trust the information contained within this report will provide a better insight into the day to day operations and activities of our Department.

### STATISTICS

The Stillwater Fire Department responded to 1,821 incidents in 2018 and of those, 328 calls were overlapping calls for service. Alarm analysis by day of week indicates Monday as having the busiest call volume of 298 incidents. The hours of noon to 6:00 PM accounted for 34.68% of calls received and July was the busiest month with 192 calls for service.

### DEMOGRAPHICS

SFD response area includes Historic Downtown Stillwater, single and multi-family residential, high-rise, commercial, industrial, schools, clinics, hospital campus, government facilities, senior assisted living facilities, and nursing homes. The downtown district is an active tourism destination. Stillwater offers a variety of attractions and events year-round and participants are protected by the Stillwater Fire Department.

### STAFFING HIGHLIGHTS

At the end of 2018 the Stillwater Fire Department had 22 paid-on-call, 12 career firefighters, one part-time administrative assistant and a volunteer chaplain serving the City. During 2018 Captain Chris Zeuli was promoted to Assistant Chief of Operations, Firefighter/Engineer Joe Marchetti was promoted to Shift Captain and Paid-On-Call Firefighter/Engineer Jim Roush was promoted to full time. The completion of probationary status and badge pinning included Peter King, Hunter Duncan, Joe Forliti, David Martin and Karl Sinclair. In 2018, two paid-on-call members resigned and one retired from the Department.

### FIRE PREVENTION, EDUCATION, INSPECTIONS AND COMMUNITY OUTREACH

As part of fire prevention to improve the lives of residents by preventing fires and reducing the impact of fires that occur, SFD performed 309 inspections of businesses and occupancies within the Department's response area. Staff committed over 1,140 hours and reached over 20,000 individuals in the community by conducting school visits, station tours, fire extinguisher training, and community outreach. In 2018, 147 individuals were instructed in CPR as part of our HeartSafe Community Program. Car safety seat inspections were conducted reaching 94 individuals for a total of 55 hours.

### RESQ CPR

The ResQCPR System is a CPR adjunct that consist of two synergistic devices - the ResQPOD ITD 16 and ResQPUMP ACD-CPR device. Together, they increase the likelihood of survival. A major clinical study of more than 1,600 patients showed a 49% increase in one-year survival from a cardiac arrest. The Stillwater Fire Department implemented these devices in 2014 and has seen a significant increase in survival from cardiac arrest patients.

### MEMBER TRAINING HOURS

The Stillwater Fire Department staff have ongoing drills and exercises that reflect the real-life experiences encountered in the field of firefighting. SFD members trained for a total of 4,637 hours in 2018. On the following pages you will find detailed information including 2018 statistics, demographics, accomplishments, and much more. I hope you find this information interesting and useful.

*Stuart W. Glaser*

Fire Chief

## COMMUNITIES SERVED

### CITY OF STILLWATER - Population 19,693

MAYOR Ted Kozlowski  
CITY COUNCIL Doug Menikheim  
David Junker  
Tom Weidner  
Mike Polehna  
CITY ADMINISTRATOR Tom McCarty  
CITY CLERK Diane Ward

### CITY OF GRANT - Population 4,153

MAYOR Jeff Huber  
CITY COUNCIL John Rog  
Jeff Giefer  
Tom Carr  
Denny Kaup  
CITY CLERK Kim Points

### STILLWATER TOWNSHIP - Population 2,013

TOWNSHIP SUPERVISORS Lee Busse  
Jackie Garofalo  
Rod Hunter  
David Johnson  
Shelia-Marie Untiedt  
TOWNSHIP CLERK Kathy Schmoeckel

### MAY TOWNSHIP - Population 2,761

TOWNSHIP SUPERVISORS Bill Voedisch  
John Adams  
John Pazlar  
TOWNSHIP CLERK Linda Tibbetts

## SERVICES PROVIDED

### FIRE SUPPRESSION

- Structure - Residential/Commercial
- Wildland/Grass
- Marine
- Auto

### BASIC LIFE SUPPORT (BLS) NON-TRANSPORT EMERGENCY MEDICAL SERVICES

- Medical Emergencies
- CPR & AED Certified
- Advanced Airway Placement
- Advanced Drug Variance
  - Naloxone
  - Albuterol
  - Epinephrine
  - Continuous Positive Airway Pressure (CPAP)
- Assist Lakeview EMS
- Blood Pressure Checks

### CODE ENFORCEMENT/INSPECTIONS

- New Construction
- Commercial
- Multi-Family Residential
- Short-Term Rentals
- Day Care
- Special Events

### HEAVY RESCUE

- Auto Extrication
- Technical Rope Rescue
- Confined Spaces

### WATER/ICE RESCUE

- Surface
- Dive
- Boat

### MAINTENANCE

- City Fire Hydrants
- Fire Station
- Trucks/Equipment

### FIRE EDUCATION

- In-Service Training for Businesses
- Drills and Exercises

### FIRE PREVENTION & LIFE SAFETY

- School Visits
- Open House
- Senior Programs
- Child and Booster Seat Inspections

### CIVIC SUPPORT

- Community Events
- Station Tours



Car Fire Lansing Avenue



Car vs. Structure



Garage Fire

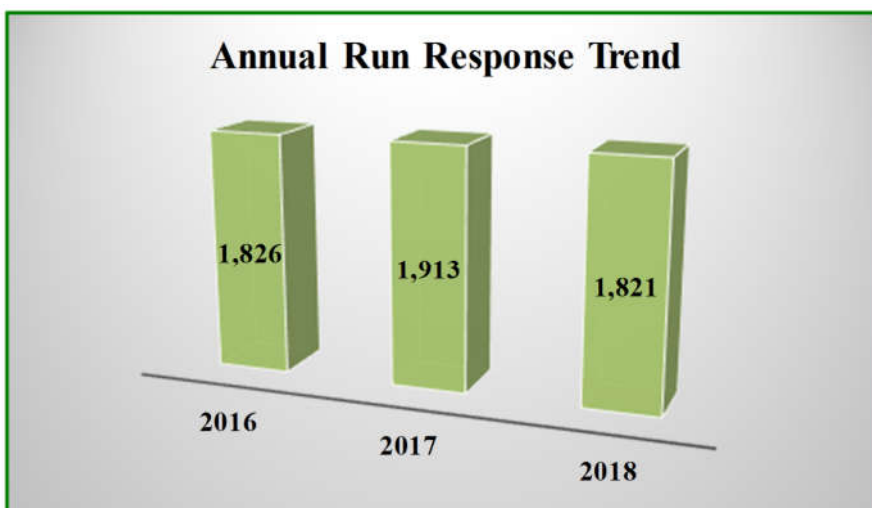
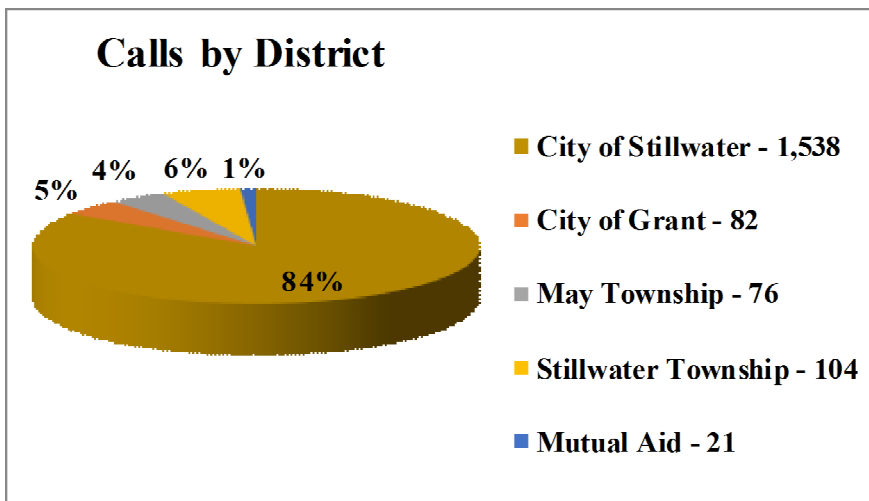
# ORGANIZATIONAL CHART



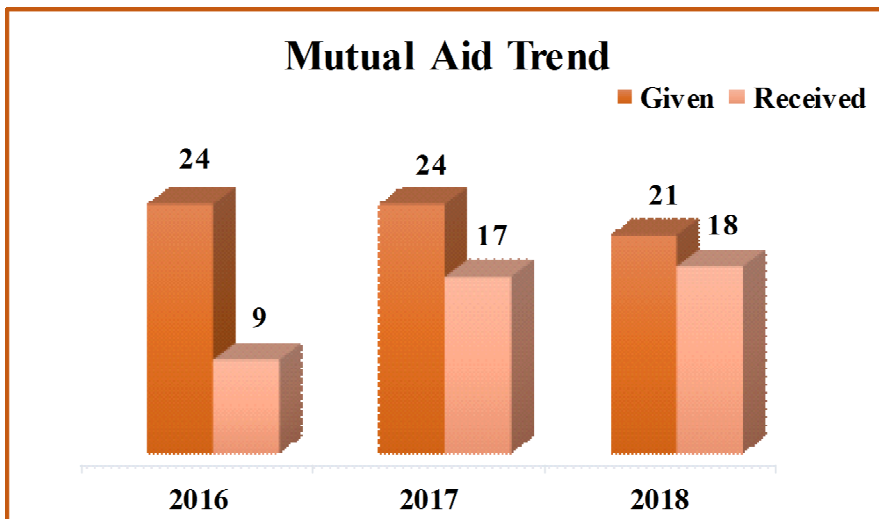
Minnesota ranks second in the country for its dependence on volunteer firefighters. There are about 20,000 firefighters in Minnesota spread across 780 fire departments. Of those 18,000 are either full volunteer or paid-on-call firefighters. “Their full-time career is something other than firefighting,” per Bruce West State Fire Marshal. As recruiting and retaining volunteer firefighters becomes increasingly difficult; it is the number one concern for departments.

Currently, SFD has 36 total firefighters, and five paid-on-call vacancies. SFD has several paid-on-call and full-time staff that are close to retiring which will create additional vacancies. Staffing and succession planning continue to be a high priority for the Department.

## RESPONSE SUMMARY

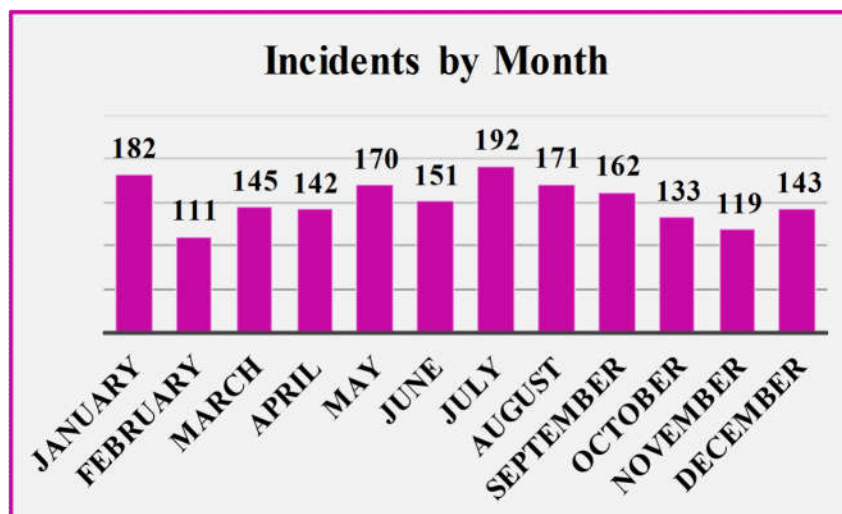
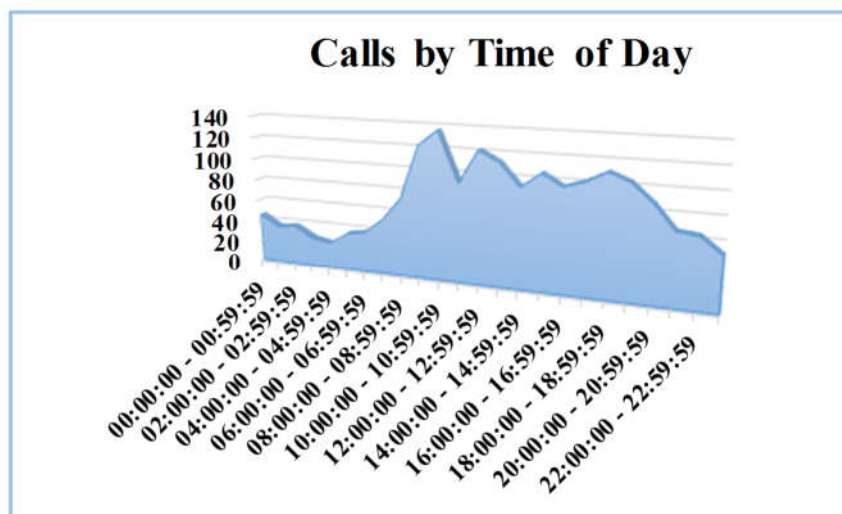
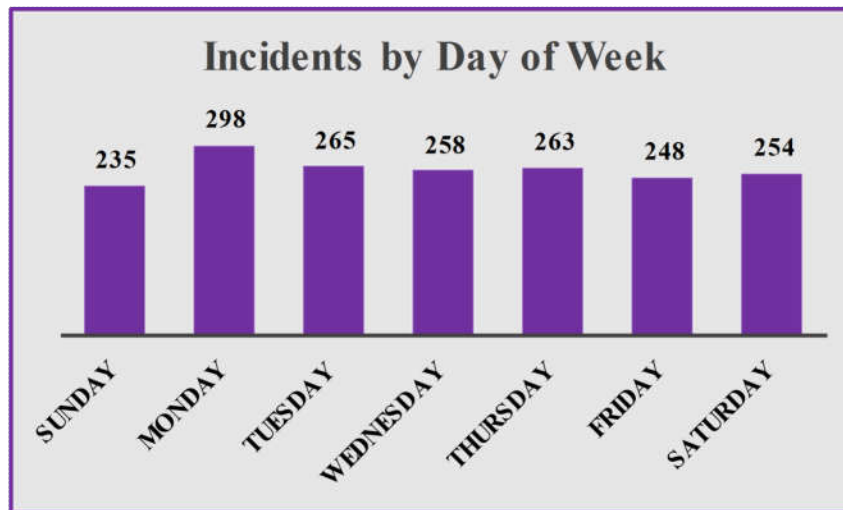


This bar graph indicates a consistent call volume for Stillwater Fire Department for the last three years.

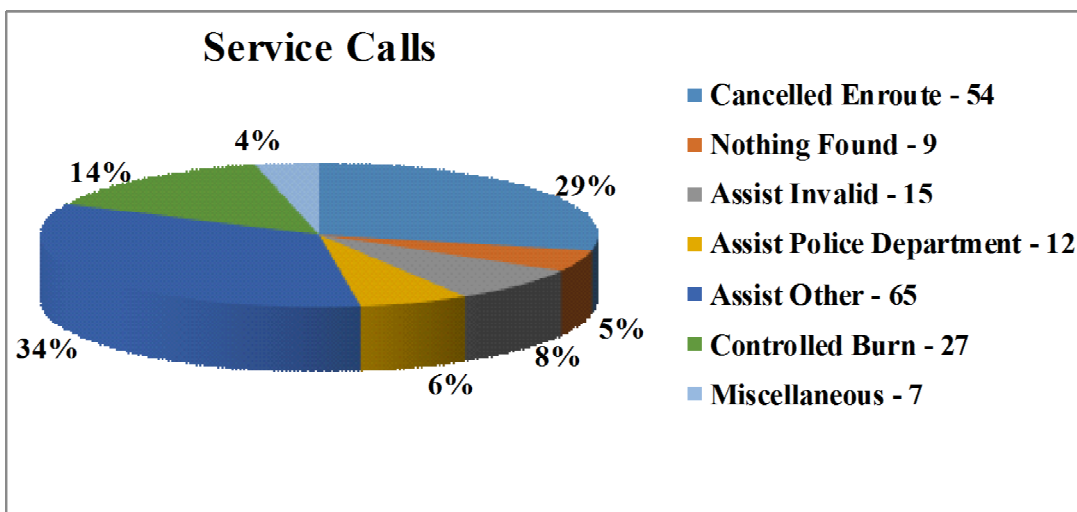
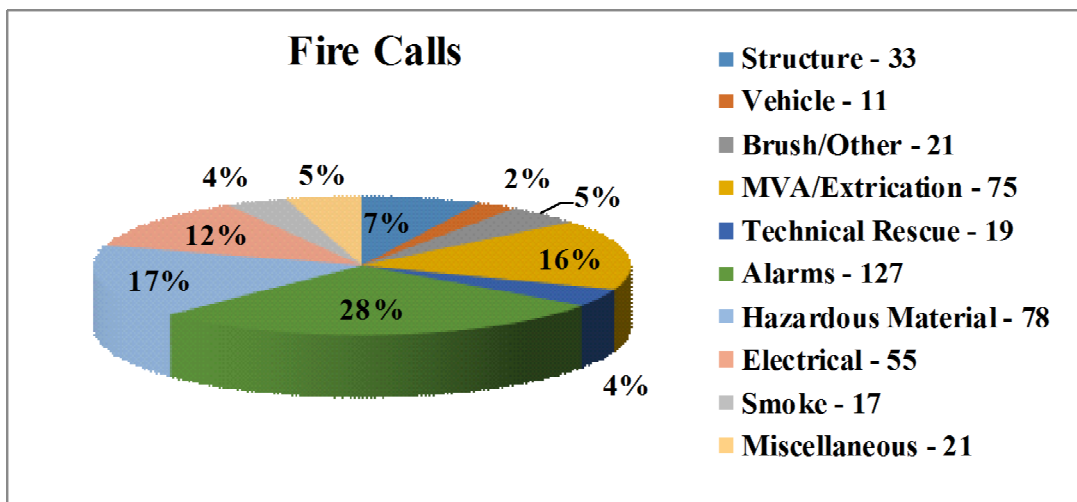
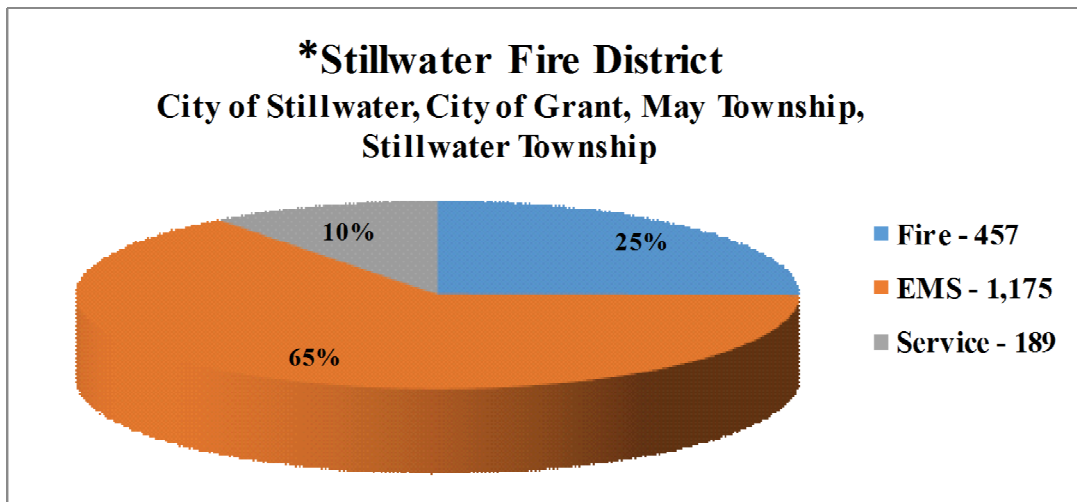


Mutual Aid is the process of receiving assistance from neighboring agencies. SFD has Mutual Aid Agreements with all neighboring departments as well as Wisconsin. As the chart indicates, SFD is increasing its reliance on Mutual Aid due to staffing shortages.

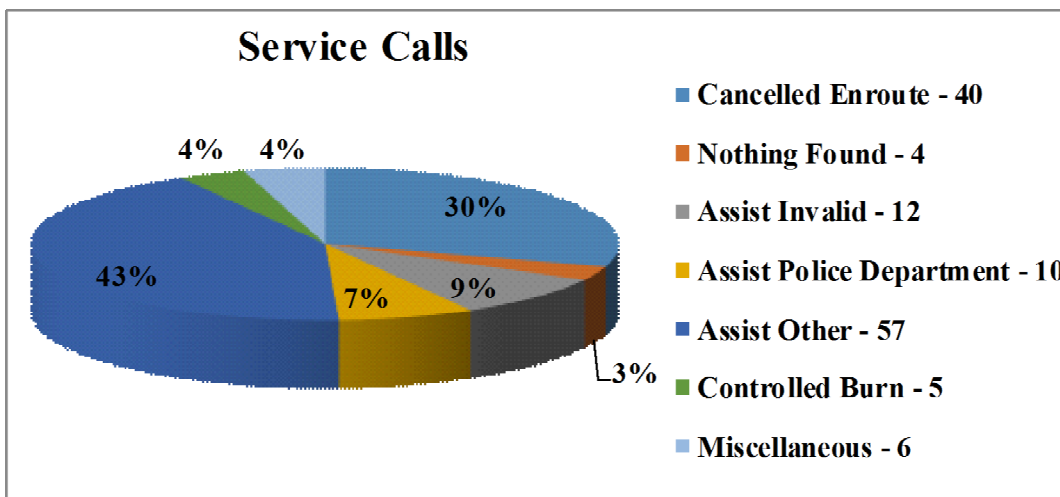
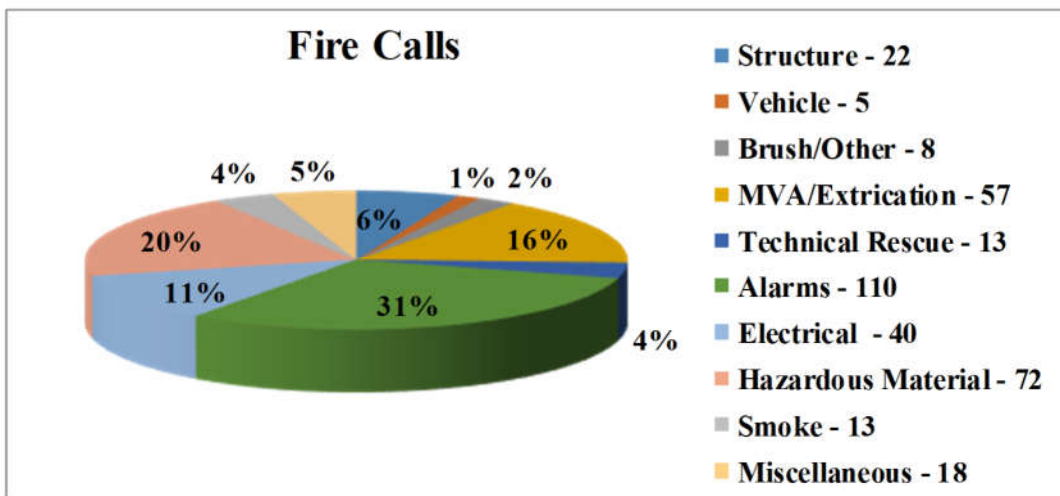
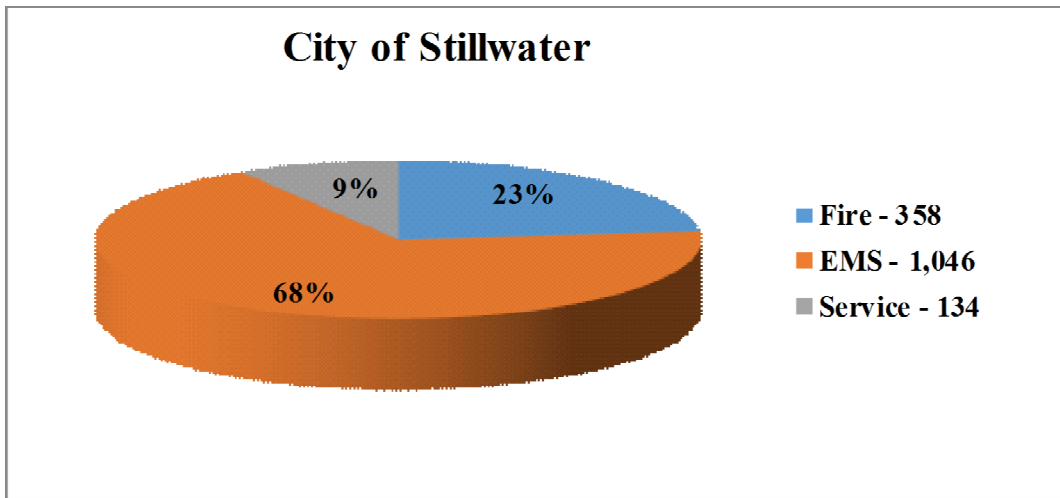
# RESPONSE SUMMARY

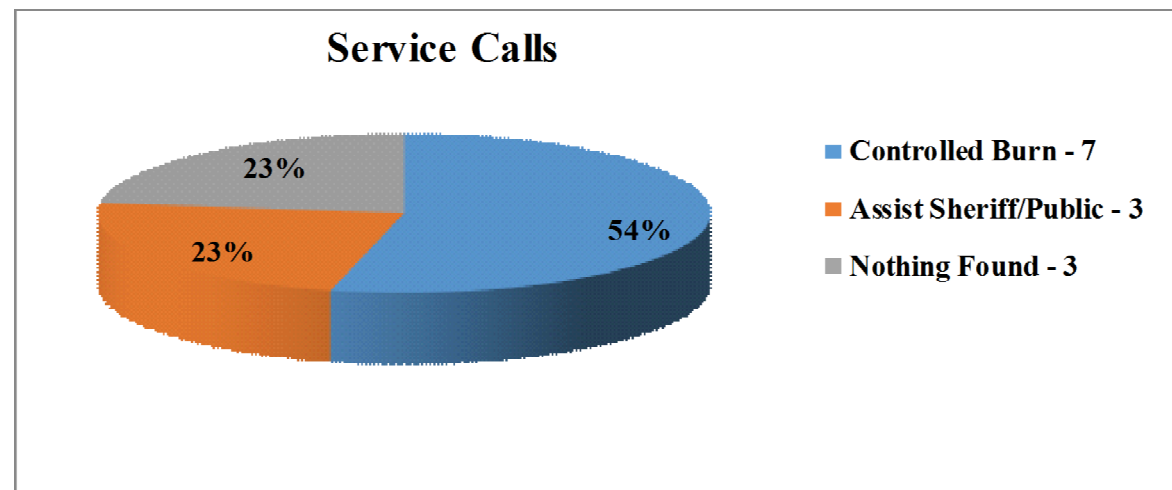
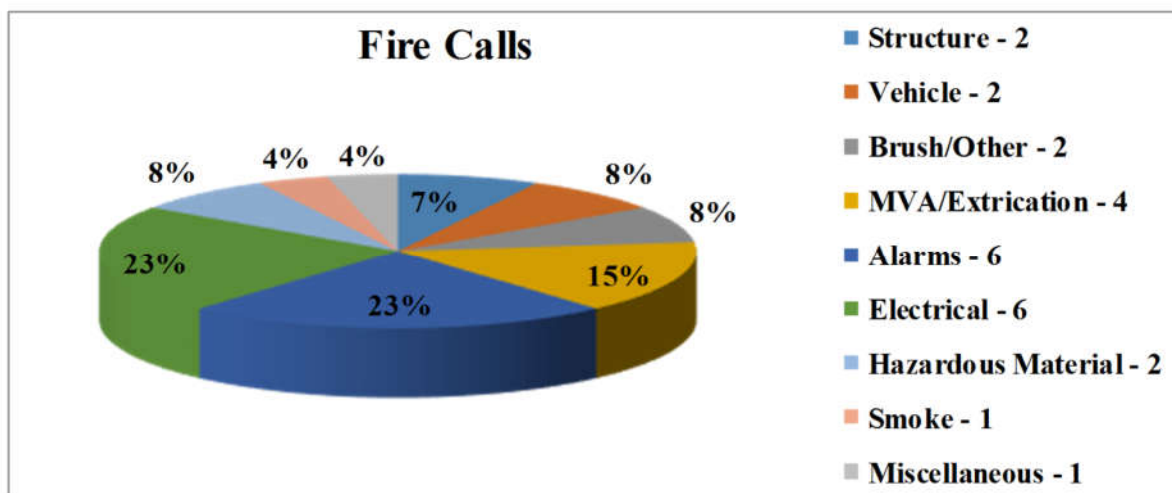
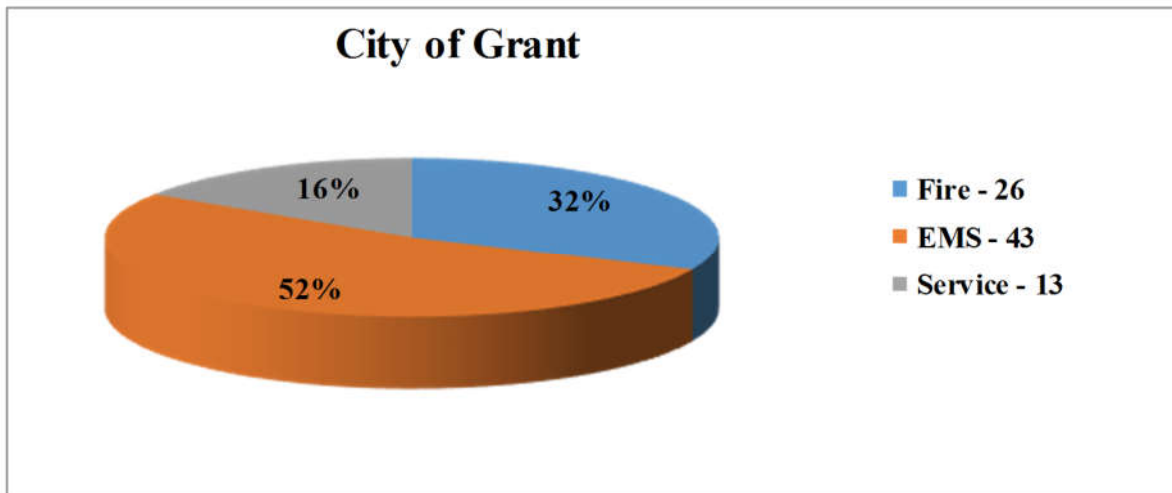


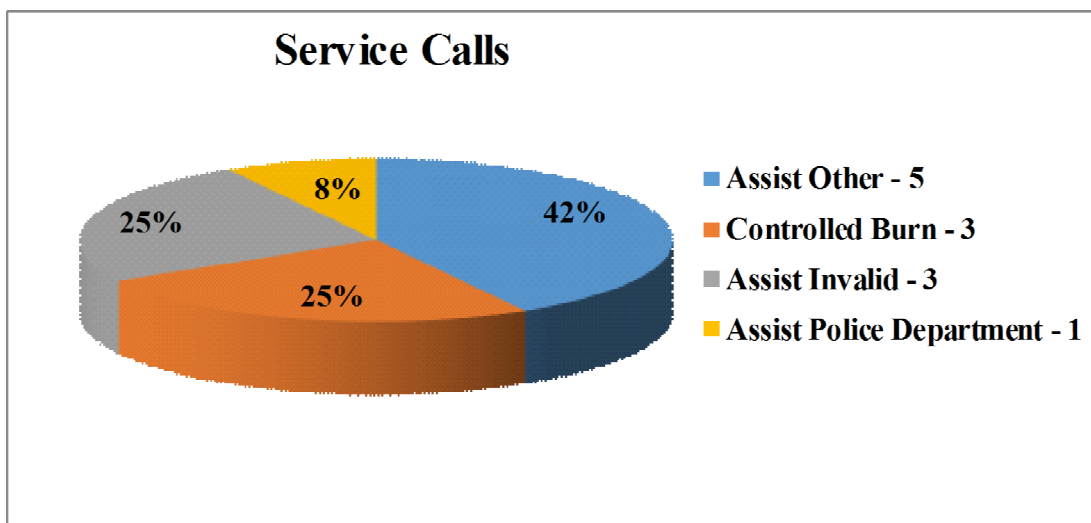
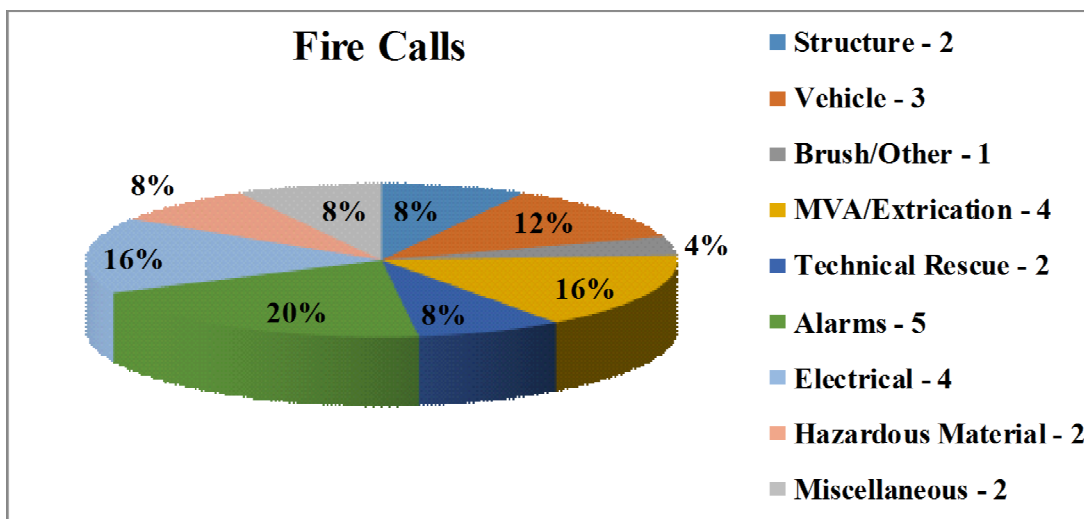
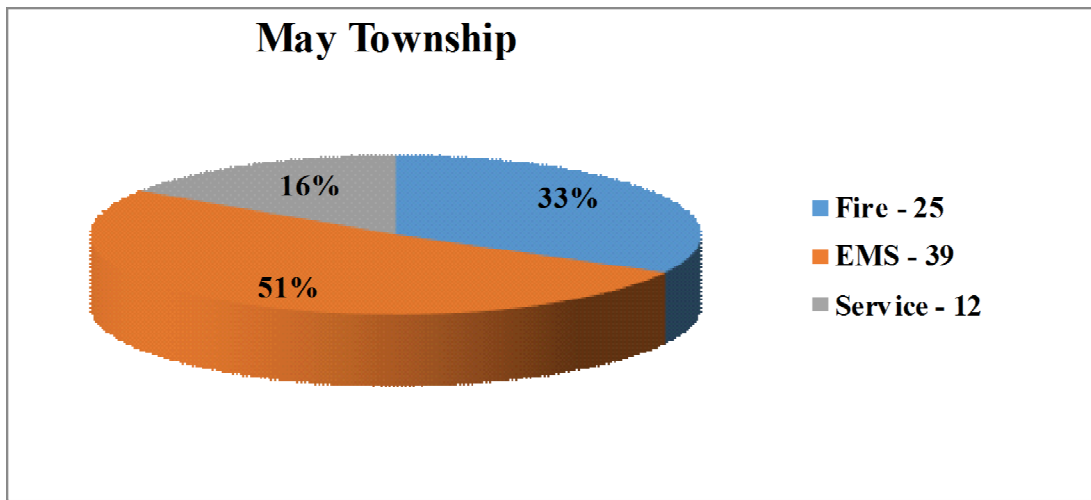


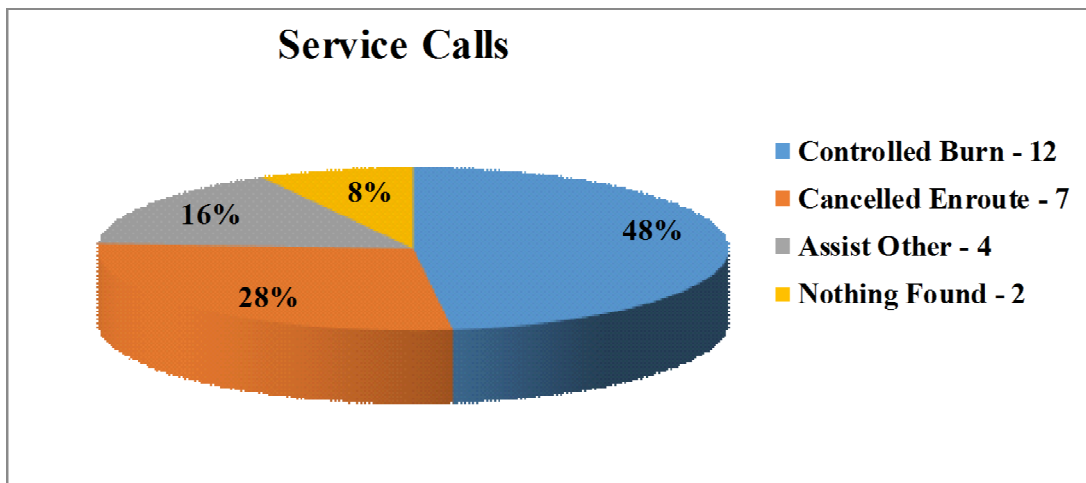
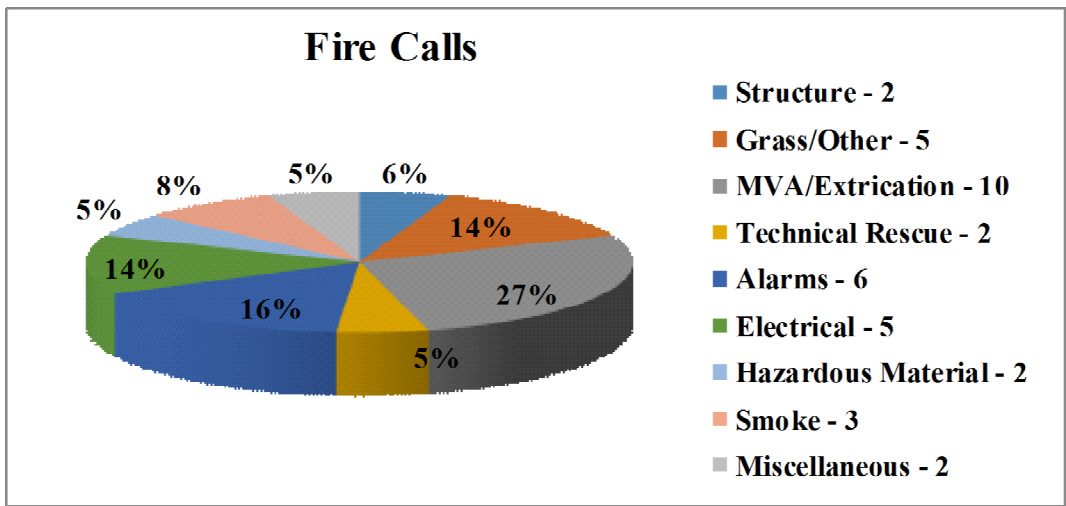
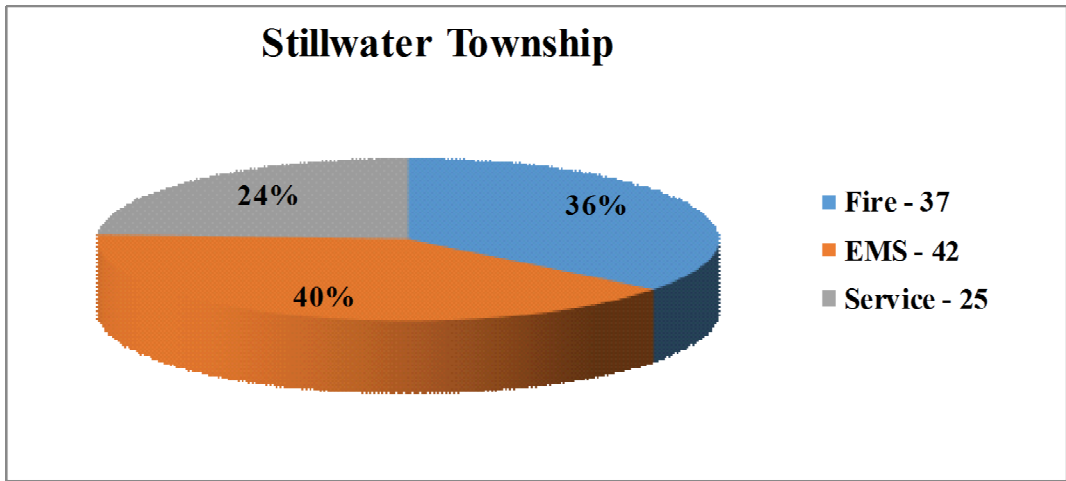


\* District total includes Mutual Aid Calls.









# 2018 IMPROVEMENTS

## GRANT FUNDING / REIMBURSEMENTS

GRANT	AMOUNT
Minnesota Board of Firefighter Training and Education	\$4,114.50
Urban Area Security Initiative Grant (UASI) Traffic Control (Class III Barricades & Mobile Electronic Signboard)	\$27,000.00
Urban Area Security Initiative Grant (UASI) Ipad's for Computer Aided Dispatching (CAD) System	\$2,400.00
Stillwater Firefighter's Relief Association - Dive Rescue Equipment (Communications system, masks, rope, controls)	\$10,500.00
Stillwater Firefighter's Relief Association - High Angle Rescue Equipment (Arizona Vortex Rescue Tripod)	\$5,000.00
Stillwater VFW Auxiliary - Dive Rescue & Water Rescue Equipment (Communication Rope and Comms Controller, 12 life vests)	\$3,000.00



Arizona Vortex Tripod



Dive Rescue Equipment



Dive Training with Water Rescue Equipment



Training on the Arizona Vortex



Dive Training

**Train as if your life depends on it!**

## FIRE PREVENTION & LIFE SAFETY EDUCATION ACTIVITIES

It is important to not only do fire prevention and safety activities, but the Stillwater Fire Department is making sure they are reaching community members to ensure their message is received and results in positive fire safety behavior.

SFD is involved in events year round through numerous venues including but not limited to:

- ◇ Schools and school age groups; family/neighborhood events; art fairs, Veterans Day Memorial Service, Lumberjack Days, Fourth of July, fire and fall prevention for older adults, CPR, fire extinguisher safety training, station tours, car safety seat inspections and much more.

2018 was a busy year for SFD as staff reached out to over 20,000 individuals totaling over 1,140 hours from our dedicated personnel. Community outreach included; Jesse Diggins Welcome Home Parade, Funeral Detail for Officer Gomm and Officer Parise, Law Enforcement Memorial Day, Bayport Memorial Day Parade, Stillwater High School Championship teams along with many others.

Events	People	Hours
4th of July	2,000	161
Community Outreach	13,198	382
Child and Booster Seat Inspections	94	55
Fire Extinguisher Training	285	40
Grant Tractor Parade / Stillwater Township Picnic	600	38
Lumberjack Days	1,200	205
Night to Unite	1,000	66
School Visits	1,517	118
SFD Open House	500	78



Alexander's Special Day - with Love Your Melon



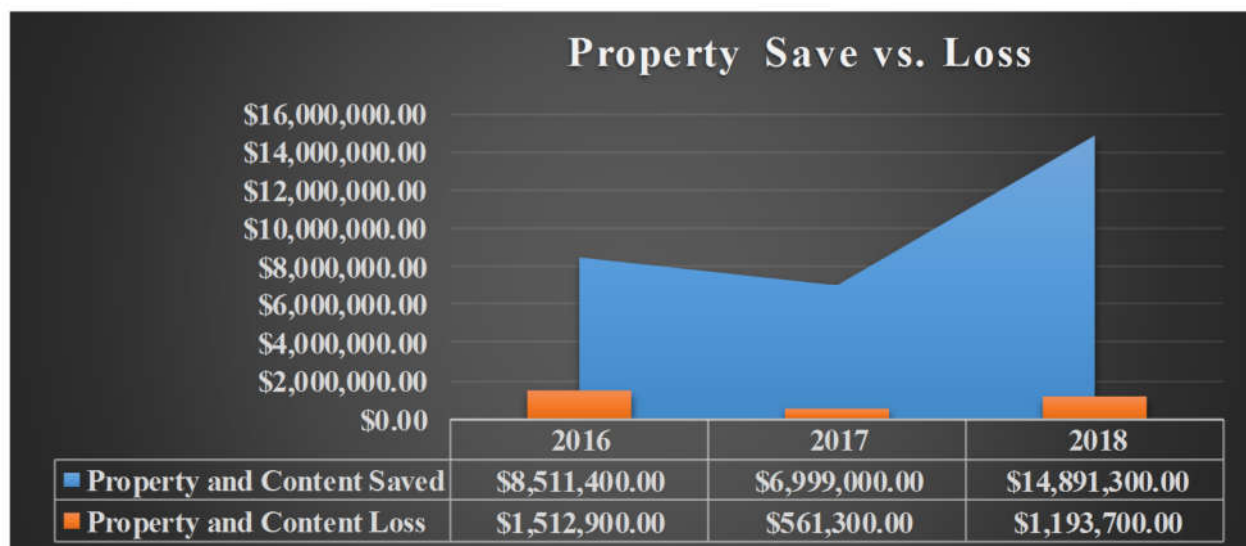
Stillwater Ponies Baseball State Champions

## FIRE PREVENTION & LIFE SAFETY EDUCATION ACTIVITIES

The Stillwater Fire Department personnel are proud of our heritage and are extremely honored to be chosen to protect and provide service to the City of Stillwater, the Birthplace of Minnesota. SFD protects a wide variety of property which have great historical significance to our City and the State of Minnesota.

The chart below indicates the total property and contents saved by the Stillwater Fire Department over the past three years.

### PROPERTY AND CONTENTS SAVED



Cost estimates are derived from property value records from the Washington County Property Records and Taxpayer Services

### CODE ENFORCEMENT



Deputy Chief/Fire Marshal Ballis conducting inspection at The Lakes

SFD conducts inspection and plan reviews annually. The deputy chief/fire marshal and firefighters conduct inspections in existing and new construction, commercial businesses, multi-family residential, daycare/foster care providers, short term home rentals and vacation rentals by owners to ensure ongoing compliance with Minnesota State Fire Code requirements. This is accomplished through general fire inspections of occupancies, fire alarm system testing, tank removal and installation, and inspections for business certificate of occupancy.

Proactive code enforcement supports the mission of SFD to protect life and property through fire prevention and education. In 2018, SFD conducted over 700 business inspections and consults, 98 plan reviews and 79 permits were issued. Staff dedicated over 850 hours conducting inspections and enforcement.



## COMMUNITY OUTREACH - STRIVING FOR EXCELLENCE

### PERFORMANCE SURVEY

2018 marked the second year that SFD sent customer service surveys to individuals that had contact with the Department. The chart below indicates an extremely high level of satisfaction. SFD had a 35% return rate on the surveys mailed and respondents have an opportunity to ask for a call back or write in comments. Below is a graph showing how people responded followed by some of their comments.

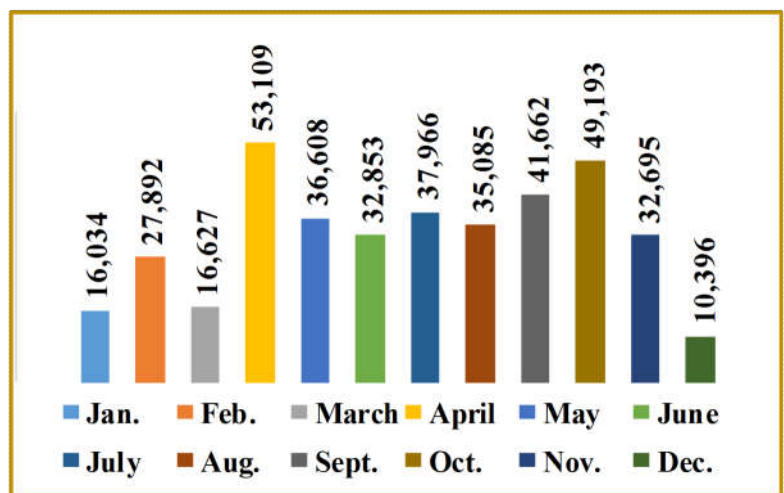


- \* "These folks saved the life of a guest who was at our home. Thank you."
- \* "Thank you very much for the exceptional treatment I received at my home. The team was professional, courteous, and helped my family remain calm."
- \* "The guys were reassuring and helpful. A member passed out during worship and your staff removed him so quietly and respectfully. Some people didn't notice and he was in the 6th row up front."
- \* "They were wonderful and an asset to our community."
- \* "They made a difficult and scary situation so much easier!"
- \* "My four year old son is non-verbal and autistic. Everyone involved did a great job with being understanding and listening on what or ways that work best with him making it easier on all of us."

### FACEBOOK

Another way to stay up-to-date on information regarding SFD is to "LIKE" our Facebook Page.

The chart listed to the right shows the number of views our Page received. December had fewer visits due to the holiday season and the fact fewer items were posted.



<https://www.facebook.com/StillwaterMnFireDepartment>

## STAFF TRAINING

In 2018 SFD was trained and certified to carry and administer the lifesaving drug Naloxone to those patients experiencing cardiac arrest from drug overdose. Stillwater Fire Department completes a variety of training each year to ensure continued compliance with local, state and federal rules and regulations. During 2018 staff members received over 4,637 hours of hands-on and classroom training in addition to hours of computer based instruction. Personnel train several times a month and attend additional training courses and professional development programs. Both full-time and paid-on-call staff maintain certification in Emergency Medical Services and the 12 core firefighting competencies listed below.

---

Firefighter I	Technical Rescue
Firefighter II	Vehicle Extrication
Advanced EMS Certification	Confined Space
Hazardous Materials Operation Level	Water Rescue - Ice, Dive and Surface
Terrorism Awareness Training	Collapse Rescue
Fire Apparatus Operator	High Angle Rope Rescue

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Airboat Drill



Fire Boat Training



Vehicle Extrication



Pumping Drill

## PERSONNEL UPDATES

### PROMOTIONS



Chris Zeuli  
Assistant Chief Operations



Joe Marchetti  
Captain



Jim Roush  
Firefighter/Engineer

### YEARS OF SERVICE

In 2018, SFD was proud and honored to award year of service pins and recognition to the following individuals for their dedication and commitment to the Department.



Bill Peltier  
Firefighter/Engineer  
40 years of Service



Mike Aspengren  
Firefighter/Engineer  
15 years of Service



Todd Kockelman  
Firefighter/Engineer  
5 years of Service

### BADGE PRESENTATION

Congratulations to Firefighters Peter King, David Martin, Hunter Duncan, Karl Sinclair and Joe Forliti who were presented with their SFD badges on December 4, 2018. These five firefighters completed a combined 1,315 hours of training during their one year probation period and answered 434 calls for service. They are now official members of the Stillwater Fire Department family, and we look forward to many years of service and commitment.



Peter King, David Martin, Hunter Duncan, Karl Sinclair, Joe Forliti

## PERSONNEL UPDATES

### NEW HIRES

In 2018 SFD had 23 candidates apply for paid-on-call firefighter positions. Of those 23, four successfully completed the hiring process. SFD's hiring requirements consist of living within 10 miles driving distance of the fire station, written exam, oral interview, physical abilities test, a criminal background check, medical physical and a psychological assessment. The Department is excited to welcome Jacob England, Anthony Harrington, Ryan Sarner and Anthony Wald on board and look forward to your contributions for many years to come.

### RETIREMENT



Jeff Conley retired from the Department after serving 14 years. In his tenure on the Department, Jeff served as a Firefighter and member of the dive team. We wish Jeff well in his future endeavors and thank him for his dedicated and committed service to the community.

### RESIGNATIONS

Sal DiStefano resigned from the Department after serving three years as a Paid-On-Call Firefighter for the City of Stillwater. We thank Sal for his service to the citizens, community and City of Stillwater and wish him well in the future.

Aaron Johnson resigned from the Department after serving two years as a Paid-On-Call Firefighter for the City of Stillwater. We thank Aaron for his service to the Department and community.

### CERTIFICATE OF EXCELLENCE



Todd Kockelman

Congratulations to Firefighter/Engineer Todd Kockelman on his second year of highest response percentage. In 2018 there were a total of 117 All Calls and Todd responded to 85 of those calls for a 73% response rate.



Todd Kockelman and Chief Glaser  
2017 Certificate of Excellence  
Presentation

## APPARATUS



### AIRBOAT 1 (AB1)

2008 American Airboat. AB1 is powered by a 454 HP engine that turns a 3-blade fan that delivers more power at lower rpm and produces less noise. This vessel allows for 3-4 crew and a patient area. AB1 responds to emergencies on land and water where conditions warrant an all-terrain vehicle. AB1 is a cooperative shared resource that is owned by Washington County Sheriff's Office and deployed by both SFD and WCSO personnel.



### BOAT 1 (BT1)

2007 16.5' x 6.5' aluminum rescue boat, 40 H.P. Mercury engine, command console with steering, seat and engine controls, dive platform and light bar mount. This vehicle will be used on lakes and the river for dive operations, fire suppression and rescue.



### BRUSH 1 AND BRUSH 2 (B1 & B2)

2006 Ford F350 4 x 4 grass trucks. B1 and B2 carry 150 gallons of water and have 8 gallon foam tanks, wildland firefighting equipment and a 150 gallon per minute pump with a booster hose and hand lines for wildland/grass firefighting applications.



### ENGINE 1 (E1)

2017 Spartan Chassis with a Custom Fire stainless steel body. E1 is an Engine Company with equipment to respond to both fire and rescue emergencies. On the fire side it is equipped with a 500 gallon water tank, 30 gallons of Class A Foam, hose, ladders and can pump 1,250 gallons of water per minute. The rescue component includes EMS/ first aid equipment, AED, Holmatro vehicle extrication tools, rappelling and ice/water rescue gear.



### ENGINE 2 (E2)

2011 Freightliner M2 Rescue/Engine Company. E2 is a Rescue Engine carrying 750 gallons of water, hoses, ladders, ventilation equipment and a 1,250 gallon per minute rear mounted pump; EMS/first aid equipment and Holmatro extrication equipment. This engine is equipped with Green Star technology that is capable of running all scene lights and components of the truck utilizing a small generator to reduce fuel consumption and emissions.

## APPARATUS



### FIRE BOAT 1 (FB1)

1996 Boston Whaler. FB1 has twin Mercury 225 H.P. outboards, a Waterous E511B fire pump, mounted deck gun, and 1 ½” pre-connected hose line. FB1 responds to emergency calls on the St. Croix River and is capable of transporting the Fire Department Dive Team responding to water emergencies and marine fire suppression operations.



### LADDER 1 (L1)

2002 Pierce Dash Chassis Heavy Duty Aerial Ladder. L1 carries a 105’ steel ladder with a pre-piped waterway, 500 gallons of water, 1,750 gallon per minute single stage pump, hoses, ground ladders, ventilation equipment and the capability of all wheel steering.



### RESCUE 1 (R1)

2018 Ford F350 crew cab chassis with a Knapheide utility box. R1 will be the primary response vehicle for EMS calls, rappelling/rope rescue calls, towing boats, utility trailers and other service calls not requiring a full size large fire apparatus. Equipment carried on R1: EMS equipment including AED and Zoll Rescue Pump, Stokes Basket and Backboard, ballistic vests, water rescue life vests, gas monitors, fire extinguisher and miscellaneous tools.



### RESCUE 2 (R2)

1989 Ford L8000 Chassis Heavy Rescue Vehicle. R2 carries a complement of rescue tools for extrication, high angle, ice/water rescue, cribbing stabilization. EMS/first aid equipment and is a support vehicle used for dive/water rescue and air cascade system for on scene breathing apparatus filling, as well as a rehabilitation station for firefighters at emergency incidents.



### TENDER 1 (T1)

2015 Kenworth Chassis with a Custom Fire stainless steel body. T1 carries 2,000 gallons of water, 30 gallons of foam for rural firefighting applications and water shuttling operations. T1 is capable of pumping 1,000 gallons of water per minute.

## FREQUENTLY ASKED QUESTIONS

### HOW DO I GET A COPY OF A FIRE REPORT?

Contact the Stillwater Fire Department at (651) 351-4963 during the hours of 9:00 AM - 3:00 PM, Monday through Friday and staff will provide procedures to obtain a report.

### WHO DO I CALL TO LEARN CPR?

Call (651) 351-4972 and Assistant Chief Chris Zeuli can set up a training session for you.

### CAN I GET A TOUR OF THE FIRE STATION?

Call (651) 351-4963 or email [Fire@stillwater.mn.us](mailto:Fire@stillwater.mn.us) and we can schedule a time that is convenient for you.

### IS MY CHILD'S SAFETY SEAT INSTALLED CORRECTLY?

Yes, call (651) 351-4963 during office hours which are Monday through Friday 9:00 AM to 3:00 PM to set up an appointment. Plan on one hour and you will need to bring your vehicle manual along with the car seat manual.

### DOES THE FIRE DEPARTMENT DO BLOOD PRESSURE CHECKS?

Yes, stop by the Fire Department during office hours which are Monday through Friday 9:00 AM to 3:00 PM or call (651) 351-4963 to set up an appointment.

### WHAT IS THE DIFFERENCE BETWEEN A CONTROLLED BURN AND A RECREATIONAL FIRE?

A controlled burn is either a pile of brush, trees, leaves and other dry vegetative material or a running fire of the same materials. The size of the burn is limited to less than one acre. Permits to burn for controlled burning in the City of Stillwater can be obtained by visiting the Stillwater Fire Department at 250 Maryknoll Drive North. Burn permits are issued during office hours which are Monday through Friday 9:00 AM to 3:00 PM. The fee for the burn permit is \$20.00 payable by check or credit card. If you are paying by cash, this will need to be done at City Hall.

For burn permits outside the city limits contact the following:

City of Grant: Joyce Welander, (651) 439-2598

Stillwater Township: Steve Nelson (651) 439-0796

May Township: Bill Klein (651) 430-2464

Recreational fires are allowed in the City of Stillwater without a permit if you conduct your burning following these regulations:

Size is not to exceed 3' in diameter and 2' in height

Must be contained within an approved fire pit

Must be located at least 25' from a structure or other combustible materials

Must be attended at all times by an adult

Only clean, dry wood may be used; no leaves or construction materials.

Must have a garden hose connected or an extinguishing device readily available

For any fire larger than what is listed for a recreational fire, you will need to obtain a burning permit.

With both types of fires the Fire Department has the authority to cancel burning and extinguish the fire if they feel the fire is a public safety hazard or we have received complaints of nuisance smoke.

# A WONDERFUL YEAR

