



*Flagstaff Fire Department was established in 1899. Over the years the organization has evolved; resources and personnel have been added in response to the changing demands of the community. Ninety-five (95) men and women make up the diverse work force of the Flagstaff Fire Department. There are seven (7) strategically located fire stations throughout the city limits of Flagstaff. Six are Fire/EMS stations and one is our Wildfire Management station.*

#### **MISSION**

*Ensuring exceptional customer service to the community, visitors, and surrounding region.*

#### **VISION**

*Dedicated to life safety and fire protection services*

#### **VALUES**

*INTEGRITY*

*HONESTY*

*RESPECT*

*TRUST*

### **Our Strategic Initiatives**

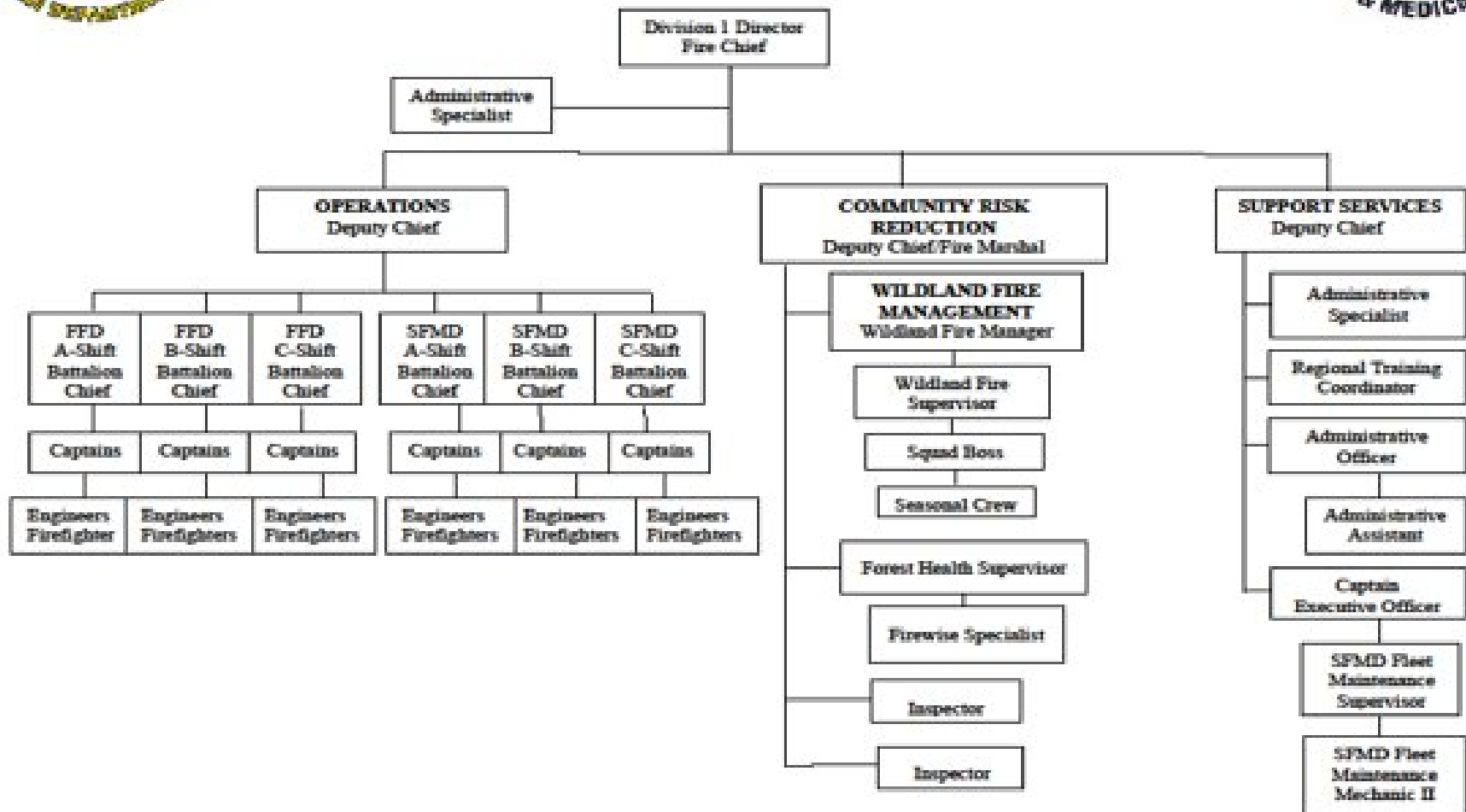
Standardization and Improved Partnership Goals

Sustainability and Funding

Service Levels



# FLAGSTAFF FIRE DEPARTMENT / SUMMIT FIRE & MEDICAL DISTRICT ORGANIZATION CHART – 2021



# **OPERATIONS**

**Fire Operations** is a core foundation of the Flagstaff Fire Department (FFD). The Operations Division is responsible for the rapid and timely delivery of emergency services to any incident that threatens or has the potential to threaten life or property. Six strategically located fire stations house personnel and specialized equipment that provide fire suppression, emergency medical, rescue, and special operations response. The companies are cross trained in a variety of operations and are equipped to respond to all types of emergencies.

The Operations Division performs all duties related to emergency response (fire, rescue, medical and hazard abatement), non-emergency service calls, fire prevention and public education programs, in-service training for all personnel, comprehensive fire pre-planning for high risk and special hazard properties, along with maintaining fire facilities, apparatus and equipment. Each station is manned in shifts. Personnel are assigned to a rotating shift designated as A Shift, B Shift, and C Shift. Each shift works 24-hour days according to the shift calendar. Their work rotation is 2 days on/4 days off, a 48/96 work schedule. Shift Battalion Chiefs are in charge of daily operations at all stations during each of their respective shifts.



**Medical Services:** Emergency Medical Services (EMS) is dedicated to providing pre-hospital medical care to patients suffering from illness or injuries. The EMS system includes 9-1-1 dispatch, first responders, emergency medical technicians (EMTs), paramedics and a third-party ambulance service that transports our patients to the hospital. In the City of Flagstaff, the fire department is responsible for providing EMS services to the community. FFD is equipped with the training, personnel and tools necessary to respond timely to any emergency.

Paramedics and EMT's are trained to recognize and treat life-threatening conditions, such as heart attack and stroke. Quick and accurate medical decision-making by our EMT's and Paramedics is vital to patient safety and definitive hospital treatment. EMS also strives to maintain the health and safety of the community through public safety services, such as community education, including CPR.

**Wildfire Suppression Response:** The number one threat to the City of Flagstaff's environmental, social and economic well-being is catastrophic wildfire. Fire is a natural component of a healthy ponderosa pine forest but also a force of nature that can be difficult to control. We work closely with state and federal agencies to protect the community from catastrophic wildfires by creating a fire adapted forest and community. In addition to full-time and seasonal firefighters in the Wildland Fire Division, all operations personnel are trained as wildland firefighters and many have advance training in wildfire suppression and management.

**Special Operations:** Flagstaff Fire Department Special Operations Division is a multi-faceted division of the fire department serving Northern Arizona. The special operations team represents a group of firefighter personnel that, in addition to their firefighting duties and training, elect to diversify and train to meet the challenges and dangers of specific rescue environments. Special Operations encompasses the following unique and high hazard response disciplines:

- Hazardous Materials Response
- Technical Rescue / Confined Space Rescue
- Trench Rescue
- High Angle Rescue
- Short Haul (Airborne) Rescue
- Heavy Rescue
- Cold Water/Ice Rescue



## **TRAINING:**

The training function is internal to the Operations Division and generally increases the competency of our response personnel. These training activities include:

- Coordinate testing process for firefighter hiring.
- Over 30,000 hours of in-service training is provided to personnel (240 hours) annually to ensure skills meet identified performance standards for each employee.
- Assist local, area, and state agencies with training needs. This training is usually held at our regional training facility.
- Recruit training and probationary skills assessment.

### **CALLS FOR SERVICE**

<b>TYPE YEAR</b>	<b>Fires</b>	<b>EMS</b>	<b>False/Good Intent</b>	<b>Other</b>	<b>TOTAL</b>
<b>2011</b>	346	7383	1615	563	9,907
<b>2012</b>	194	7693	1682	567	10,131
<b>2013</b>	177	8304	1772	659	10,912
<b>2014</b>	212	9212	1893	654	11,971
<b>2015</b>	168	10997	863	747	12,775
<b>2016</b>	190	10834	2237	779	14,040
<b>2017</b>	191	11174	2550	760	14,675
<b>2018</b>	179	12118	1148	825	14,270
<b>2019</b>	144	12620	1135	826	14,725
<b>2020</b>	162	11569	2621	1360	15,712

## **COMMUNITY RISK REDUCTION**

### **OVERVIEW**

The Flagstaff Fire Department Community Risk Reduction (CRR) section works to provide a safe community for the citizens and visitors of Flagstaff by applying the principles of engineering, enforcement, and education. The Department utilizes the 2018 International Fire Code (IFC) and the 2006 Wildland Urban Interface Code. These codes, along with local amendments, help to protect citizens and property from the hazards of fire, explosion or dangerous conditions in new and existing buildings and ensure firefighter safety during emergency operations. We also coordinate fire and life safety development review of potential incoming projects, periodic commercial occupancies inspections, education and outreach to at-risk populations in our community as well as public information and fire investigations.

## **DEVELOPMENT SERVICES REVIEW (ENGINEERING)**

The CRR Section ensures that the requirements of the IFC and National Fire Protection Association (NFPA) standards are engineered into new construction projects in our community. Staff conduct plans review and approval as well as providing technical expertise to developers, architects, contractors, the internal community development team and our operational personnel. CRR saw a large increase in the number of submittals this past year and anticipates further increases in 2020.



## **OCCUPANCY FIRE INSPECTIONS (ENFORCEMENT)**

### **Annual Operational Inspections**

Code enforcement activities focus on ensuring that existing buildings and facilities are operated and maintained to governing codes providing a safe environment for the employees, citizens, and visitors of Flagstaff and for emergency response personnel. The primary tool for this initiative is annual fire inspections. Inspections are conducted in all medium and high-risk businesses through an annual inspection program. This program is performed by all personnel. Every inspection affords us an opportunity to educate and inform our customers by identifying fire hazards.

#### ➤ **Community Risk Reduction Staff**

Our fire inspectors are responsible for all inspections related to new construction such as site inspections and the proper installation and final acceptance tests of fire protection systems. Our community risk reduction staff also conduct inspections in high-risk facilities which include large life safety hazards such as assemblies or institutional facilities, industrial facilities with large quantities of hazardous materials and buildings over 120,000 sq. feet in size. CRR staff also conduct inspections related to state licensing of certain occupancies, kitchen hoods, special events, and inspections requiring technical expertise.

#### ➤ **Operations Personnel**

The Operations section of the department is also very engaged in fire prevention and code enforcement. Buildings and occupancies other than one and two family dwellings are inspected on a regular and systematic basis by the local fire companies.

## Special Events

Flagstaff sees a large use of its outdoor municipal facilities for temporary special events during the summer and fall. Community Risk Reduction staff coordinate life safety reviews and inspections of these events to ensure public safety at large public gatherings including fairs, concerts, sporting events, and festivals. We also inspect and issue permits related to outdoor cooking, trade shows and other high-profile events where tents are in place.



### **PUBLIC EDUCATION- COMMUNITY OUTREACH (Education )**

The goal of public education and community outreach is to keep all of Flagstaff's temporary and full-time residents fire safe. Public education programs strive to provide accessible fire safety information to all Flagstaff.

FFD conducts station tours, school presentations, fire extinguisher classes, fire safety talks, evacuation drills and participates in a wide variety of special events including parades, health fairs, summer camps, and ice cream socials all with the goal of spreading our safety messages.

#### ➤ **Partnerships**

The Flagstaff Fire Department teams up with the American Red Cross and Northern Arizona University to provide our community with a Smoke Alarm Installation Program.

This partnership installs (at no charge) smoke alarms, and replaced batteries in alarms at homes of low-income, seniors, disabled and deaf/hard of hearing residents.

Media releases for the Flagstaff Fire Department includes not only major emergency incidents but public education projects that are pertinent to our community. Events such as our community smoke detector outreach and wildfire safety tips.

## **FIRE INVESTIGATIONS**

The purpose of a fire investigation program is to discover the fire origin and cause, and to determine if a fire was caused by arson. Tasks include scene investigation, documentation, fire pattern interpretation, and scene safety. Investigation are conducted on most fires we respond to - structure fires, vehicle fires, wildland fires. This information is critical to discover trends and patterns in a community and to use the data to set up possible mitigation, and risk reduction efforts.

## **WILDLAND FIRE MANAGEMENT**

Flagstaff, Arizona is known for its sacred peaks and beautiful pine forests. Our economy and quality of life are linked to an intact, healthy natural environment. Unfortunately, nearly 150 years of fire suppression-based forest management has left the landscape at risk of uncharacteristic, high severity wildfire.

Wildland fire is the #1 fire risk to our community and the Wildland Fire Management (WFM) division is also a core service effort. Flagstaff's Wildland Fire Management program is unique among municipal governments and is considered a regional and national model. We treat several hundred acres each year (within the City) and work cooperatively with our partners to treat additional acres on surrounding jurisdictions within our "threat zone".

Wildland Fire Management staff achieve their mission by collaborating with multiple departments within the City. WFM is working with Sustainability to develop equitable smoke mitigation strategies and with Water Services to continue wildfire risk reduction efforts in the Upper Lake Mary Watershed while supporting research to better understand the connections between healthy forests and water yield.

In 2012, the **Flagstaff Watershed Protection Project**, a local bond initiative that raised \$10 million for forest treatments, was approved by Flagstaff's voters with 74% support. The event that triggered this initiative is the 2010 Shultz Fire. The Ecological Restoration Institute's 2013 report *A Full Cost Accounting of the 2010 Shultz Fire* estimates that the economic impacts of the Shultz Fire are between \$133-147 million. Northern Arizona University's 2014 report *Flagstaff Watershed Protection Project Cost Avoidance Study* estimated that the damages the Flagstaff Watershed Protection Project hopes to mitigate are between \$573 million and \$1.2 billion.

This summer, the City of Flagstaff developed an innovative way to further invest in the prevention of undesirable wildfire impacts. On August 1, 2020, the Water Resource and Infrastructure Protection fee will be included for City of Flagstaff water services customers. Flagstaff's water supply is 100% local coming from surface water and wells. Maintaining water quality and distribution infrastructure requires investing in the maintenance of a fire adapted forest. This fee will support the Flagstaff Fire Department's Wildland Fire Management Program's ability to protect Flagstaff and its priority watersheds from the effects of catastrophic wildfire. A fee of \$0.52 per 1000 gallons of water used will provide a reliable and stable source of funding for the Wildland Fire Management Program, the only fire management resource in Flagstaff that reports to locally elected leadership. This fee is part of a larger municipal services billing restructure based on consumption that will maintain monthly water costs for average water volume users while raising costs for large volume water users.

## Key Annual Performance Standards and Benchmarks for the Wildland Fire Management Division include:

- Plan, implement, monitor and report on the Flagstaff Watershed Protection Project
- Treat 400+ acres within Flagstaff (thinning, debris disposal, controlled burns)
- Assist neighborhoods in attaining national “FireWise” designation and “Fire-Adapted Communities” status
- Provide individual property and home assessments, with corrective recommendations
- Lead and participate in local/regional/national collaborative initiatives. (e.g. Four Forest Restoration Initiative, Fire Adapted Communities Learning Network, National Cohesive Strategy Western Region Steering Committee, Prescribed Fire Training Exchange Network, Greater Flagstaff Forests Partnership)
- Provide critical management expertise and skills during wildfire events (e.g. Shultz and Museum Fires)
- Interpret and apply the Wildland Urban Interface Fire Code.
- In concert with our partners, coordinate smoke management efforts, mitigate smoke impacts to vulnerable communities, support and contribute to restrictions/closures actions
- Document, invoice, and track wildfire-related reimbursements (≈\$1,000,000/year).



Crew 1 assisting with a lightning caused fire on Observatory Mesa



Pile burn operations were conducted on Observatory Mesa



Ponderosa pine mechanical thinning in the FWPP footprint



Mechanical thinning efforts within the FWPP footprint

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# Flagstaff Fire Department Contact Information

## SOCIAL MEDIA

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*Facebook* and *Twitter* accounts are advertised and managed in order to provide residents and visitors with important, real-time information related to prevention tips, preparedness material, on-going response activities, and mitigation recommendations.

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Simply "LIKE" us on our Facebook page by visiting

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or scan the code below with your *Smart Phone* bar code scanner to link to our Facebook page.



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You can also "FOLLOW" us on Twitter at **@FlagstaffFire** by visiting our page at [www.twitter.com/flagstafffire](http://www.twitter.com/flagstafffire) or you can scan the code below with your *Smart Phone* bar code scanner to link to our Twitter page.



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