

Monument Fire District

Community Risk Assessment and Standard of Cover



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MISSION

Monument Fire serves and safeguards our community every day, every call, everyone.

VISION

We will accomplish our mission by embracing progress while honoring our traditions.

VALUES

CHARACTER CONNECTION COMMITMENT



Monument Fire District Board of Directors

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Acknowledgments

This document would not have been possible without the following subject matter experts.

Chief Andy Kovacs

Division Chief Jonathan Bradley

A MESSAGE FROM THE FIRE CHIEF



The Monument Fire District (MFD) is committed to serving our community through our values of character, connection, and a commitment to excellence. This is achieved through the efficient and effective delivery of services our internal and external stakeholders have come to expect. In alignment with our Strategic Plan, the Community Risk Assessment (CRA) and Standards of Cover (SOC) help define what that dedication looks like. While this document is only one requirement to achieve accreditation through the Commission on Fire Accreditation International (CFAI), it represents our organizational philosophy of self-assessment, values, data-driven decision-making, and desire for continuous improvement.

The MFD has historically provided exceptional service to the community under other organizational names because of consolidation. However, pursuing and adopting a strategic plan in 2021 was the first of many deliberate steps to achieve agency accreditation. The strategic plan was the collaboration of recommendations from a 2019 Emergency Services Consulting International (ESCI) Master Plan, an employee survey, and a community workshop. Adopting the results of this multi-faceted approach has informed how the district derives its annual budget, what our citizens and firefighters desire, and establishes our organizational vision. Combining the strategic plan, CRA, and SOC will identify the risks/threats to our community, establish a commensurate level of response to those threats, and re-evaluate our response performance to the standards we have set forth.

This document represents the opportunity to demonstrate our “future self” through deliberate and measured performance standards as determined through the input of internal and external stakeholders. Of course, this is only a snapshot in time and requires our commitment to self-assessment and the continuous improvement process. It will require us to evaluate all we do, including operations and administrative staffing, capital expenditures, community risk reduction efforts, district programs, and all-risk services. Our desire to be a best-in-class fire department relies on us learning from the past while looking to the future to meet the ever-changing needs of our community. MFD is committed to serving through our mission, vision, and organizational values of Character, Connection, and Commitment to Excellence.

Executive Summary

The Monument Fire District Community Risk Assessment and Standards of Cover (CRA-SOC) document provides a comprehensive evaluation of the Monument Fire District (MFD) in northern El Paso County, Colorado. The document encompasses the district's organizational structure, services, risk assessments, and performance goals.

The MFD serves a diverse community that includes urban and rural areas, covering the Town of Monument and surrounding unincorporated communities. The district is formed by the Tri-Lakes Monument Fire Protection District (TLMFPD) and the Donald Wescott Fire Protection District (DWFPD), which operate under the Colorado Revised Statutes 32-1-101 Special Districts Act. The TLMFPD manages the combined operations through a contractual agreement, and both districts are governed by publicly elected boards of directors.

The MFD provides a range of fire and emergency services including fire suppression, emergency medical services, technical rescue, hazardous materials response, and wildland fire services. The district operates multiple fire stations and maintains a fleet of apparatus to ensure readiness and effective response to emergencies.

The document outlines a detailed risk assessment covering natural and man-made hazards such as wildfires, floods, severe weather, hazardous materials incidents, and human-caused risks. Wildfire poses a significant threat, with 94% of the district within the Wildland Urban Interface (WUI), and the document highlights historical wildfires that have impacted the region.

The MFD has established performance goals aligned with community priorities, focusing on response times and effective resource deployment. These goals include benchmarks for various types of emergencies, categorized by risk levels and geographic areas (urban vs. rural). The district uses data from its records management system to analyze response performance and ensure continuous improvement.

Critical infrastructure and resources within the district are evaluated, including water supply systems, transportation networks, and utility services. The document identifies areas of high, moderate, and low hazard based on the potential impact on the community and emergency response capabilities.

This document serves as a foundational assessment to guide the strategic planning, resource allocation, and operational improvements of the Monument Fire District, ensuring it meets the evolving needs of the community it serves.

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Description of Community Served

Community and Department Legal Basis

Monument Fire District (the district) serves a community located in northern El Paso County, Colorado. The district covers a diverse area with a mix of urban and rural areas. The Monument Fire District is comprised of two Districts, the Tri-Lakes Monument Fire Protection District (TLMFPD) and the Donald Wescott Fire Protection District (DWFPD), which are legally established through the Colorado Revised Statutes 32-1-101, Special Districts Act. Through a contractual agreement, the Tri-Lakes Monument Fire Protection District (TLMFPD) manages the combined district's operations, including the Donald Wescott Fire Protection District (DWFPD). It does business as Monument Fire District (MFD).

TLMFPD is governed by a seven (7) member, publicly elected board of directors that meets monthly. Directors must reside in the district and are elected to two and four-year terms. There are no term limits. DWFPD is governed by a five (5) member, publicly elected board of directors that meets every other month. There are no term limits. The BODs provide general guidance to the Fire Chief regarding the appropriation of financial revenue through a multi-step budget process, review and guide the Fire Chief on tax-related levies, approve hiring additional personnel, and deliver programs and services to the community.

History

The area served by the Monument Fire District is centered around the Town of Monument, with multiple unincorporated named communities in the immediate vicinity.

Monument, Colorado, is a small town in El Paso County. It is situated at an elevation of 7,320 feet and currently covers an area of 12.47 square miles. The town is located between Denver and Colorado Springs.

The town of Monument was first settled in 1865 by Mr. David McShane and was named Henry's Station. It was then renamed Monument for the nearby geological formation known as

Monument Rock and incorporated in 1879. In the early days, Monument was a stopover point for travelers and freight wagons on their way to the gold fields of the Rocky Mountains. (Palmer



FIGURE 1 TOWN OF MONUMENT

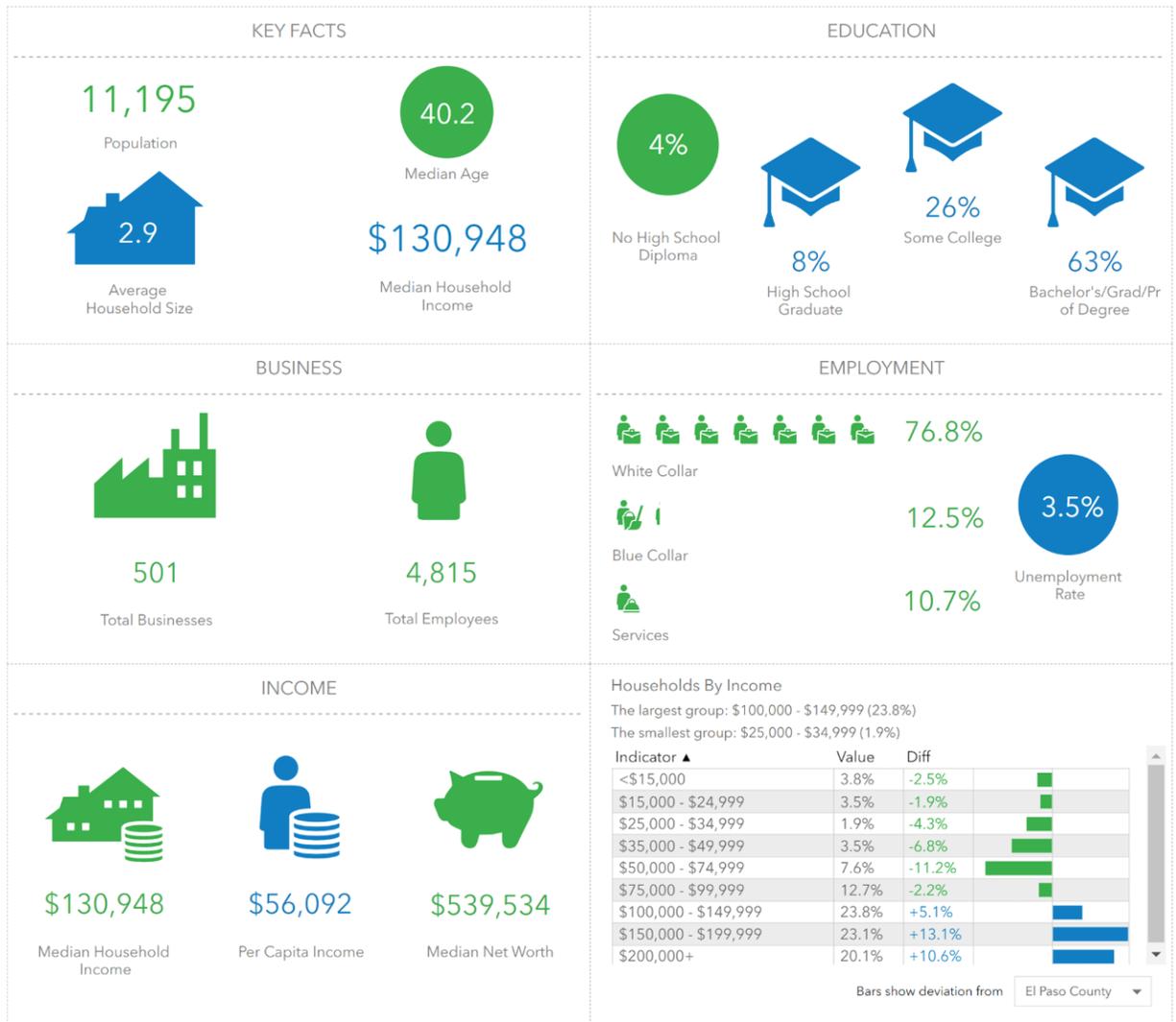
Lake Historical Society and the Vaile Museum)

Today, Monument is a quiet residential community with a population of approximately 11,195 people. The town has a strong sense of community, and residents take pride in

their small-town charm and natural surroundings. The area is known for its scenic beauty, with rolling hills and stunning views of Pikes Peak and the Rocky Mountains.

Key Facts

Town of Monument



This infographic contains data provided by Esri. Esri-Data Axle. The vintage of the data is 2022-2027

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FIGURE 2 TOWN OF MONUMENT KEY FACTS

Monument has several parks and recreational areas, including Dirty Woman Park, Monument Lake Park, Limback Park, and the Santa Fe Trail. The town hosts several annual events, including the Fourth of July Parade, the Memorial Day Ceremony, the Concerts in the Park, the Monument Tree Lighting Ceremony, and the Festival of the Arts.

Overall, Monument, Colorado, is a beautiful and peaceful community with a high quality of life.

Community Financial Basis:

The Fire District’s financial basis is overwhelmingly reliant on property taxes collected from the residents and businesses within the district boundaries. These taxes fund the Monument Fire District's operations, maintenance, and capital improvement projects. Additional funding streams include fees for ambulance transportation, building plan reviews, other government entity reimbursements, and specific administrative services.

Community Boundaries:

The Monument Fire District is in a region that spans El Paso County and includes the town of Monument and unincorporated areas of El Paso County. The exact boundaries of the fire district are determined by local ordinances and agreements with neighboring fire districts and may be subject to change.

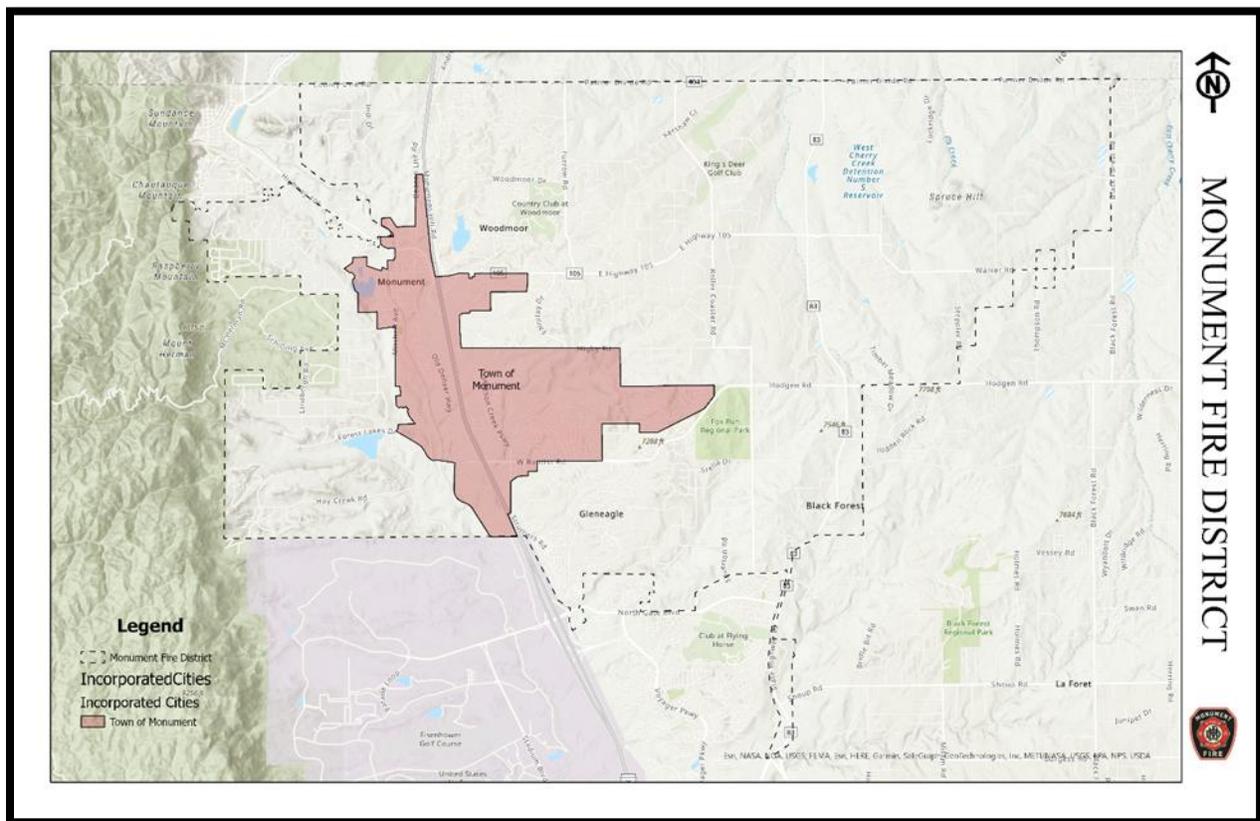


FIGURE 3 TOWN OF MONUMENT LEGAL BOUNDARIES

Community Transportation Systems:

The community is served by an extensive transportation system, including highways, local roads, and public transportation options such as buses. The area is also known for its recreational trails and bike lanes, which provide alternative transportation options for residents and visitors.

Community Critical Infrastructure:

The community's critical infrastructure includes medical clinics, schools, government buildings, power substations, telecommunication networks, major roadways, a railway, and dams. These infrastructures are vital for the well-being and safety of the community, and the Monument Fire District works closely with local agencies to ensure emergency preparedness and response plans are in place to protect them.

Community Land Use and Zoning:

The community has various land uses, including residential, commercial, industrial, and recreational areas. Local zoning regulations and land use planning help guide development and growth within the community and ensure proper land use and zoning practices are followed.

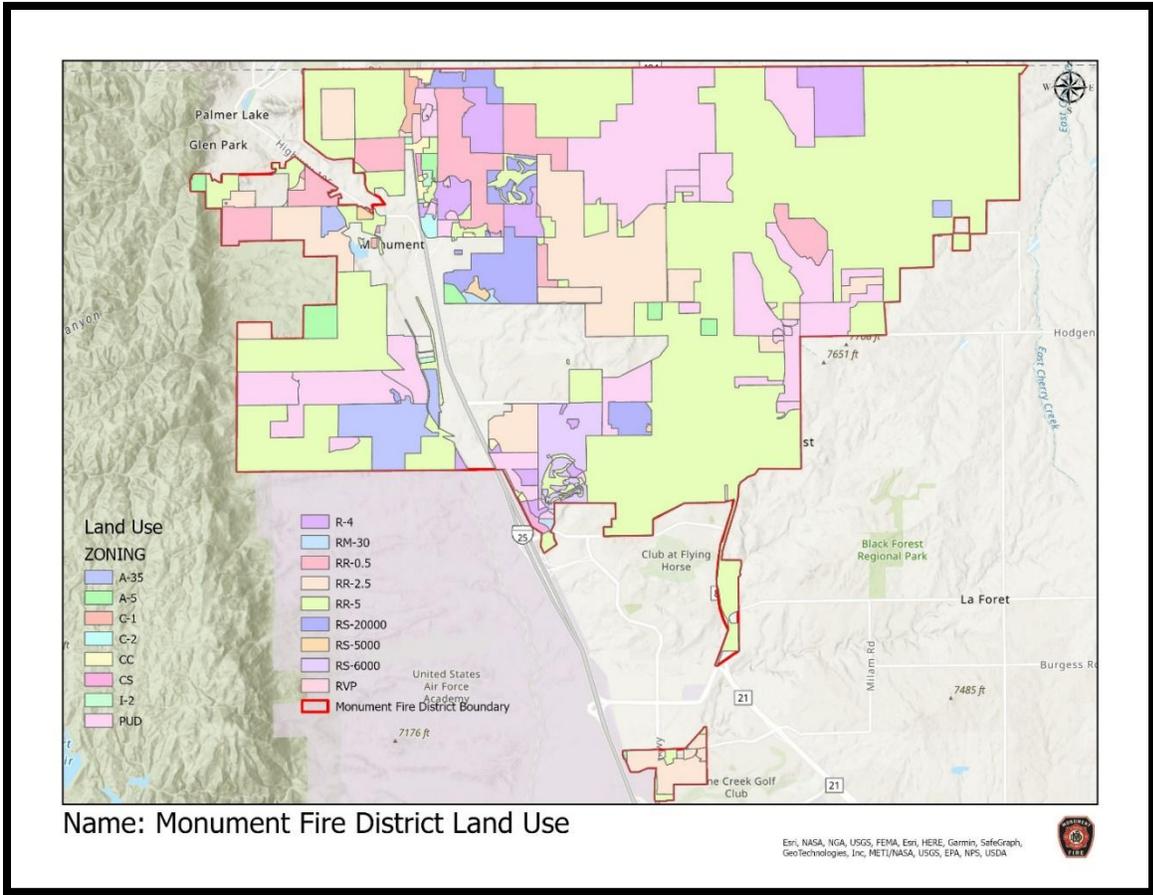


FIGURE 5 MONUMENT FIRE DISTRICT PLANNING MAP

Community Topography:

The community's topography varies, ranging from flat plains to rolling hills and rugged mountains. The highest point within the fire district is Spruce Hill, at 7,696 feet. The district's western edge is distinguished by steep terrain with limited access on the border of and into the Pike National Forest. The district's topographic feature affecting daily operations is elevation gain from the population core around Interstate 25, heading east along Baptist Road, Higby Road, and State Highway 105. The landscape can impact firefighting efforts, affecting access, water supply, and fire behavior.

Community Geography:

The community is in a diverse geographic area with varying terrain and natural features. It may include forests, grasslands, lakes, and other unique geographical features that can influence fire behavior and firefighting strategies.

Community Geology:

The community's geology may vary, depending on the location. It could include different types of rocks, minerals, and formations, which may impact firefighting efforts, such as water availability, access, and fire spread.

Community Physiography:

The community's physiography refers to studying landforms and natural processes that shape the landscape. This may include mountains, valleys, plateaus, and other landforms that impact fire behavior and firefighting strategies.

Community Climate:

The community's climate varies depending on the location, but it generally experiences a semi-arid to arid climate, with hot, dry summers and cooler winters. Weather conditions, including temperature, humidity, wind, and precipitation, can significantly impact fire behavior and firefighting efforts. Chinook winds can occur within the district. They are often warm and dry winds from the west. They can reach speeds of 80 mph and can influence fire or other incidents.



FIGURE 6 EXAMPLE OF A CHINOOK WIND EVENT

Community Population and Densities:

The community's population and densities vary depending on the location within the fire district.

It may include a mix of urban and rural areas with varying population sizes and densities.

Population demographics, including age, race, income, and education, may also vary, influencing emergency preparedness and response strategies.

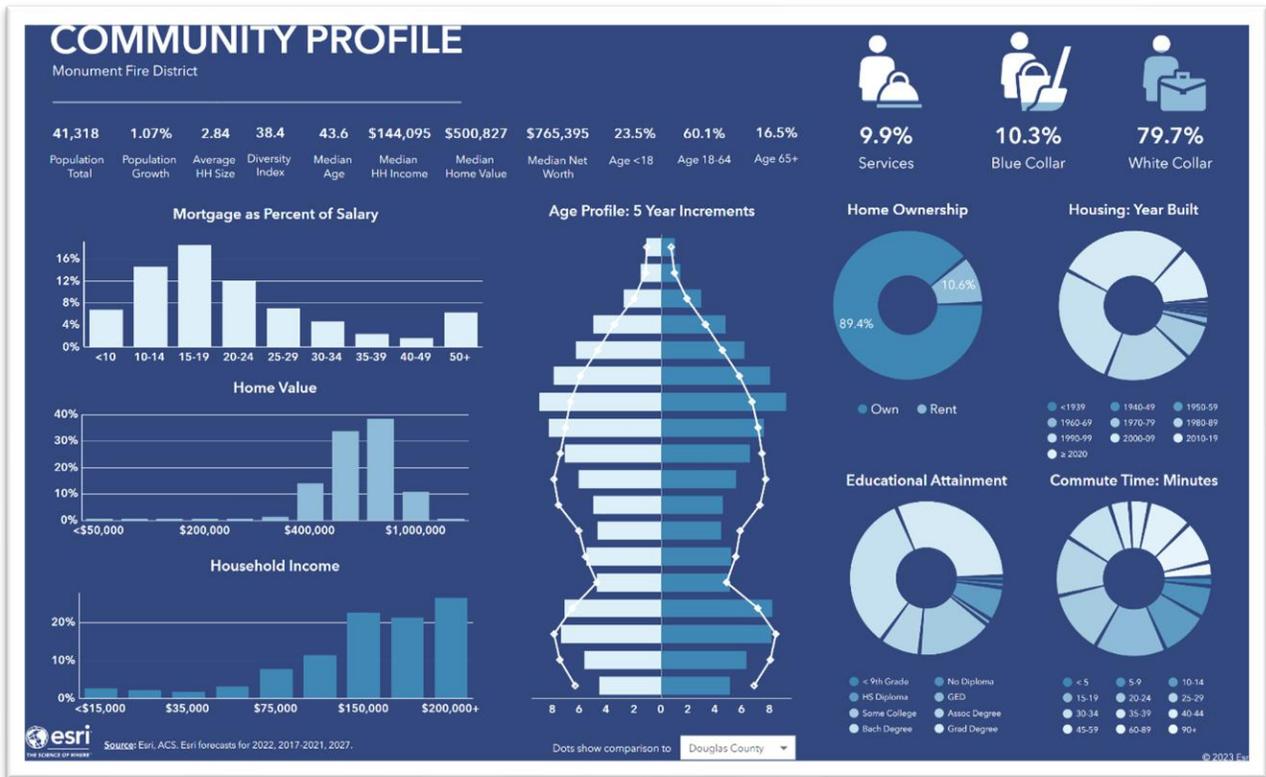


FIGURE 7 MONUMENT FIRE DISTRICT COMMUNITY PROFILE

Community Demographic Features:

The Monument Fire District serves a diverse community in terms of age, race, ethnicity, income levels, and other demographic features. These demographic features may influence the community's emergency preparedness and response plans and the type and frequency of emergency incidents the fire district faces.

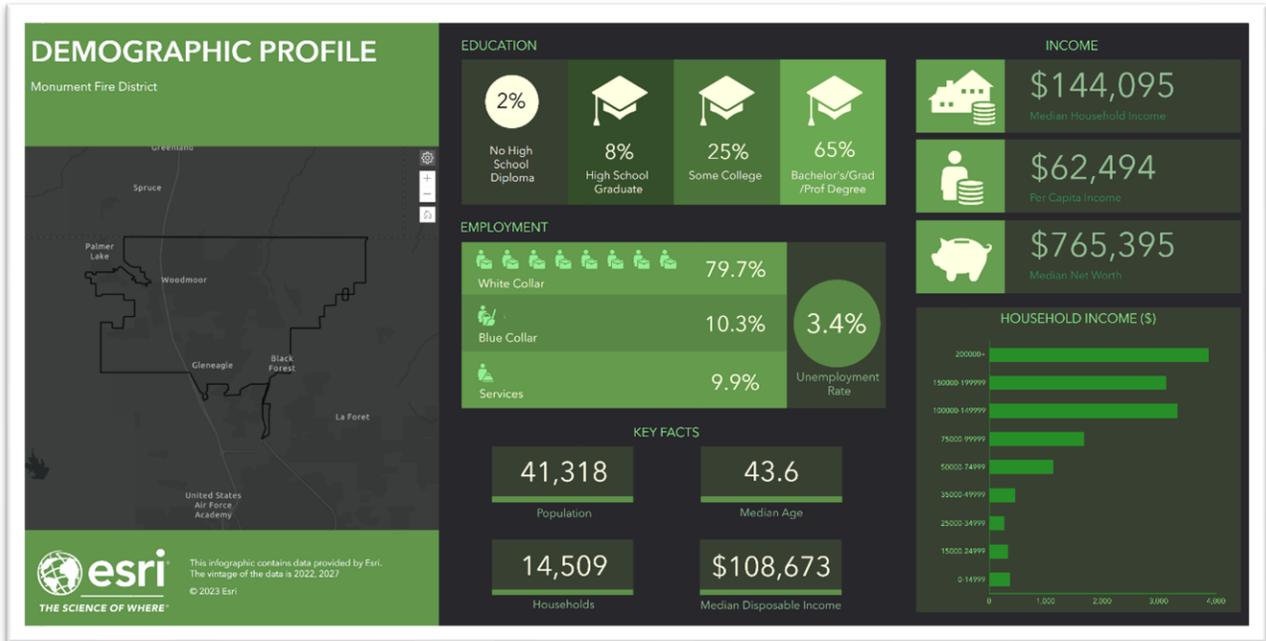


FIGURE 8 MONUMENT FIRE DISTRICT DEMOGRAPHICS

In conclusion, the Monument Fire District serves a diverse community with varying financial basis, transportation systems, critical infrastructure, land use and zoning, topography, geography, geology, physiography, climate, population, and demographic features. Understanding these characteristics is crucial for the fire district to effectively plan.

Description of Fire and Emergency Services Provided

History of the Fire and Emergency Services Agency

The Monument Fire District was created by the consolidation of two fire districts, Tri-Lakes Monument Fire District and Donald Wescott Fire District. In 2021 the districts combined operational resources through a management contract with the plan to complete a legal consolidation into one district in 2024. The organization has an all-paid staff and operates out of five fire stations, and one headquarters facility.

The Tri-Lakes Monument Fire Protection District was created as a result of consolidation. In 2004, the Woodmoor-Monument FPD and Tri-Lakes FPD became regional fire authority and ultimately became one district on January 1, 2008.

Monument Volunteer Fire Department began in the late 1930s and provided services to the area. The Woodmoor-Monument Fire Protection District was formed in the mid-1970s to protect an area of new development. This was a statutory fire district with a tax base and paid staff. The Monument Volunteer Fire Department became the Tri-Lakes Fire Protection District. The area's growth in the late 1990s necessitated hiring full-time staff to supplement the volunteer staff.

The Donald Wescott Fire District was formed in 1981 and was named after Firefighter Donald Wescott, who died in a structure fire in 1976. Before the district was formed, the organization was known as El Paso County Volunteer Fire. Over the next 40 years, the district grew from an all-volunteer organization to a combination of paid personnel and volunteers.

Legal Establishment of the Fire Department

The district is established under two service agreements adopted by the board of directors. The Tri-Lakes Monument Fire Protection District and Donald Wescott Fire Protection District Service Plans.

Current Legal Boundary of Service Area

The Monument Fire District (the district) consists of 62 square miles and serves a population of 41,000 people. The district provides emergency services to the Town of Monument and unincorporated El Paso County, Colorado. The actual property value protected within the district boundaries is 8.8 billion dollars, per the El-Paso County Assessor’s Office. The district boundaries are identified within the Donald Wescott, Tri-Lakes, and Woodmoor Monument Fire Protection District service plans. The Monument Fire District has a mix of urban and rural areas. The district currently has 32,100 acres, 49% rural area, and 33,281 acres, or 51% urban area.

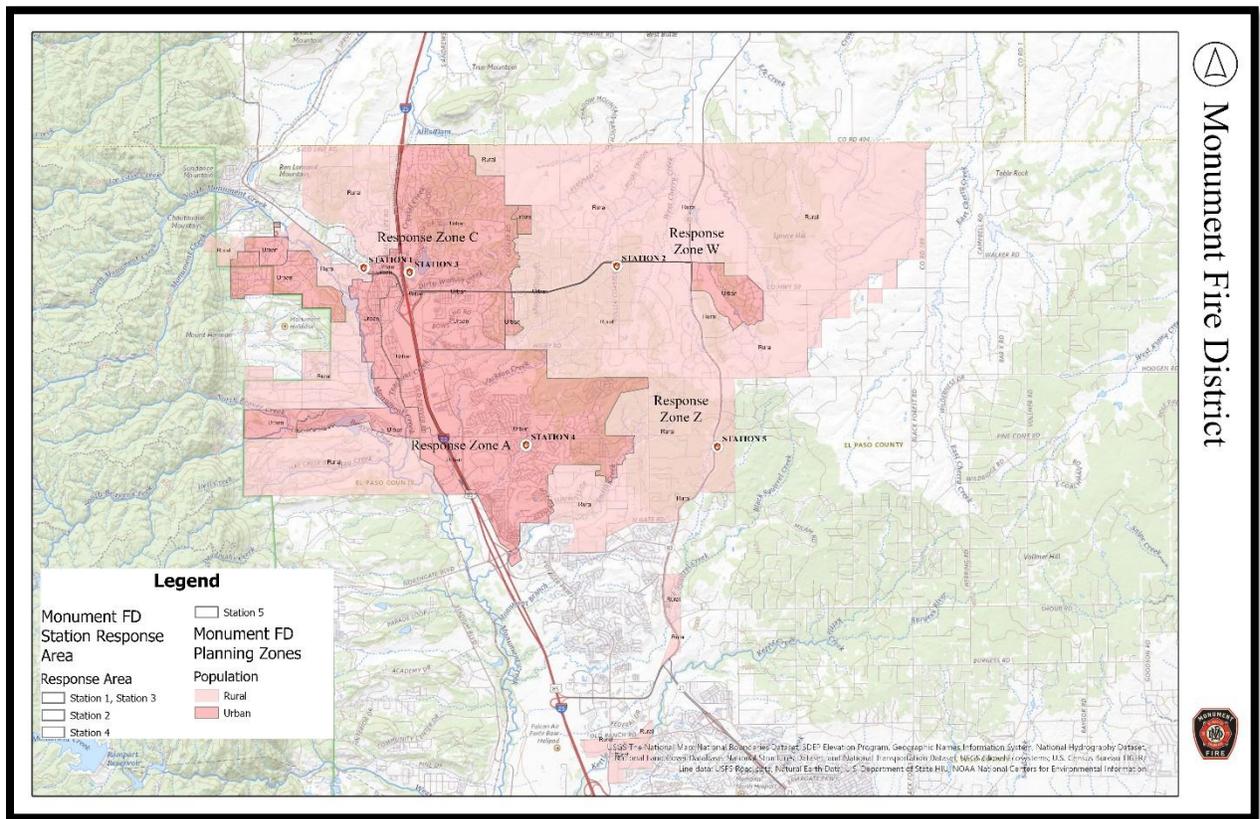
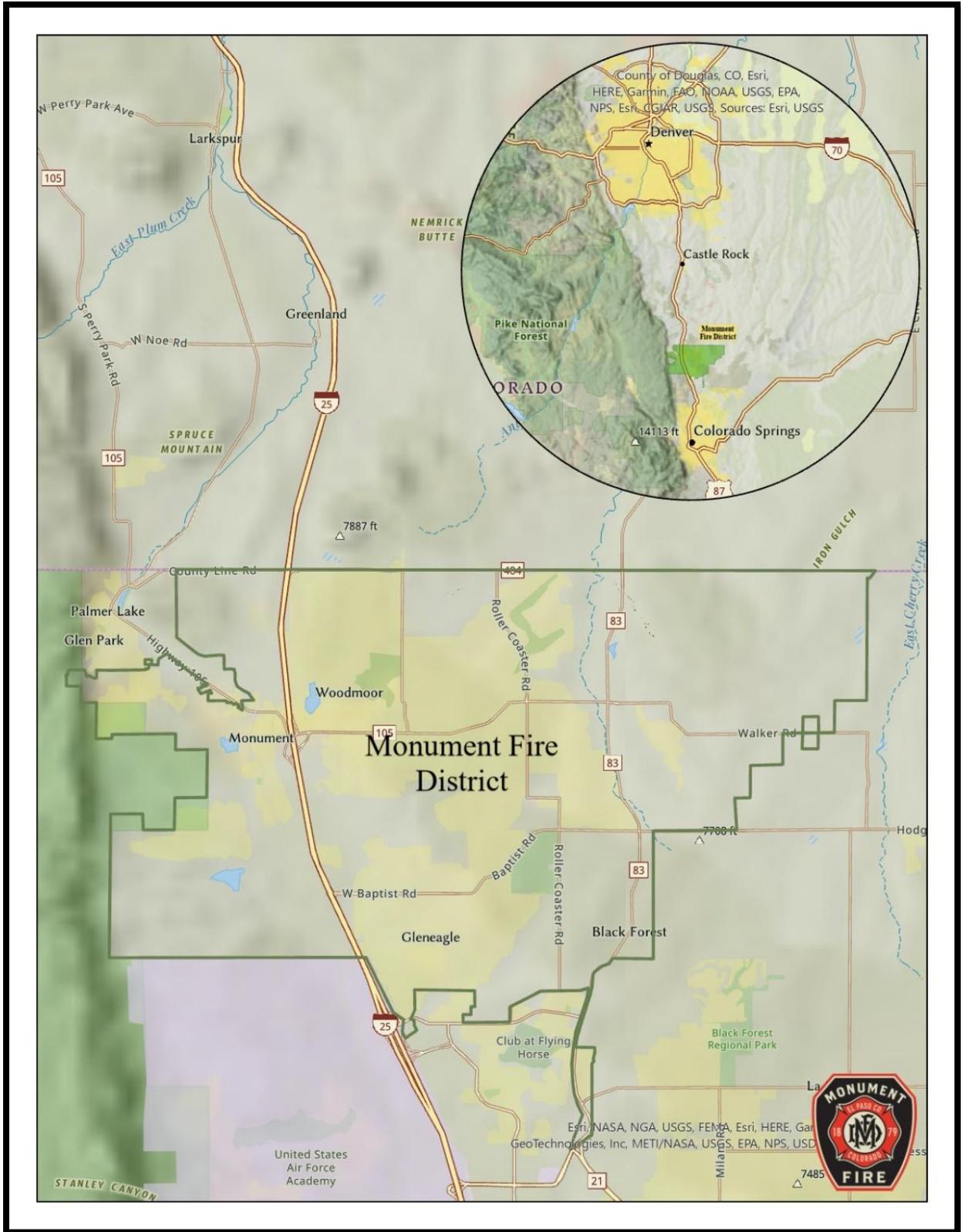


FIGURE 9 MONUMENT FIRE DISTRICT POPULATION DENSITY MAP



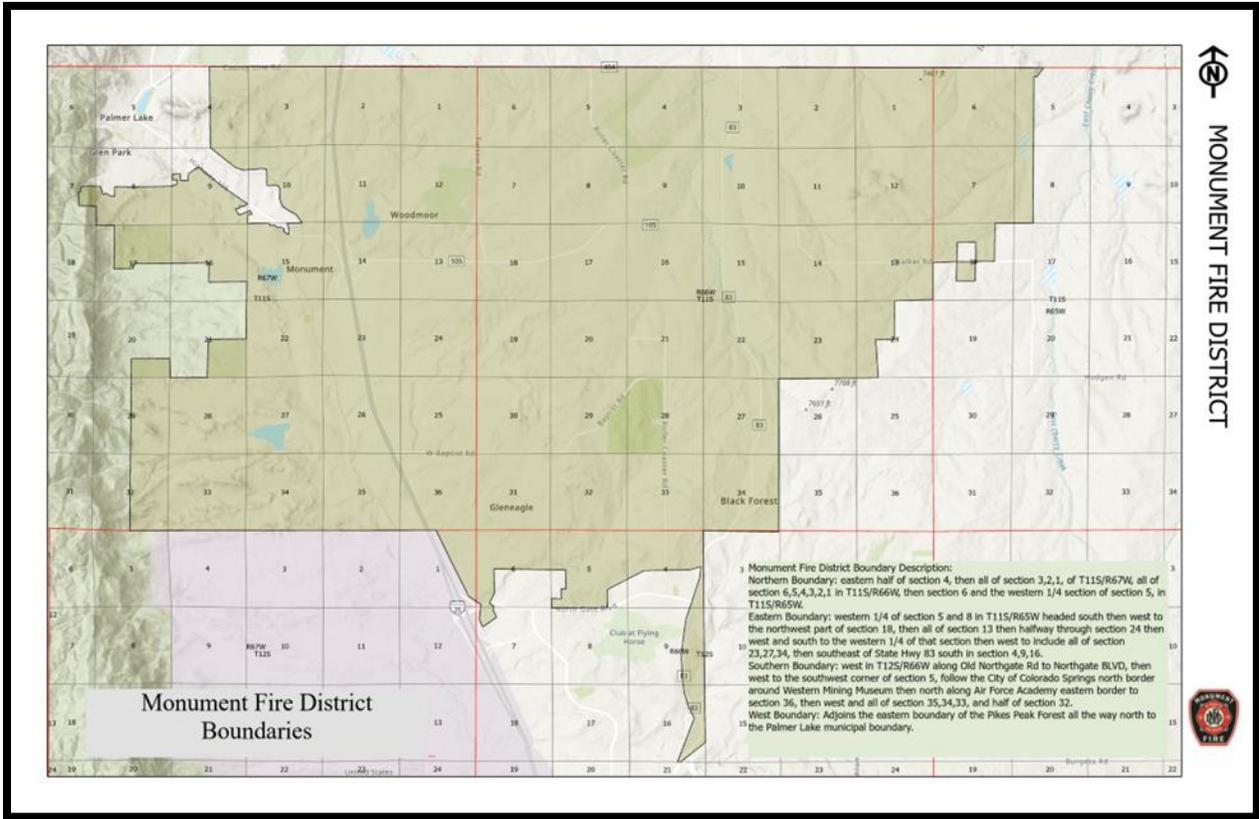


FIGURE 10 MONUMENT FIRE DISTRICT LEGAL DESCRIPTION MAP

Current Organization, Divisions, Programs and Services

The district operates out of five fire stations, one administrative building, and one storage facility. The minimum daily operational staffing is 21 firefighters, all medically certified to at least emergency medical basic technicians with a minimum of 3 paramedics per shift.

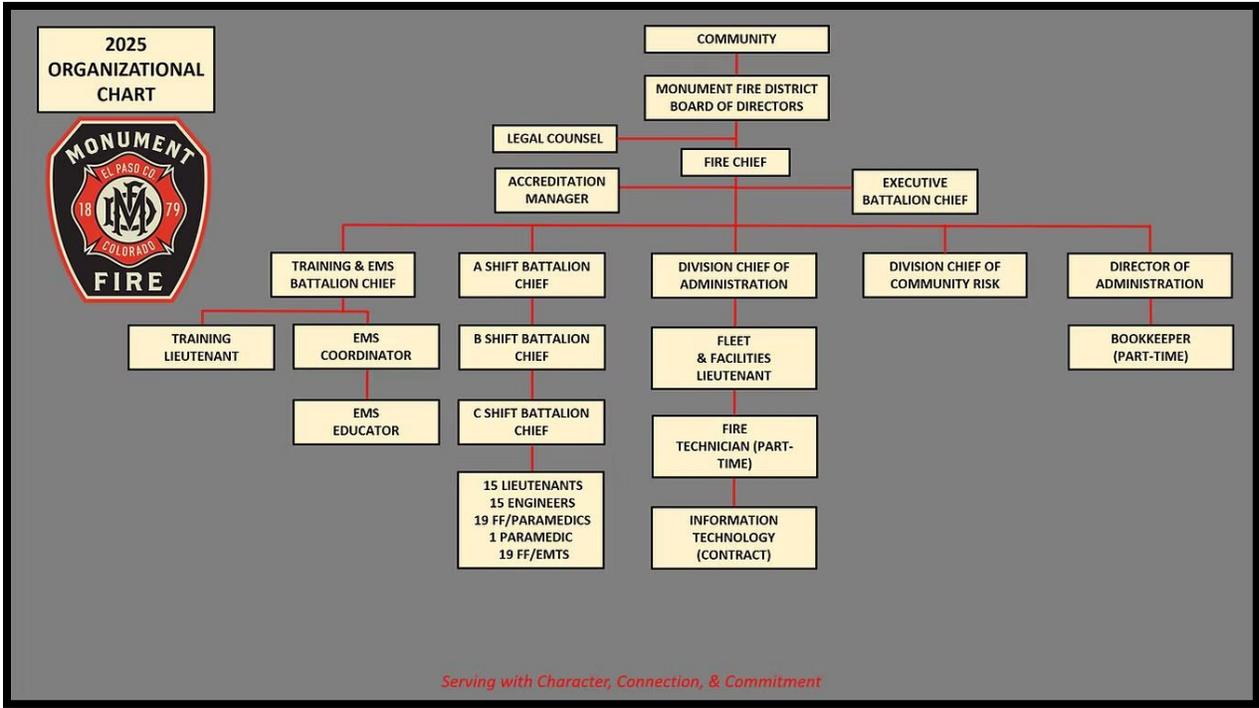


FIGURE 11 MONUMENT FIRE DISTRICT ORGANIZATIONAL CHART

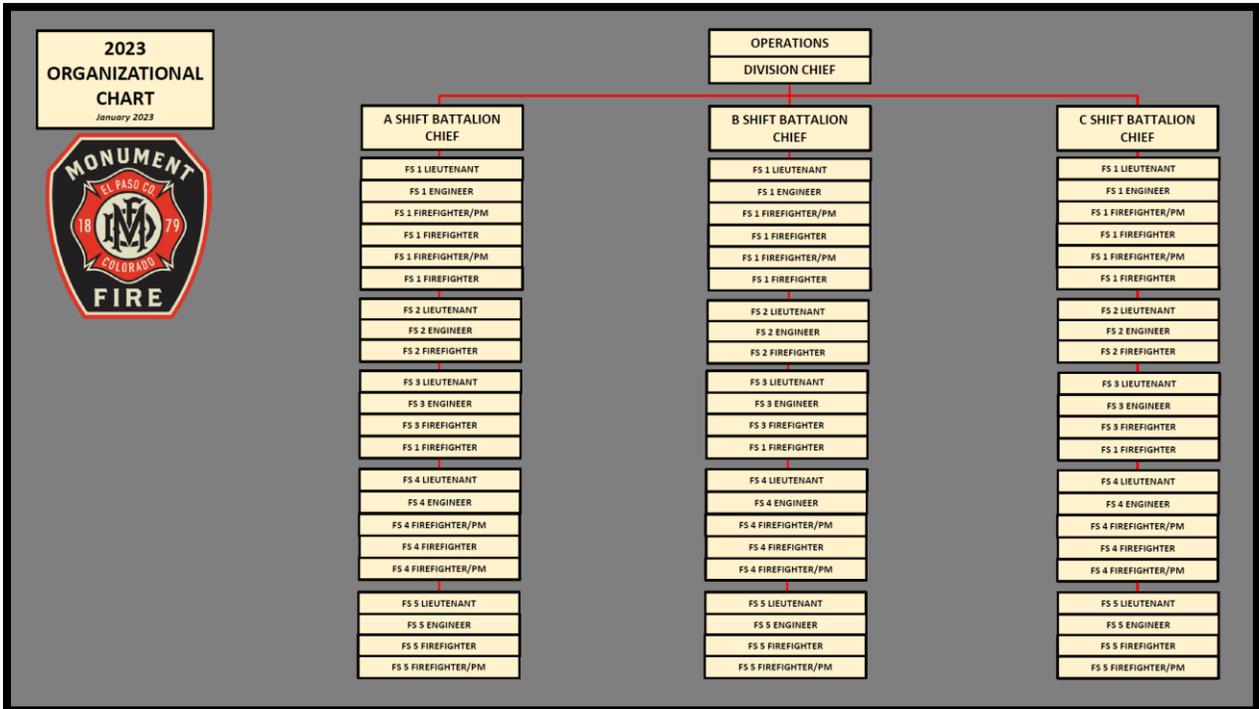


FIGURE 12 MONUMENT FIRE DISTRICT OPERATIONAL ORGANIZATIONAL CHART

AREAS OF RESPONSIBILITIES/BUDGET COORDINATORS - 2024

Chief Bradley Fire Prevention	Chief Bumgarner Administration	Jennifer Martin HR & Employee Benefits
Chief Coyle Recruitment, Promotions & Awards	Chief Ridings Agency Accreditation	Chief Ridings Wildland & Drone Program
Chief Balvanz Operations Training & EMS	Paramedic Soll EMS Coordinator Peer Support Program	Carrie Fuller EMS Educator
Steve Buckner Training Lieutenant	Curt Leonhardt Logistics Lieutenant	

A SHIFT	B SHIFT	C SHIFT
Chief Pearson	Chief Branden Health & Safety	Chief Mola
LT Smith Engineer Development	LT Richmond SCBA	LT Hankins Drone Program
LT Bodinsky Tools and Equipment	Engineer Kirkpatrick/FF Metcalf Fitness	LT Barker Technical Rescue
LT Ayala/Engineer Meyers PPE	LT Urban Wildland Tools, Equipment, Hose, Appliances	FF Bruchis Honor Guard
		Engineer Rauenzahn/Owens Quartermaster
		Engineer Rains Ladders
		LT Ragland/FFPM Thorne Hose and Appliances

Operations

The Operations Division is the largest in the Monument Fire District. It is comprised of highly trained and educated fire service professionals. Operations personnel work a 48-hours on duty / 96-hours off duty schedule. The Operations Division is responsible for the district's day-to-day operations and responds to emergency and non-emergency calls from five fire stations located in the district. Operations personnel are on duty and ready to respond to calls 24 hours a day. The Operations Division Chief is also responsible for managing the Training and EMS Divisions.

The current makeup of the Operations Division is as follows:

- Division Chief
- 5 Battalion Chiefs (3 Shift Battalions/ 1 Training and EMS Battalion/1 Executive Battalion)
- 16 Lieutenants (5 Lieutenant Paramedics)
- 15 Engineers (1 Engineer Paramedic)
- 18 Firefighter/Paramedics
- 4 Paramedics
- 17 Firefighters

Specialized Services

The Operations Division is an all-hazards response organization that is prepared and trained to mitigate emergency incidents such as:

- Emergency Medical Services (Advance Life Support response and transport)
- Motor Vehicle Accidents/Extrication
- Physical Entrapments
- Fire Suppression
- Wildland Fire
- Odor Investigations

- Gas Leaks
- Hazardous Materials
- Technical Rescue
 - Water Rescue (Surface)
 - Ice Rescue
 - Trench
 - Collapse
 - Confined Space
 - Low Angle (Rope)

Fire Stations, Training Facilities, Apparatus, Equipment and Staffing

<p>Station 1</p> <p>18650 Hwy 105</p> <p>Monument, CO 80132</p> <p>Equipment</p> <p>Tower 531 (quint)</p> <p>Brush 541 (type 6 engine)</p> <p>Medic 581</p>	
<p>Station 2</p> <p>18460 Roller Coaster Rd.</p> <p>Monument, CO 80132</p> <p>Equipment</p> <p>Engine 512</p> <p>Brush 542 (type 6 engine)</p>	

<p>Tender 562</p>	
<p>Station 3</p> <p>1855 Woodmoor Drive Monument, CO 80132</p> <p>Equipment</p> <p>Engine 513 BC 502</p>	
<p>Station 4</p> <p>15415 Gleneagle Drive Colorado Springs, CO 80921</p> <p>Equipment</p> <p>Engine 514 Brush 542 (type 6 engine) Tender 564 Medic 584</p>	

Station 5

15055 Highway 83

Colorado Springs, CO 80908

Equipment

Medic 585

Squad 575



Administration Office

16055 Old Forrest Point, Suite 102

Monument, CO 80132



The District Fleet

The front-line emergency fleet consists of 3 type 1 engines, 1 type 3 engine, 1 tower ladder, 3 ALS ambulances, 2 brush trucks (type 6) engines, 2 water tenders, 1 command vehicle, 1 squad (light rescue), 1 ATV, 1 UTV, and 1 snowcat. The district maintains a reserve fleet of 2 engines, 1 ladder (quint), 1 ambulance, and 1 command vehicle.



FIGURE 13 PICTURE OF MONUMENT FIRE DISTRICT FLEET

Administrative Services

Community Risk Reduction

The district provides multiple services for the community based on the strategic plan. The district has formally adopted the 2015 International Fire Code (2015 IFC). The following are services included within the Administrative Service:

Fire Prevention:

- Building Inspections
- Building Review
- Smoke Detector replacement
- Community CPR and First Aid
- Car Seat Checks
- Safe Kids Worldwide

- Close Before You DOZE
- Fall Prevention

Mitigation Programs:

- Neighborhood chipping program
- Ready, Set, Go
- Firewise™
- Community Wildfire Protection Plan (CWPP) Development

Employee Training Programs

The district currently utilizes outside training academies to complete new hire recruit training. These have been completed at West Metro Fire Rescue and Colorado Springs Fire Department since 2017. In 2023, the district started collaborating with Pikes Peak State College and other regional fire agencies to complete the needed recruit academies. All other training is planned annually and documented within the Target Solutions™ learning management system (See Appendix *2023 Annual Training Plan*). The district does not have a fixed training facility but has 14 acres of land adjoining the station one. This is planned for a state-of-the-art multi-hazard training facility (Figure 14 Training Tower Purchased) to be completed over the next several years.

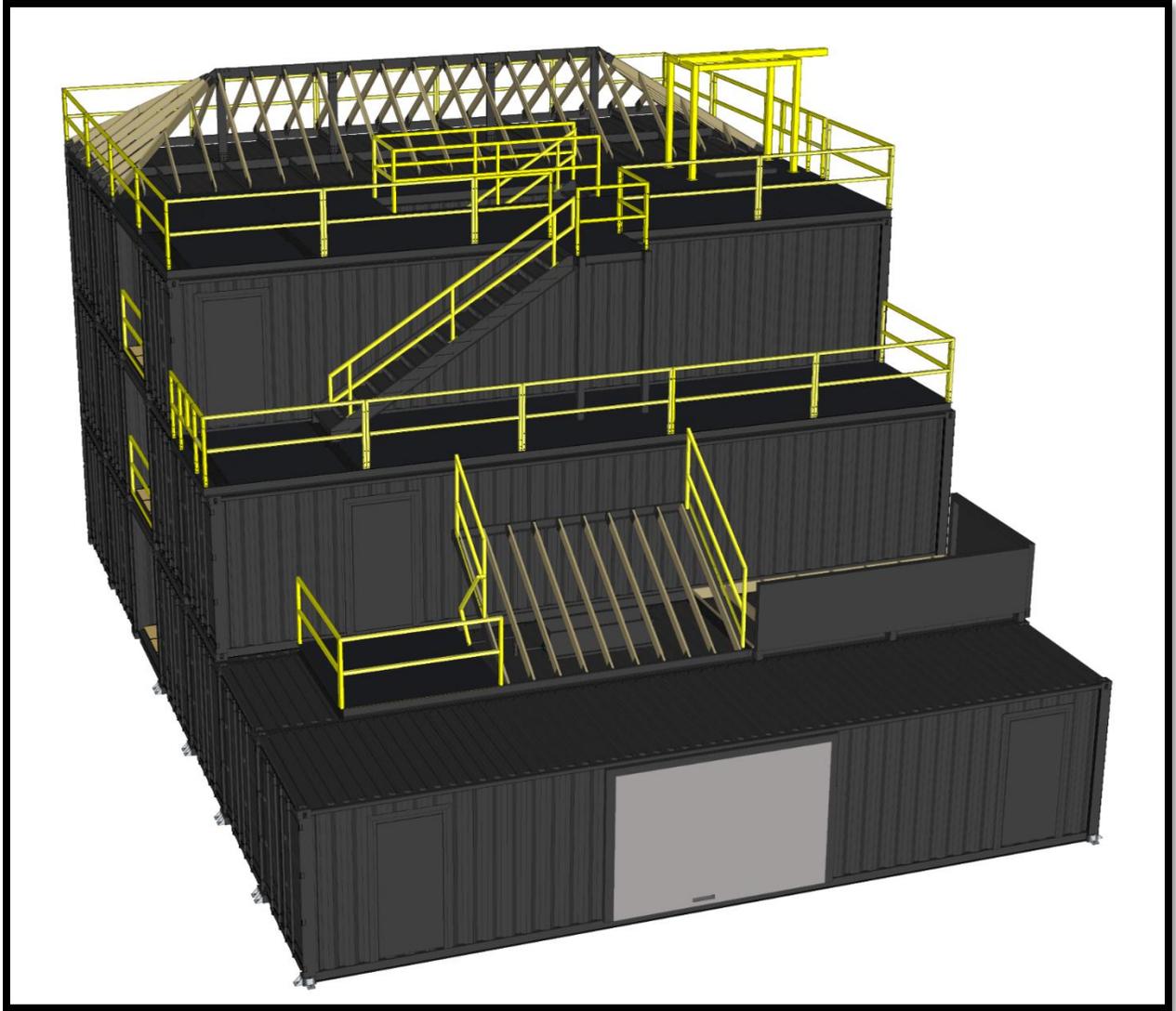


FIGURE 14 TRAINING TOWER PURCHASED

Automatic and Mutual Aid

The district provides and receives automatic aid from the Air Force Academy Fire Department, Palmer Lake, Black Forest, Falcon, Cimmaron Hills, and Larkspur Fire Districts (North Group). It also receives other mutual aid from the city of Colorado Springs and through a Colorado statewide mutual aid agreement.

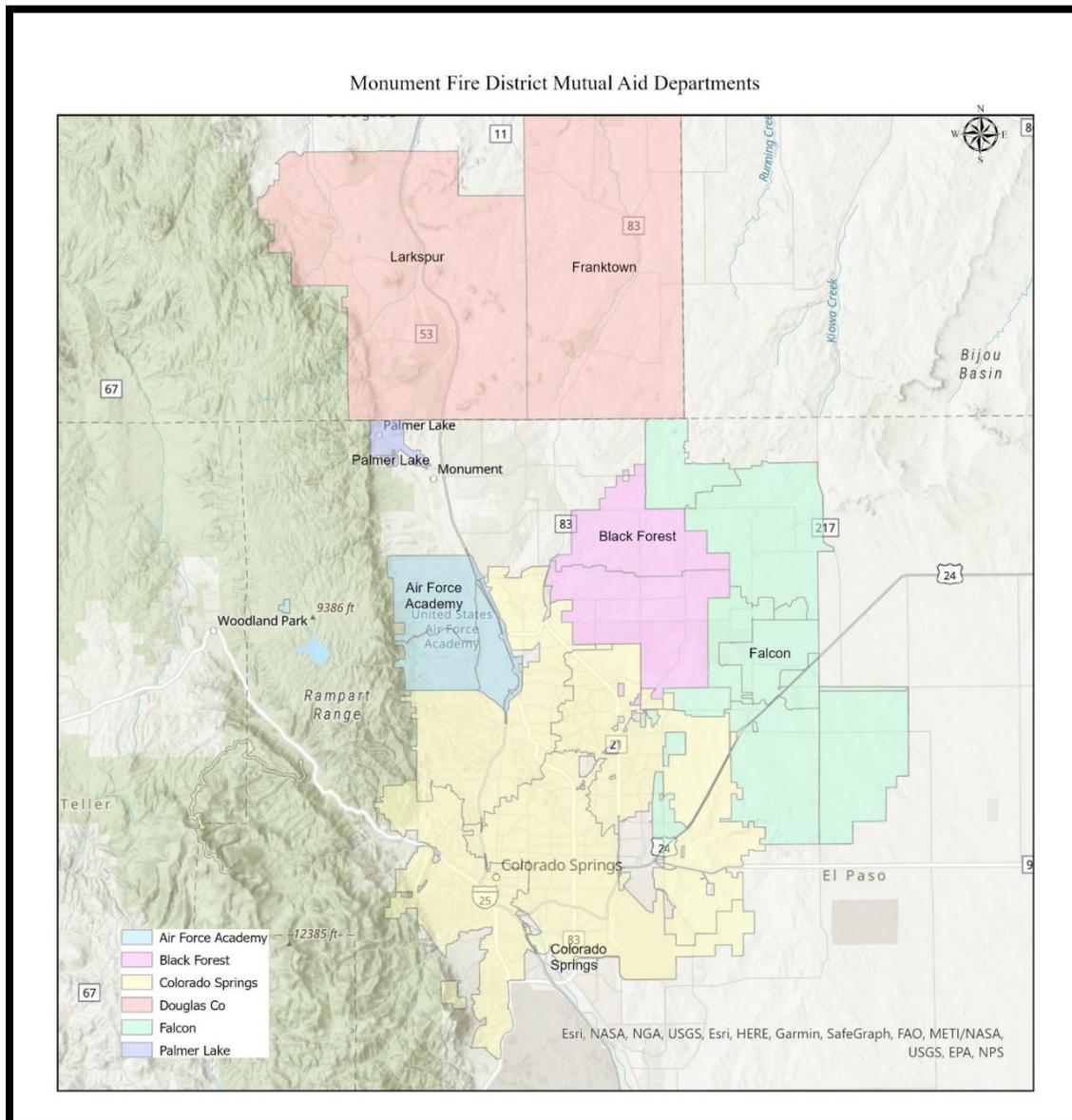


FIGURE 15 MONUMENT FIRE DISTRICT MUTUAL AND AUTO AID DEPARTMENTS

Description of Levels of Service

The district utilizes dynamic dispatching and vehicle tracking (AVL). This includes the use of automatic aid; upon dispatch notification of an emergency, the closest unit is dispatched. The current methodology uses an alarm-level dispatch from the El Paso County dispatch center. The response plans are developed based on the effective response force for the hazard and tactics being deployed. Below, units responding to the first alarm level based on the district's effective response force are described.

Fire Suppression

Fires are categorized by type and hazard. Through the El Paso County Sheriff's dispatch office, utilizing a computer-aided dispatch (CAD) system, the following system has been developed with four categories of fire (structure, vehicle, and fire alarm). The categories are then classified as high, medium, or low hazard response.

The structure fire (A) high hazard is categorized by (explosion, commercial, high life or high rise, or multifamily occupancies). The Structure fire (B) has a moderate hazard classification; this includes (appliance fires not contained, chimney, outbuilding, residential, smoke visible, trash, unknown structure, structure, fire, and grill). Structure fire (C) low hazard contains (appliance contained, electric light outlet, extinguished, lighting strike only, and odor). Vehicle fire has two categories: A (high hazard) and B (moderate hazard). High hazard is classified as boat, trailer-RV, or semi, and moderate has one standard vehicle. The vehicle fire (B) low hazard contains (standard vehicles). Fire alarms have two categories: A (moderate hazard) and B (low hazard). Category A contains (commercial and multifamily), and B contains (residential).

The district currently responds to high-hazard structure fires in hydrated areas with 3 engines, 1 ladder (quint), 1 squad, 1 battalion chief, 1 division chief, and 1 ALS ambulance. The response changes for moderate-risk structure fires with 3 engines, 1 ladder (quint), 1 squad, 1 battalion chief, and 1 ALS ambulance. The low-hazard response includes 1 engine, 1 ladder (quint), 1 ambulance, and 1 battalion chief.

The district currently responds to high-hazard structure fire in un-hydrated areas with 4 engines, 1 ladder (quint), 1 squad, 1 battalion chief, 1 division chief, 1 EMS chief, 1 ALS ambulance, and 3 tenders (water hauling vehicles). The response changes for moderate risk level structure fires with 3 engines, 1 ladder (quint), 1 squad, 1 battalion chief, 1 division chief, 1 EMS chief, 1 tender, and 1 ALS ambulance. The low-hazard response includes 1 engine, 1 tender, and 1 battalion chief.

The district currently responds to high and moderate-hazard vehicle fires in hydrated and unhydrated areas with 2 engines and 1 battalion chief.

The district currently responds to moderate-hazard automatic fire alarm calls for service in hydrated and unhydrated areas with 1 engine, 1 ladder (quint), and 1 battalion chief. The response changes for low-hazard automatic fire alarms with 1 engine and 1 battalion chief.

Emergency Medical Services

Medical (EMS) incidents are categorized by type and hazard. Through El Paso County Sheriff's dispatch office, utilizing a computer-aided dispatch (CAD) system, the following system has two categories of EMS incidents [medical (a) (b) (c), and active assailant]. The category is then classified as high, medium, or low hazard response. Medical A is a high hazard, which contains cardiac arrest, electrocution, and hanging. Medical B is a medium hazard that contains abdominal pain, back pain, carbon monoxide (inhalation hazard), diabetic problems, heart problems, overdose, sexual assault, suicide, unconscious-fainting, accidental injury, breathing ineffective, chest pain, EMS, heat or cold exposure, penetrating trauma, sick person, suicide attempt, unknown problem, allergies, breathing problem, choking, fall, hemorrhage-laceration, pregnancy-childbirth, stabbing, traumatic injury, animal bite, burn, convulsion-seizure, headache, medical, psychiatric, stroke, unattended death. Medical C is a low hazard, which includes alarm medical, medical stage, assault, suicidal check the welfare, check the welfare, taser deployment, and eye problem. The active assailant, including active shooters, is a high hazard.

The district currently responds to all high-hazard medical calls with 1 engine, 1 ambulance, and one battalion chief. For moderate hazard response, the district responds with 1 engine and 1

ambulance. This response changes with low hazard responses, with the district only responding with 1 engine.

Technical Rescue

Technical Rescue incidents are categorized by type. Through El Paso County Sheriff's dispatch office, the computer aided dispatch (CAD) system has two categories of technical rescue incident (water rescue and technical rescue). Water rescue involves drowning, diving, scuba, ice rescue, water rescue, and watercraft in distress. Technical rescue involves confined space, structural collapse, high-angle rescue, inaccessible incident/entrapment.

The district currently responds to both water rescue and technical rescue incidents with 2 engines, 1 ladder (quint), 1 squad, 1 battalion chief, and 1 ALS ambulance. These calls have only one hazard level based on the risks within the district.

Hazardous Materials

Hazardous Materials (Hazmat) incidents are categorized by type and hazard. Through El Paso County Sheriff's dispatch office, the computer aided dispatch (CAD) system has two categories of Hazmat incidents [HAZ (a) (b)] the category is then classified as high or medium hazard response. Hazmat A is a high hazard which contains gas leak-inside. Hazmat B is a medium hazard which includes bomb threat, gas leak-outside, fuel spill, hazmat (general).

The district currently responds to both Hazmat a and b incidents with 1 engine, 1 squad, and 1 battalion chief.

Wildland Fire Services

Outside Fires (OFIRE) incidents are categorized by type and hazard. Through El Paso County Sheriff's dispatch office, the computer aided dispatch (CAD) system has two categories of outside fire incidents [OFIRE (a) (b) (c)] the category is then classified as high, medium, or low hazard response. OFIRE A is a high hazard which any outside vegetation fire that may become a significant to the community including wildland/urban interface fires, medium and large forest fires that threaten the community, and any fire that may have a significant financial impact to the community. OFIRE B is a medium hazard which includes grill/patio/deck fires, outside object

fire, and small vegetation fires. OFIRE C is a low hazard which includes Bon/campfires, fire/extinguished, dumpster fires, trash pile/garbage fires.

The district currently responds to all high hazard OFIRE incidents with 3 type 1 engines, 2 type 6 engines, 2 tenders, 1 ambulance, 1 duty chief, and 1 battalion chief. For OFIRE moderate hazard response the district responds with 1 type 1 engine, 1 type 6 engine, 1 tender, and 1 battalion chief. For OFIRE low hazard response the district responds 1 type 1 engine.

01 Structure Fire (A) High Hazard			
Explosion	Fire SF, Commercial	Fire SF, High Life-High Rise	Fire SF Multi-Family
02 Structure Fire (B) Moderate Hazard			
Appliance (not contained)	Chimney (Confined)	Outbuilding-Det Garage	Residential
Smoke (Visible)	Trash-Garbage	Unknown Structure	Structure Fire
Grill (on deck-patio)			
03 Structure Fire (C) Low Hazard			
Appliance (contained)	Electric (light outlet)	Extinguished	Lightning strike only
Odor only			
04 Vehicle Fire (A) High Hazard			
Boat	Trailer-RV-Semi		
05 Vehicle Fire (B) Moderate Hazard			
Standard Vehicle			
06 Medical (A) High Hazard			
Cardiac Arrest	Electrocution (hit by lightning)	Hanging	
07 Medical (B) Moderate Hazard			
Abdominal Pain	Accidental Injury	Allergies (reaction)	Animal Bite
Back Pain	Breathing Ineffective	Breathing Problem	Burns
Carbon Monoxide (Inhalation-Hazmat)	Chest Pain	Choking	Convulsion-Seizure
Diabetic Problem	EMS	Fall	Headache
Heart Problems	Heat-Cold Exposure	Hemorrhage-Laceration	Medical
Overdose-Poisoning	Penetrating Trauma	Pregnancy-Childbirth	Psychiatric
Sexual Assault	Sick Person	Stabbing	Stroke
Suicide	Suicide Attempt	Traumatic Injury	Unattended Death

Unconscious-Fainting	Unknown Problem- Man Down		
08 Medical (C) Low Hazard			
Alarm Medical	Assault	Check the Welfare	Eye Problem-Injury
Medical Stage	Suicidal Check the Welfare	Taser Deployment	
09 Tech Rescue High Hazard			
Confined Space - Structure Collapse	High Angle Rescue	Inaccessible Incident- Entrapment	
10 Water Rescue High Hazard			
Drowning-Diving- SCUBA	Ice Rescue (Surface)	Watercraft in Distress	Watercraft Distress- Collision
11 Traffic Accident w-Injury (A) Moderate Hazard			
Traffic Accident Unknown Injuries	Traffic Accident with Injuries		
12 Traffic Accident w-Injury (B) Low Hazard			
Traffic Accident no Injuries			
13 Extrication (Roadway) High Hazard			
Traffic Accident Entrapment			
14 Hazmat (A) High Hazard			
Gas Leak			
15 Hazmat (B) High Hazard			
Bomb Threat	Fuel Spill	Gas Leak (Outside)	Hazmat
16 Assist with Search and Rescue Low Hazard			
Missing Child	Search and Rescue		
17 Fire Alarm (A) Moderate Hazard			

Alarm, Fire (Commercial-Multi Family)			
18 Fire Alarm (B) Low Hazard			
Alarm, Fire (Residential)			
19 Aircraft Emergency Moderate Hazard			
Aircraft Emergency	Ground Emergency	Inflight Emergency	
20 Rail Emergency Moderate Hazard			
Fire, Train	Train-Rail Incident		
21 Rescue Motorist Low Hazard			
Blizzard	Stranded Motorist		
22 Outside Fire (A) High Hazard			
Fire, Outside Wildland			
23 Outside Fire (B) Moderate Hazard			
Fire, Small Outside (Vegetation)			
24 Outside Fire (C) Low Hazard			
Fire, Bonfire- Campfire	Fire, Dumpster	Fire, Extinguished	Fire, Trash Pile- Garbage
Fire, outside (object- other)			
25 Smoke Investigation Low Hazard			
Fire, Smoke Investigation (Outside)			
27 Miscellaneous Low Hazard			
Alarm, Carbon Monoxide	Animal Rescue	Blood Draw	Citizen Assist- Service Call

Electrical Hazard	Elevator-Escalator Rescue	Fire Patrol	Fireworks
Odor	Problem Nature (No Match)	Stuck Accelerator-F	Utility Problem
28 Natural Disaster Moderate Hazard			
EOC Event	EOC Rescue	Flood	Landslide-Rockslide
Tornado			
31 Active Assailant High Hazard			
Active Shooter			

FIGURE 16 EL-PASO COUNTY CAD DISPATCH CODES

Current Deployment and Coverage Areas

Points of Service Delivery

There are three points of service delivery within the Monument Fire District. The railroad tracks that run north and south parallel to Interstate I-25. This point is at the west end of the Town of Monument. The other two are bridges with a 19-ton rating on Mount Herman Road and Arnold Ave. When responding with the ladder truck, this must be considered.

Response Zones

The district utilizes GIS technology and historical response knowledge to develop response areas. These areas are utilized to measure performance and define specific hazards and programs within the district.

The following describes the methodology the district used while developing the response areas. Each response zone is created using ERSI ArcProGIS™. A three, five and eight-minute drive time from each station determines the following response zones. The topography of the district is considered during this step, with drive times adjusted due to the weight of the vehicles. The service area was divided into four response zones Alpha, Charlie, Whisky, and Zulu. The response zones are then divided into smaller planning zones based on urban or rural population density and whether they have a water distribution system (WDS). Hazards are considered within the smaller planning polygons, for example (Major Roadways, Low, Moderate, High, or Maximum risk).

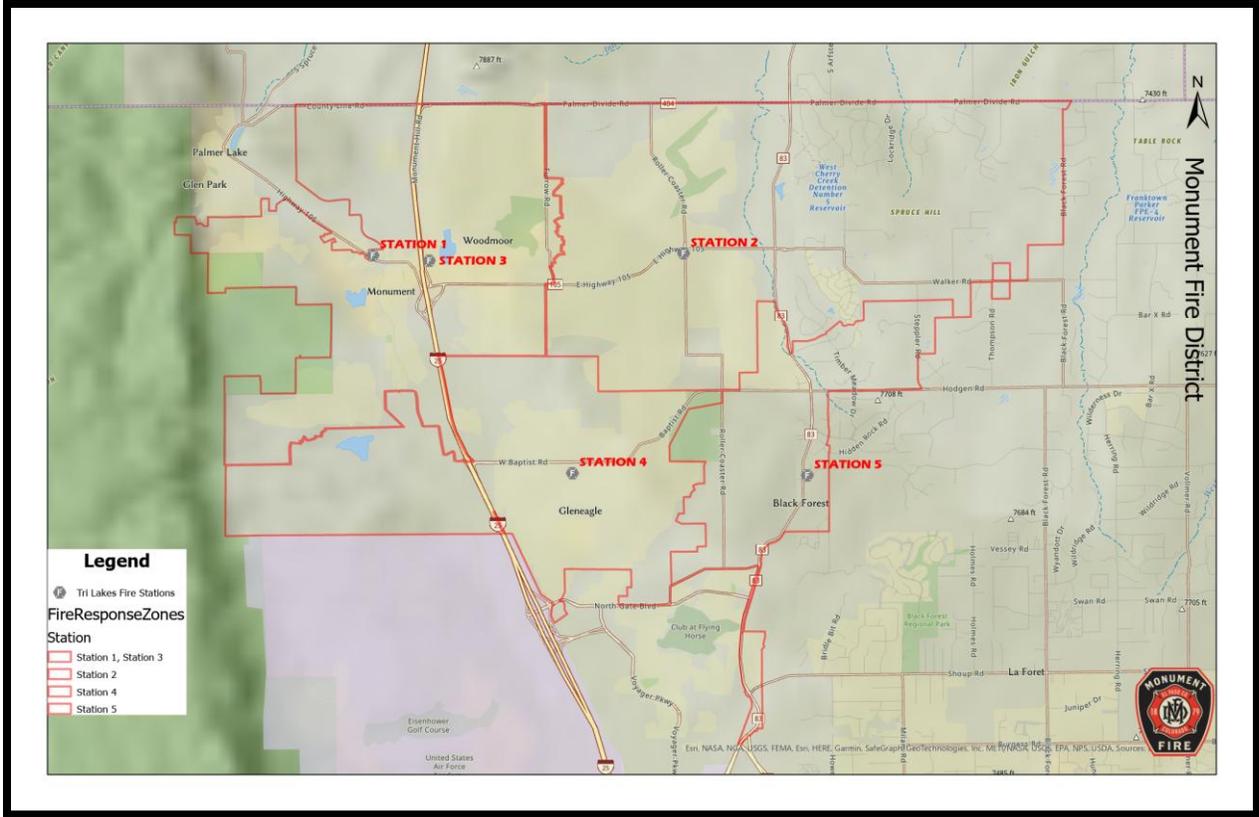
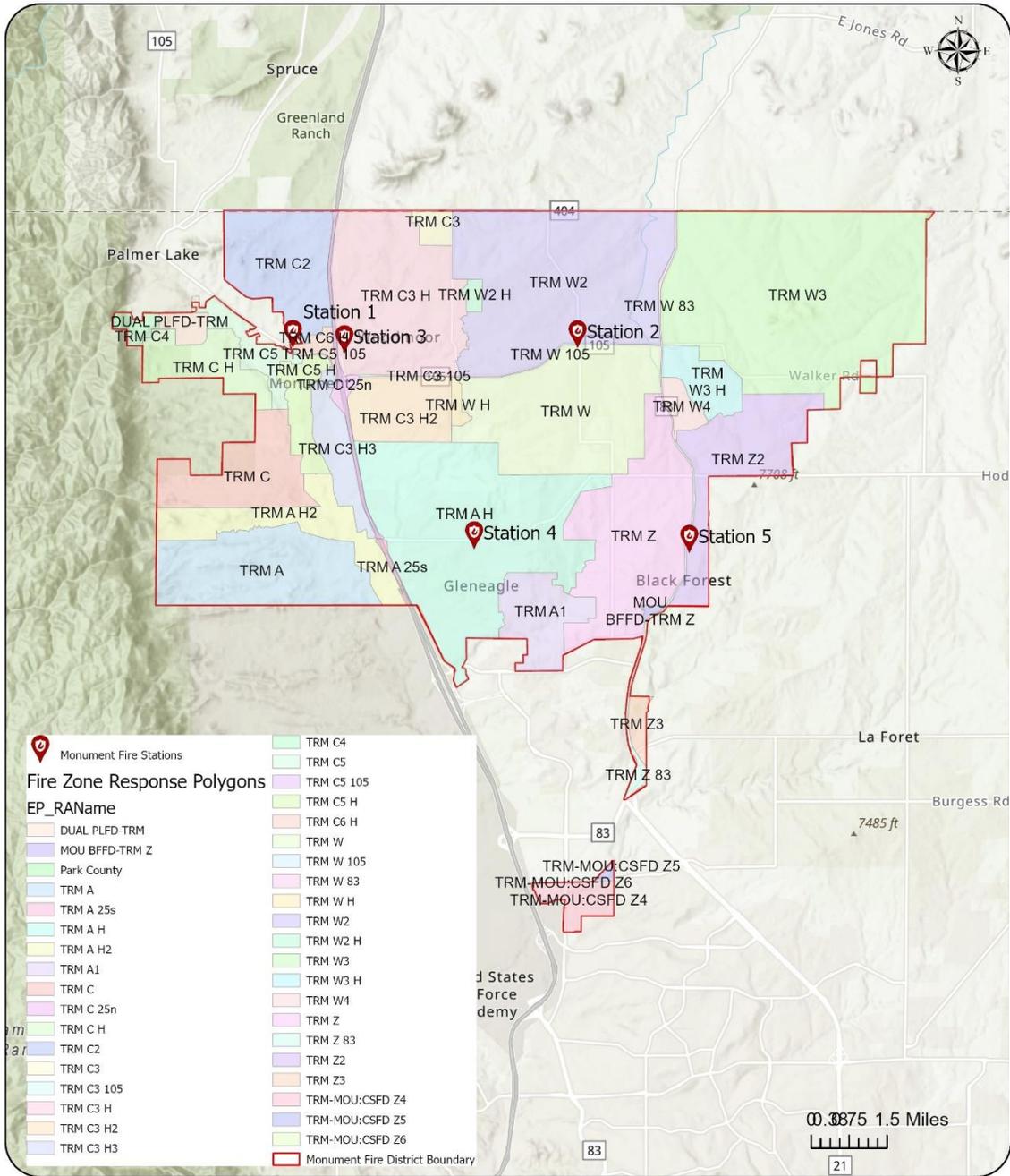


FIGURE 17 MONUMENT FIRE DISTRICT STATION RESPONSE ZONES



Name: Monument Fire District Response Zones

Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Esri, NASA, NGA, USGS



FIGURE 18 MONUMENT FIRE DISTRICT RESPONSE ZONE POLYGONS

Planning Zone A

This zone is the primary service area for station four. It has five polygons: two (TRM A H, TRM A H2) with water distribution systems and three (TRM A1, TRM A, and TRM A 25S) without. The topography in zone A has limited elevation variation, except for the northeast corner, which has about a 500' gain within 2.5 miles.

Planning Zone A has a population of 15,634 and a real property value of \$3,200,000,000. It contains 10 critical infrastructure facilities and 20 target hazard structures, including a church, a gas station, a school, and grocery stores. The zone features 2.24 miles of BNSF Rail Line and 2 miles of major roadways. The district has created the Monument Community Wildfire Protection Plan, which should be referenced to assess wildfire risks within this area.

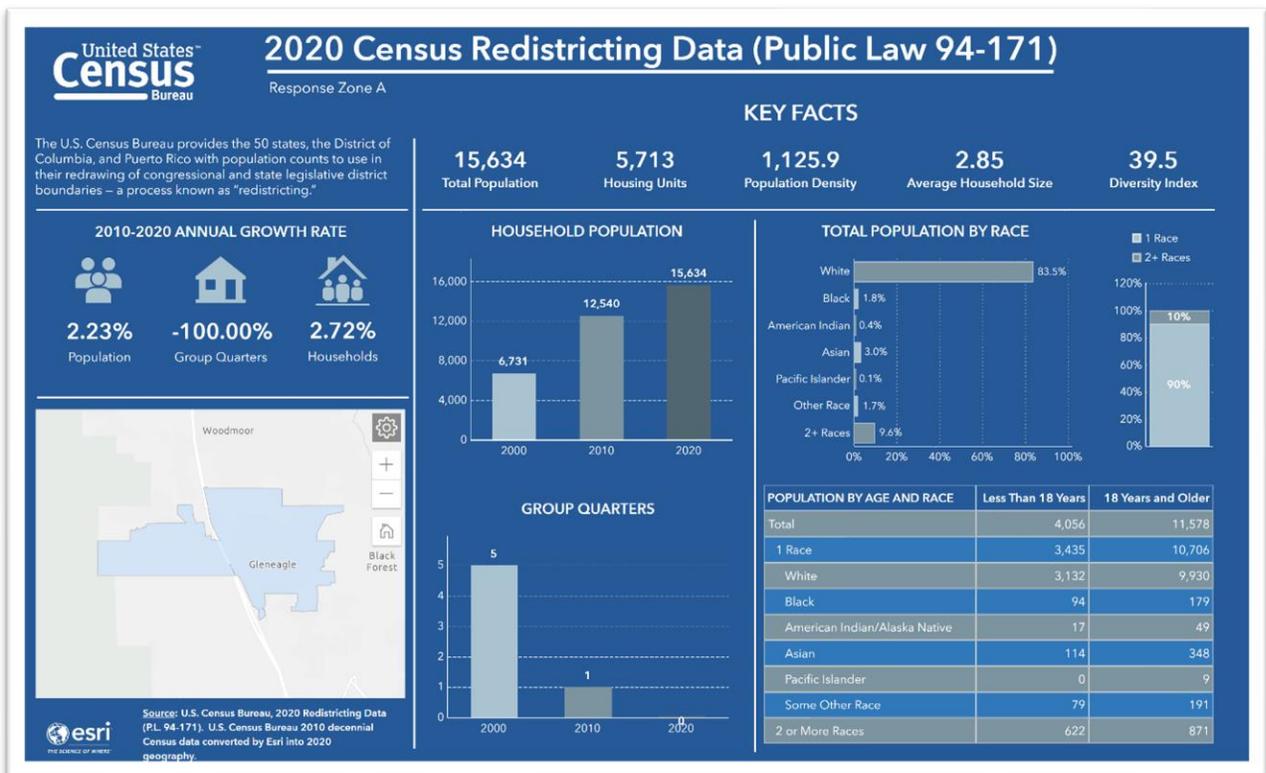


FIGURE 19 MONUMENT FIRE DISTRICT PLANNING ZONE A

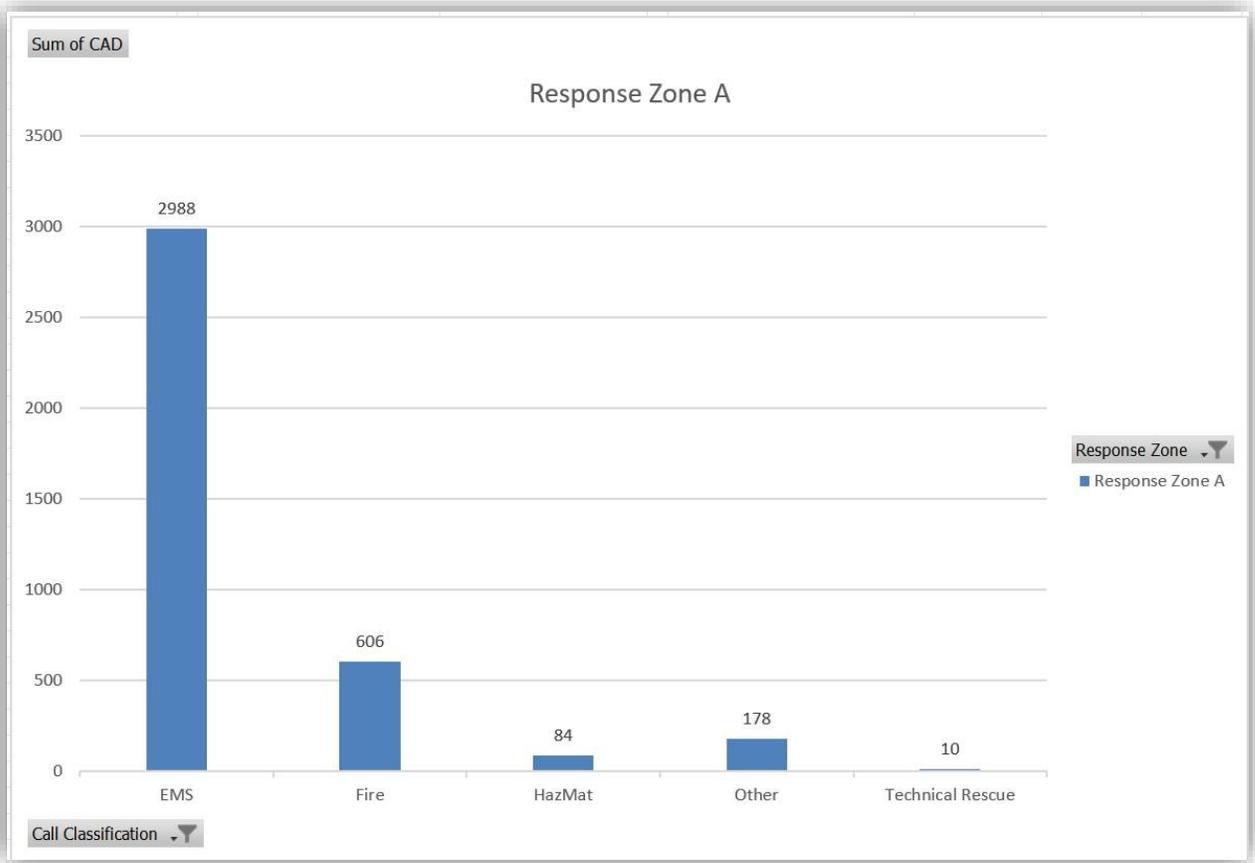
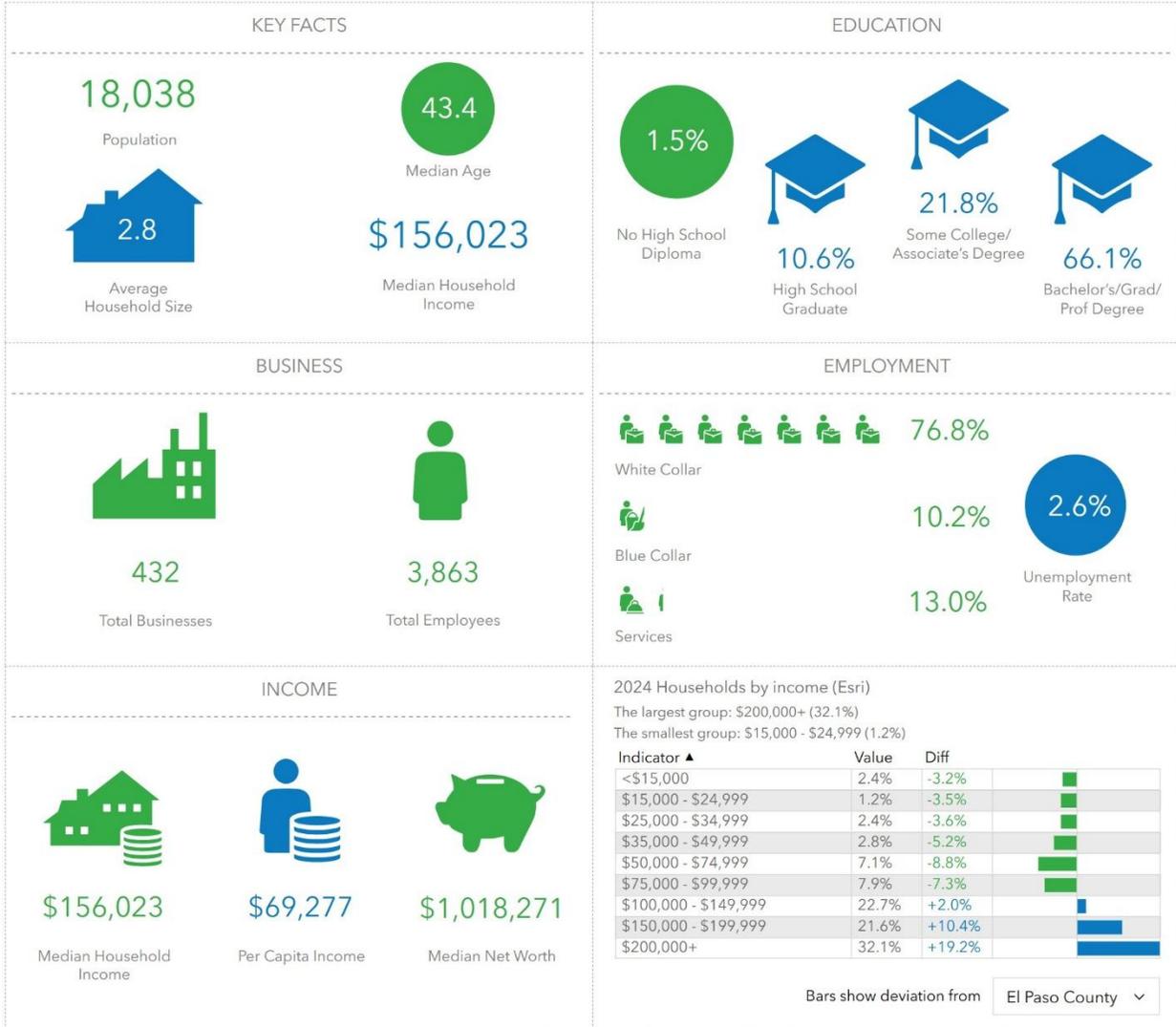


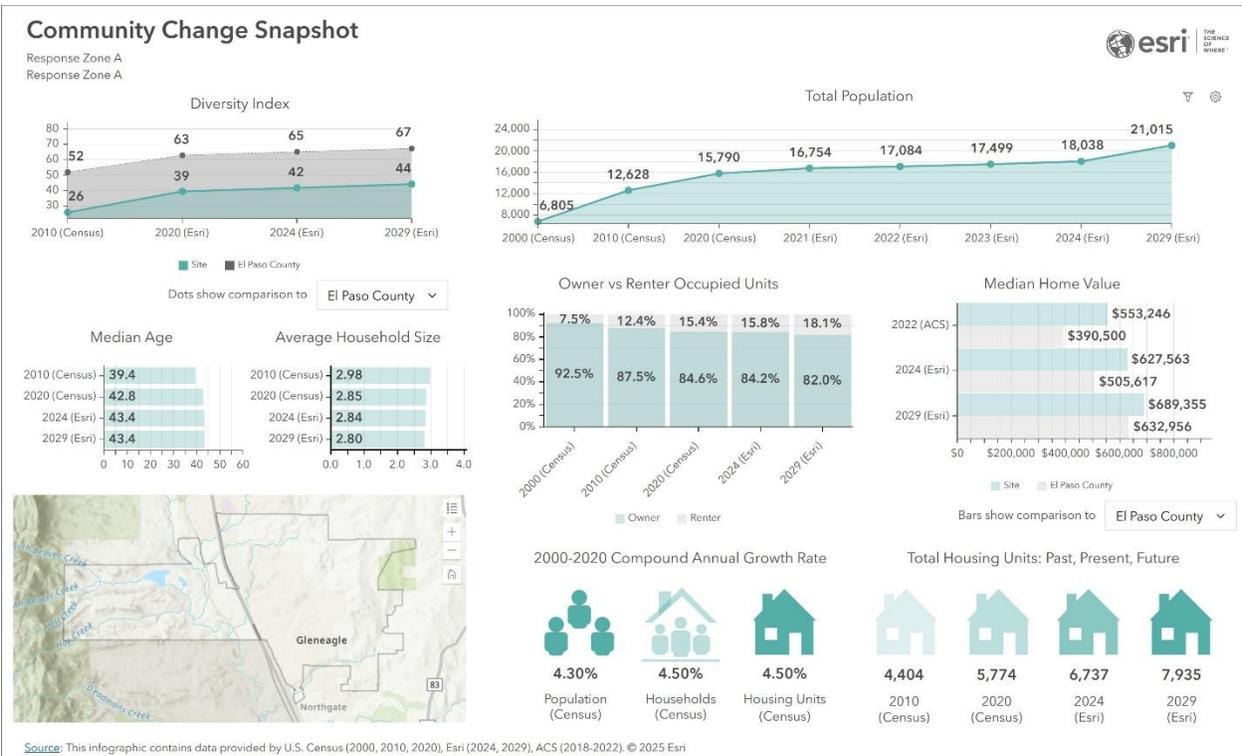
FIGURE 20 2022-2024 CAD DATA

Key Facts

Response Zone A
Response Zone A



Source: This infographic contains data provided by Esri (2024, 2029), Esri-Data Axle (2024). © 2025 Esri



Planning Zone C

This planning zone is the primary service area for stations one and three. The area has fifteen polygons, seven (TRM C H, TRM C H2, TRM C3 H, TRM C3 H2, TRM C3 H3, TRM C5 H, TRM C6 H) with *WDS*, and eight (TRM C, TRM C2, TRM C3, TRM C4, TRM C5, TRM C 25N, TRM C3 105, TRM C5 105) without.

Planning Zone C has a population of 16,451 and a real property value of \$3,300,000,000. It contains four critical infrastructure facilities and 27 target hazard structures, including a church, a gas station, a school, and grocery stores. The zone features 2.5 miles of BNSF Rail Line and 13 miles of major roadways. Additionally, it encompasses approximately 1,304 acres of commercial property. The district has created the Monument Community Wildfire Protection Plan, which should be referenced to assess wildfire risks within this area.

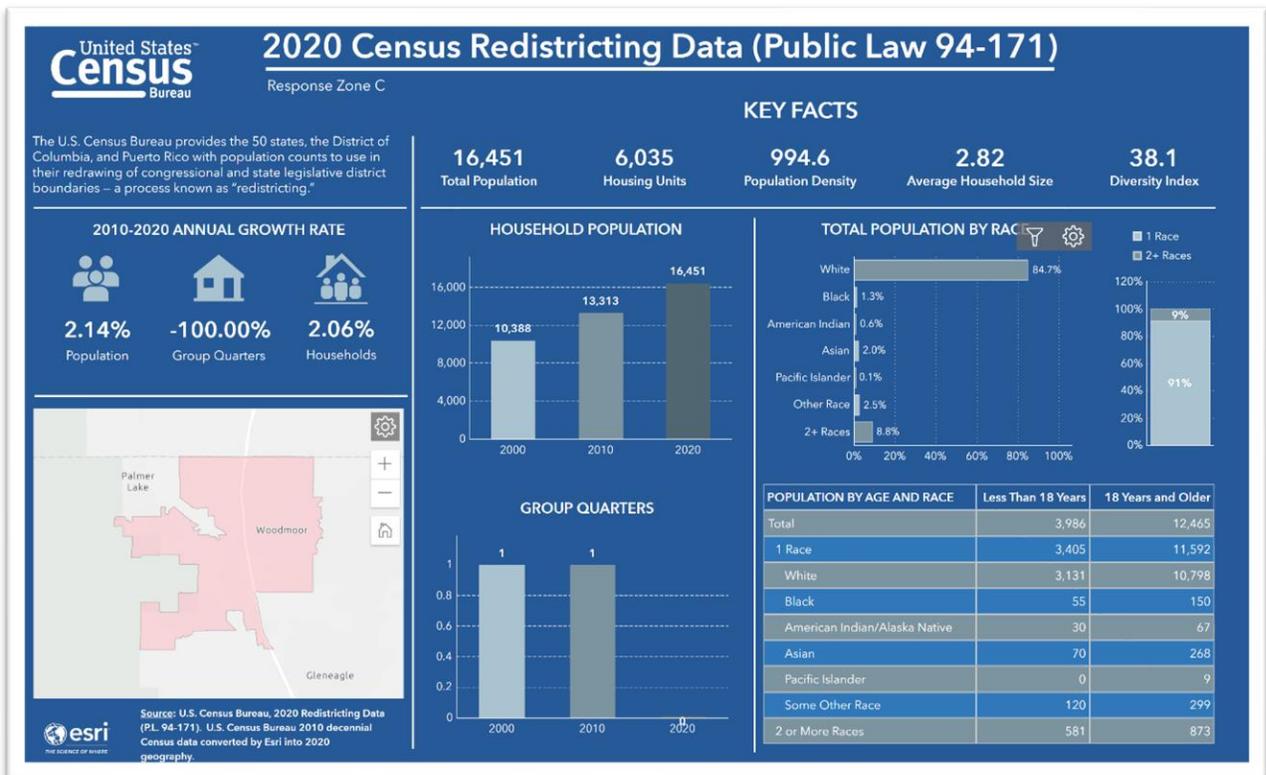


FIGURE 21 MONUMENT FIRE DISTRICT PLANNING ZONE C

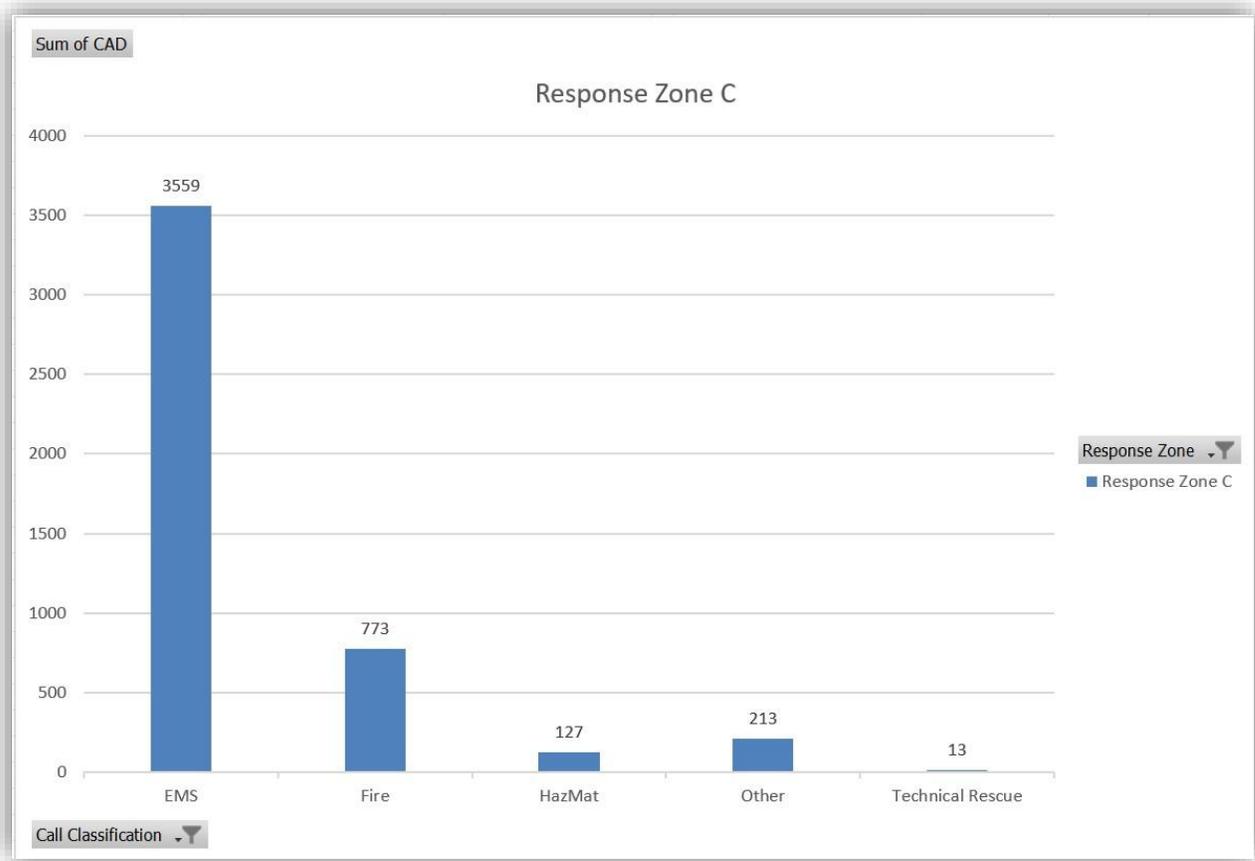
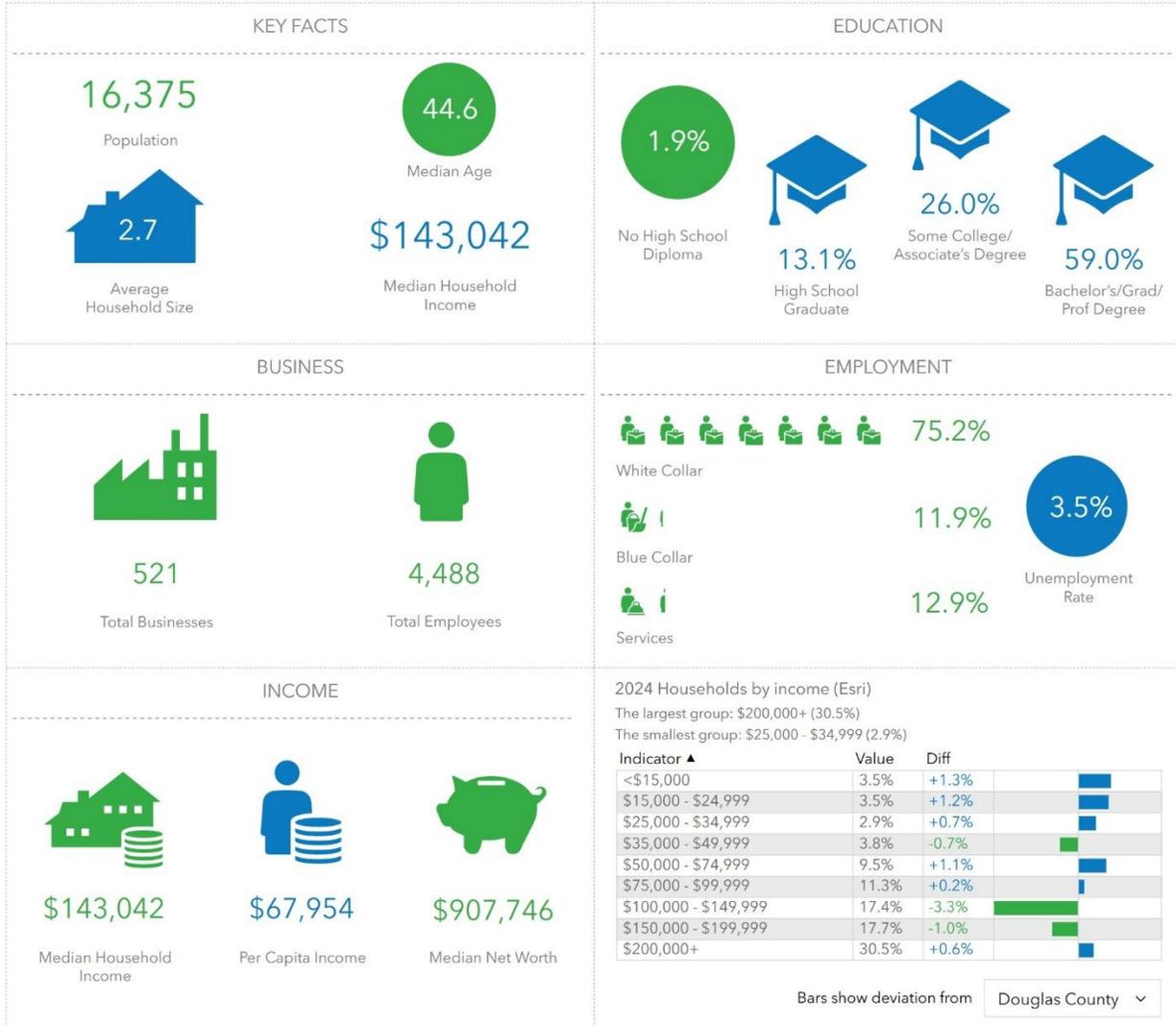


FIGURE 22 2022-2024 CAD DATA

Key Facts

Response Zone C
Response Zone C



Source: This infographic contains data provided by Esri (2024, 2029), Esri-Data Axle (2024). © 2025 Esri

AT RISK POPULATION PROFILE

Response Zone C



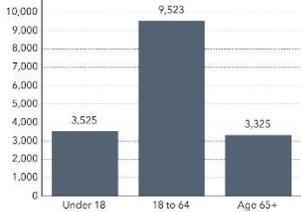
16,375 Population
5,968 Households
2.74 Avg Size Household
44.6 Median Age
\$143,042 Median Household Income
\$642,846 Median Home Value
202 Wealth Index
93 Housing Affordability
41 Diversity Index

AT RISK POPULATION

1,196 Households With Disability
3,325 Population 65+
111 Households Without Vehicle

Language Spoken (ACS)	Age 5-17	18-64	Age 65+	Total
English Only	3,493	9,581	2,251	15,325
Spanish	108	356	11	475
Spanish & English Well	108	248	9	365
Spanish & English Not Well	0	0	1	1
Spanish & No English	0	108	0	108
Indo-European	15	201	64	280
Indo-European & English Well	15	201	64	280
Indo-European & English Not Well	0	0	1	1
Indo-European & No English	0	0	0	0
Asian-Pacific Island	0	215	142	357
Asian-Pacific Isl & English Well	0	214	99	313
Asian-Pacific Isl & English Not Well	0	2	43	45
Asian-Pacific Isl & No English	0	0	0	0
Other Language	0	57	0	57
Other Language & English Well	0	57	0	57
Other Language & English Not Well	0	0	0	0
Other Language & No English	0	0	0	0

POPULATION BY AGE



POVERTY AND LANGUAGE

5% Households Below the Poverty Level
315 Households Below the Poverty Level
0 Pop 65+ Speak Spanish & No English

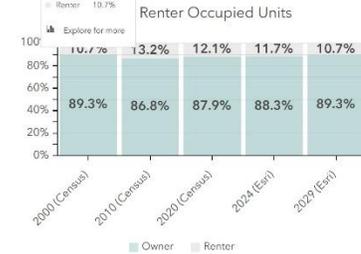
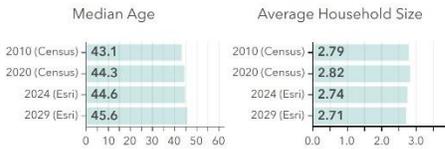
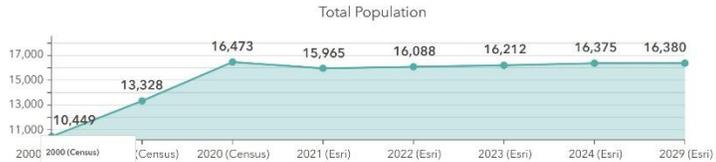
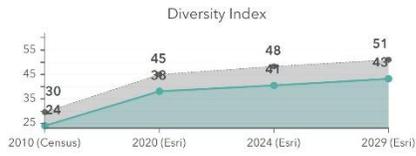
POPULATION AND BUSINESSES

14,358 Daytime Population
521 Total Businesses
4,488 Total Employees

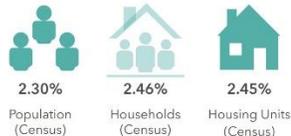
Source: This infographic contains data provided by Esri (2024, 2029), ACS (2018-2022), Esri-Data Axle (2024). © 2025 Esri

Community Change Snapshot

Response Zone C
 Response Zone C



2000-2020 Compound Annual Growth Rate



Total Housing Units: Past, Present, Future



Source: This infographic contains data provided by U.S. Census (2000, 2010, 2020), Esri (2024, 2029), ACS (2018-2022), © 2025 Esri

Planning Zone W

This zone is the primary service area for station two. It has nine polygons: three (TRM W H, TRM W2 H, TRM W3 H) with WDS and six (TRM W, TRM W2, TRW W3, TRM W4, TRM W 105, TRM W83) without.

Planning Zone W has a population of 6,368 and a real property value of \$1,800,000,000. It contains one critical infrastructure facility and six target hazard structures, including a church and a school. The zone features 7 miles of major roadway. The district has created the Monument Community Wildfire Protection Plan, which should be referenced to assess wildfire risks within this area.

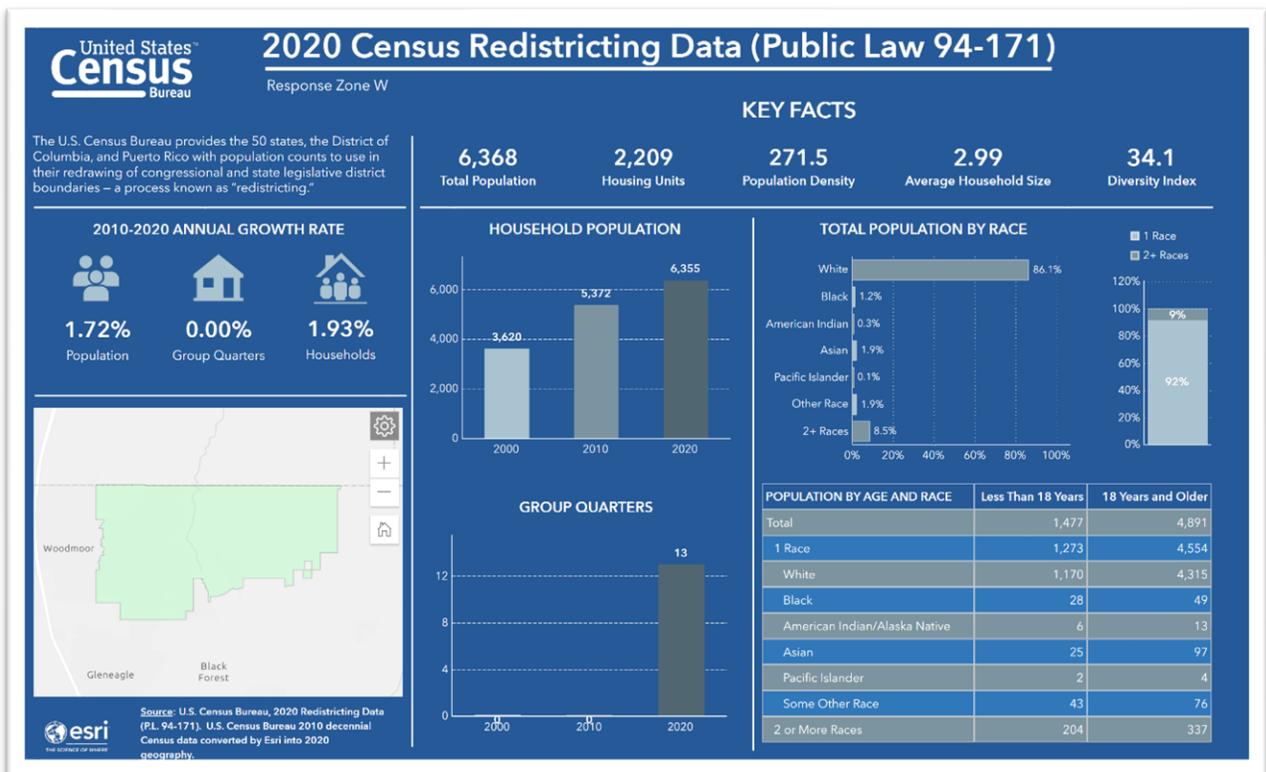


FIGURE 23 MONUMENT FIRE DISTRICT PLANNING ZONE W

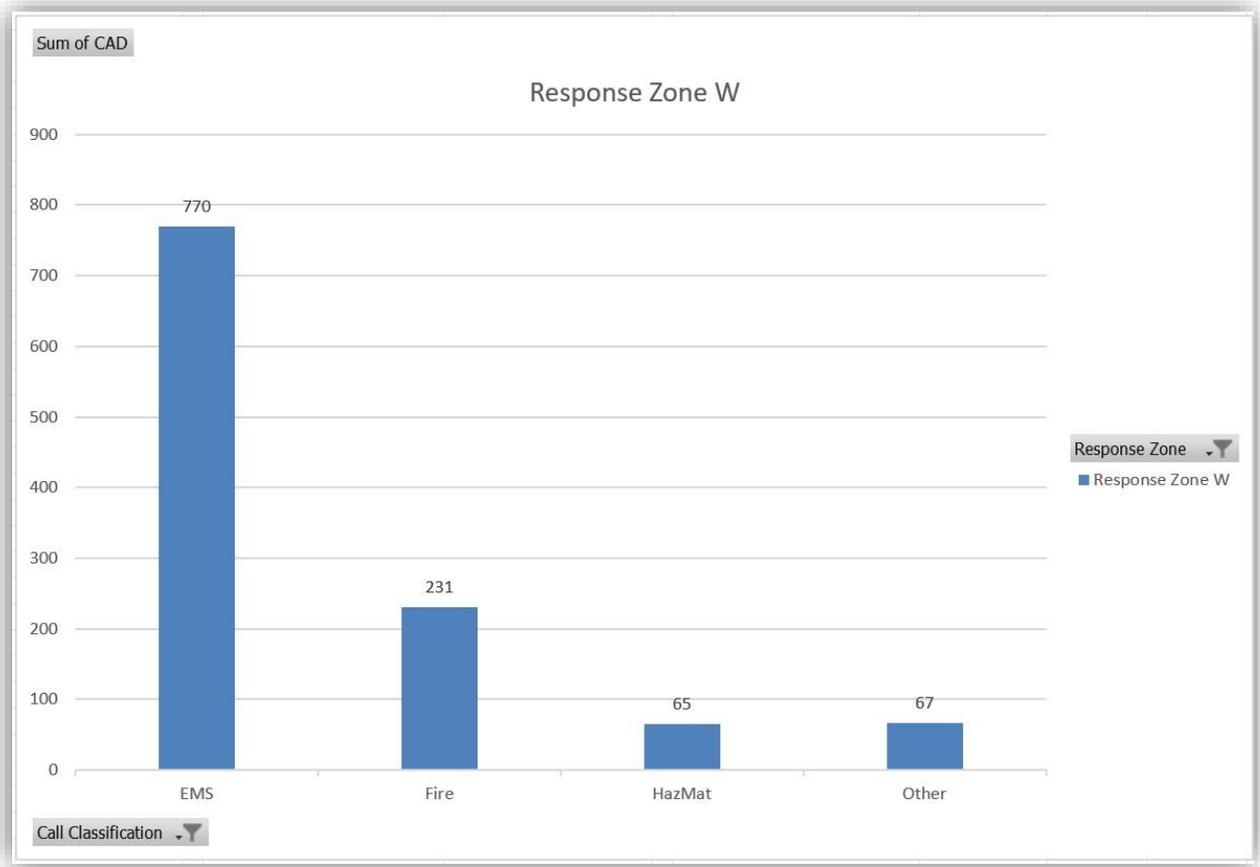
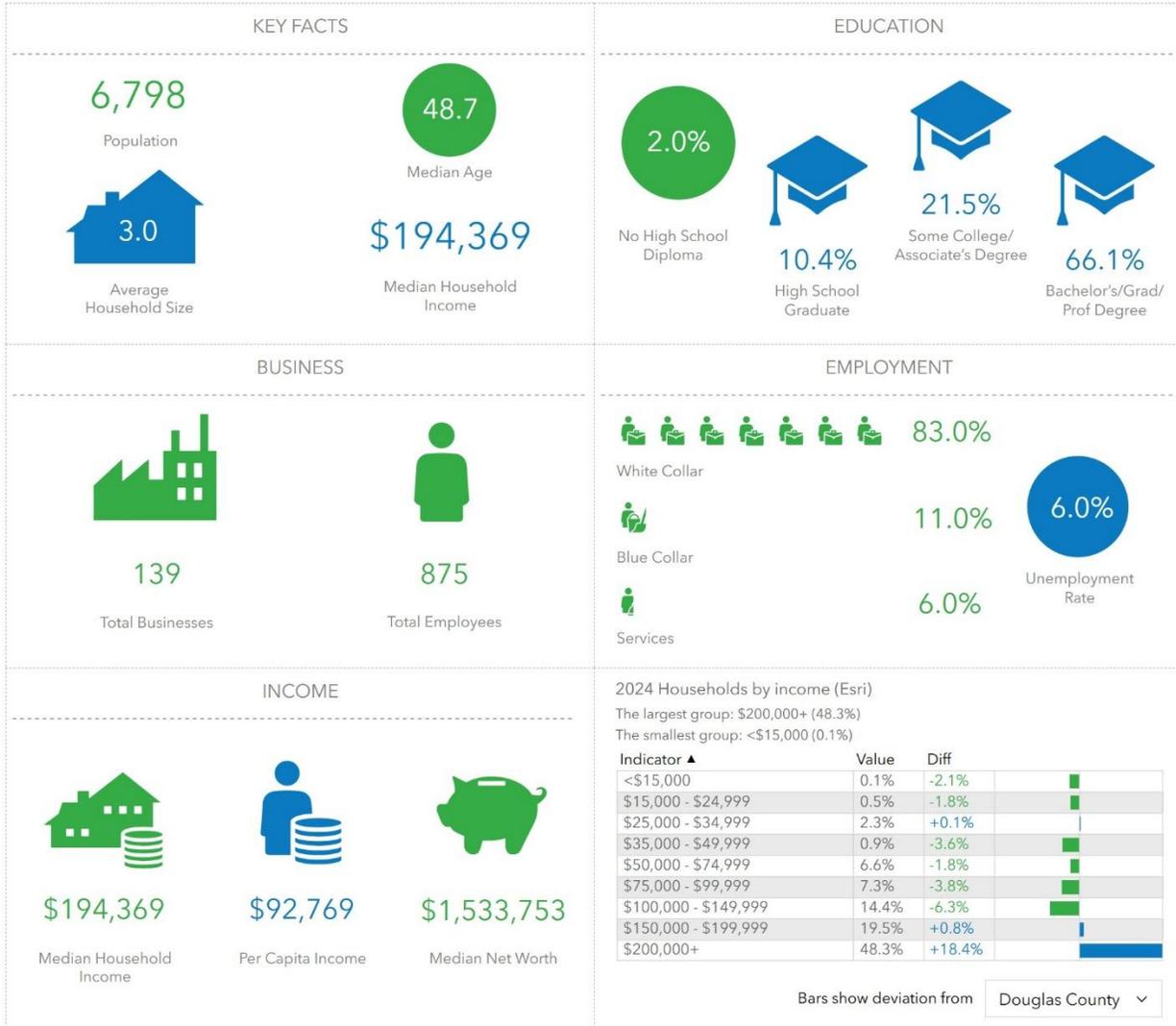


FIGURE 24 2022-2024 CAD DATA

Key Facts

Response Zone W
Response Zone W



Source: This infographic contains data provided by Esri (2024, 2029), Esri-Data Axle (2024). © 2025 Esri



AT RISK POPULATION PROFILE



Response Zone W

Response Zone W

6,798 Population **2,298** Households **2.95** Avg Size Household **48.7** Median Age **\$194,369** Median Household Income **\$820,592** Median Home Value **302** Wealth Index **99** Housing Affordability **36** Diversity Index

AT RISK POPULATION

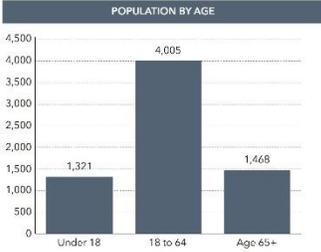
- 462** Households With Disability
- 1,468** Population 65+
- 17** Households Without Vehicle

POVERTY AND LANGUAGE

- 1%** Households Below the Poverty Level
- 17** Households Below the Poverty Level
- 0** Pop 65+ Speak Spanish & No English

POPULATION AND BUSINESSES

- 4,856** Daytime Population
- 139** Total Businesses
- 875** Total Employees



Language Spoken (ACS)	Age 5-17	18-64	Age 65+	Total
English Only	1,355	4,199	968	6,522
Spanish	27	99	40	166
Spanish & English Well	27	99	32	158
Spanish & English Not Well	0	0	9	9
Spanish & No English	0	0	0	0
Indo-European	0	62	45	107
Indo-European & English Well	0	62	42	104
Indo-European & English Not Well	0	0	3	3
Indo-European & No English	0	0	0	0
Asian-Pacific Island	0	11	25	36
Asian-Pacific Isl & English Well	0	11	25	36
Asian-Pacific Isl & English Not Well	0	0	0	0
Asian-Pacific Isl & No English	0	0	0	0
Other Language	0	1	0	1
Other Language & English Well	0	1	0	1
Other Language & English Not Well	0	0	0	0
Other Language & No English	0	0	0	0

Source: This infographic contains data provided by Esri (2024, 2029), ACS (2018-2022), Esri-Data Aisle (2024).

Planning Zone Z

This zone is the primary service area for station five. It has seven polygons (TRM Z, TRM Z2, TRM Z3, TRM Z4, TRM Z5, TRM Z6, and TRM Z 83) without WDS. The area has a population of 1,901, and its real property value is \$500,000,000.

Planning Zone Z has a population of 1,901 and a real property value of \$500,000,000. It contains two critical infrastructure facilities and one target hazard structure, including a nursing home. The zone features 6.57 miles of major roadway. The district has created the Monument Community Wildfire Protection Plan, which should be referenced to assess wildfire risks within this area.

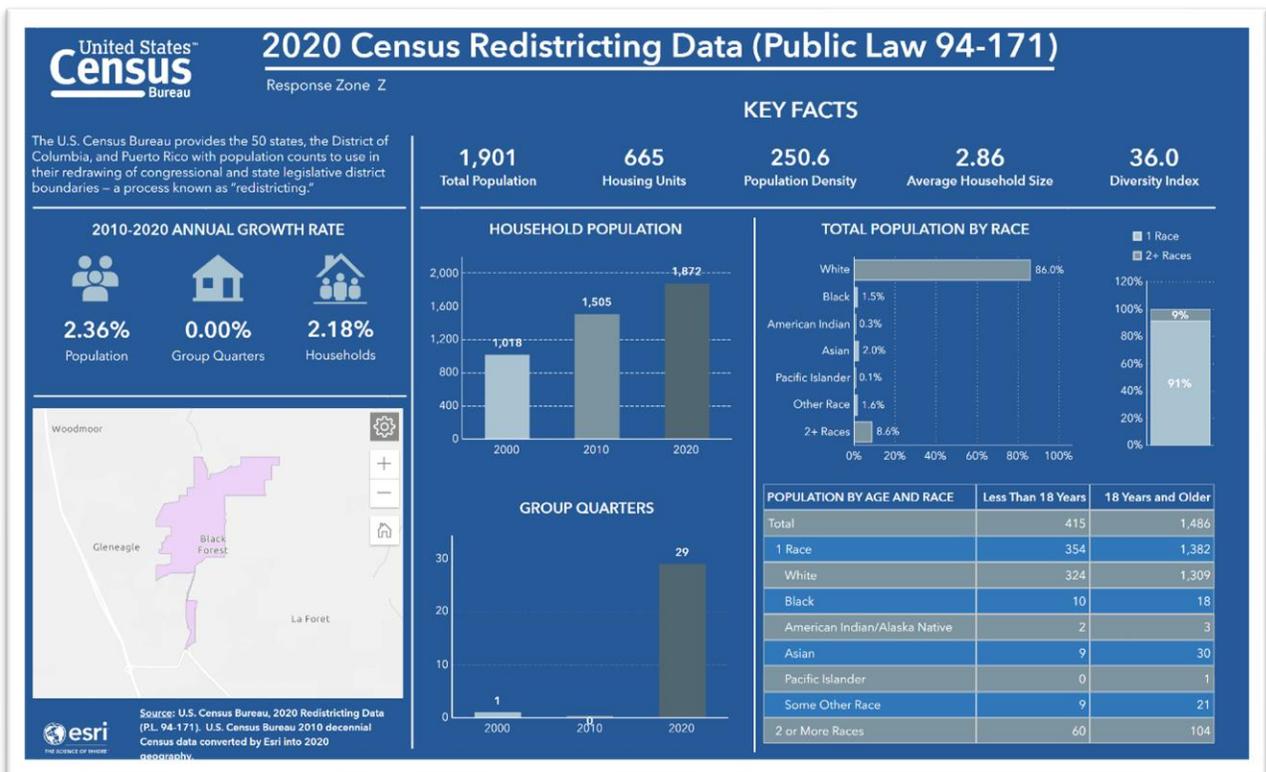


FIGURE 25 MONUMENT FIRE DISTRICT PLANNING ZONE Z

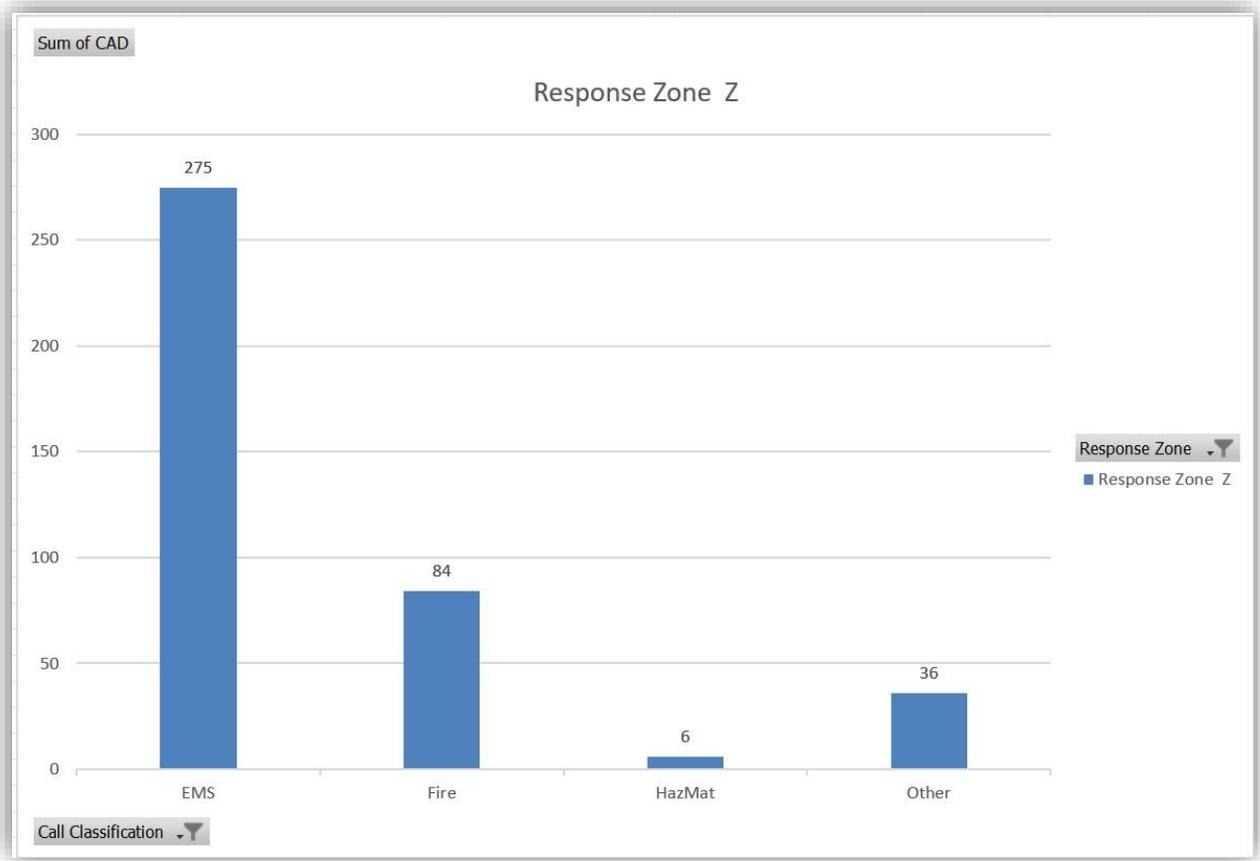
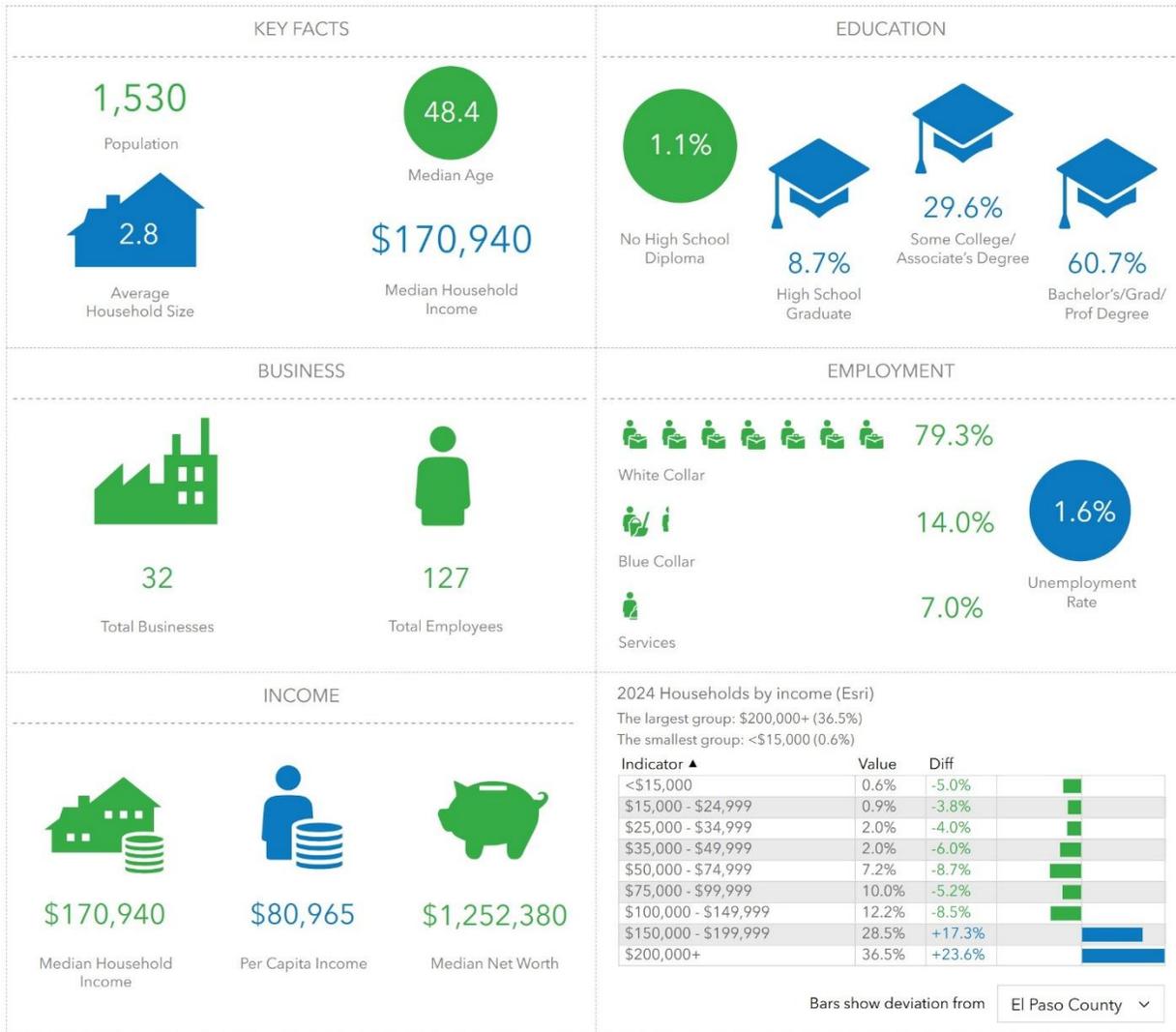


FIGURE 26 2022-2024 CAD DATA

Key Facts

Response Zone Z
Response Zone Z



Source: This infographic contains data provided by Esri (2024, 2029), Esri-Data Axle (2024). © 2025 Esri



AT RISK POPULATION PROFILE



Response Zone Z

Response Zone Z

1,530 Population **540** Households **2.79** Avg Size Household **48.4** Median Age **\$170,940** Median Household Income **\$722,222** Median Home Value **259** Wealth Index **99** Housing Affordability **38** Diversity Index

AT RISK POPULATION

76 Households With Disability **350** Population 65+ **0** Households Without Vehicle

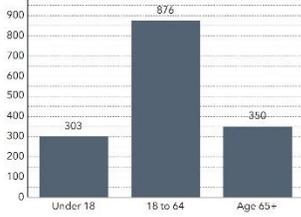
POVERTY AND LANGUAGE

2% Households Below the Poverty Level **9** Households Below the Poverty Level **0** Pop 65+ Speak Spanish & No English

POPULATION AND BUSINESSES

1,097 Daytime Population **32** Total Businesses **127** Total Employees

POPULATION BY AGE



Language Spoken (ACS)	Age 5-17	18-64	Age 65+	Total
English Only	186	798	344	1,328
Spanish	7	17	0	24
Spanish & English Well	7	16	0	23
Spanish & English Not Well	0	0	0	0
Spanish & No English	0	0	0	0
Indo-European	1	14	5	20
Indo-European & English Well	0	13	3	16
Indo-European & English Not Well	0	1	1	2
Indo-European & No English	1	0	0	1
Asian-Pacific Island	1	13	6	20
Asian-Pacific Isl & English Well	1	13	6	20
Asian-Pacific Isl & English Not Well	0	0	0	0
Asian-Pacific Isl & No English	0	0	0	0
Other Language	0	1	0	1
Other Language & English Well	0	0	0	0
Other Language & English Not Well	0	1	0	1
Other Language & No English	0	0	0	0

Source: This infographic contains data provided by Esri (2024, 2029), ACS (2018-2022), Esri-Data Axle (2024).

Planning Zone TRM-MOU/CSFD 24,25,26

These areas are considered rural, with no municipal water system. Lots are typically five acres or more and are mostly residential. The total population within this area is 279. Although this area is still legally within the fire district, it has been surrounded by the City of Colorado Springs to the south, east, and north and by the Airforce Academy to the west. Since the response times fall outside of the district's standard of coverage, the district has an IGA with the City of Colorado Springs to provide emergency services to this area. The district provides one engine and a North Group tender response for any situation where hauled water is needed.

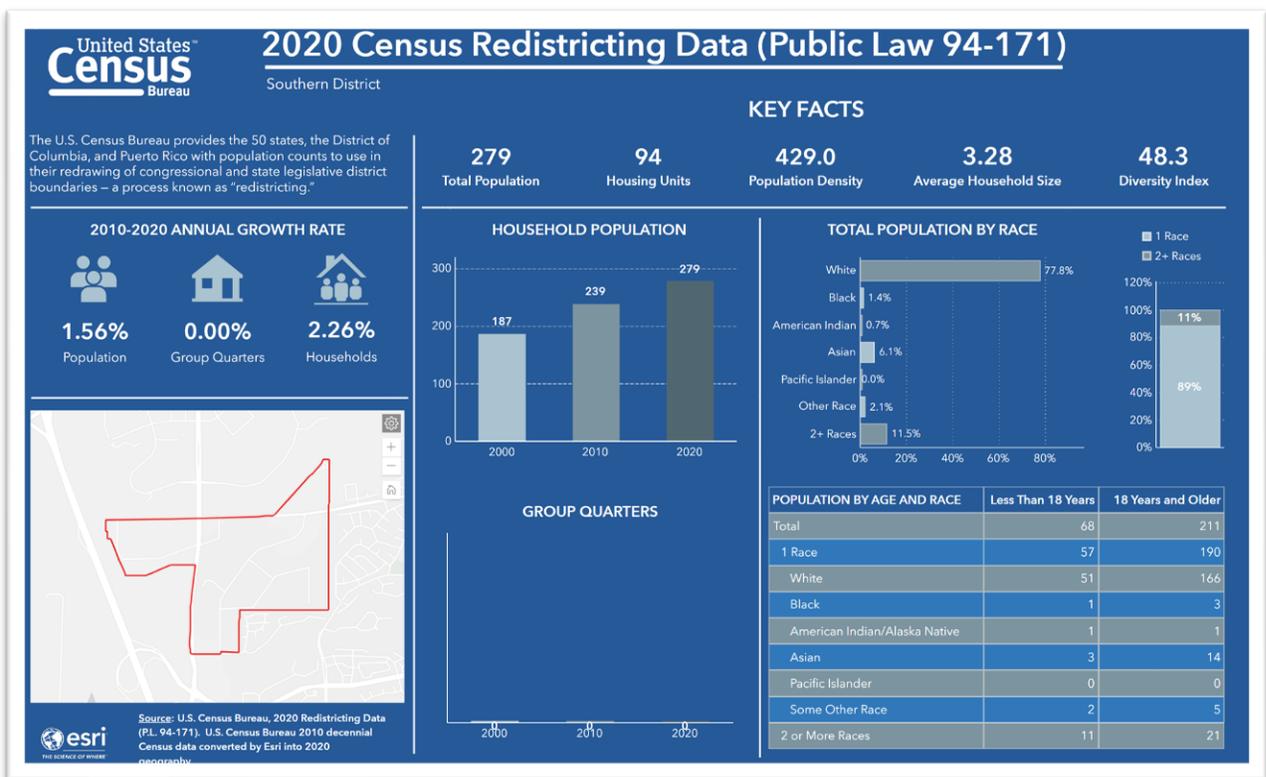


FIGURE 27 MONUMENT FIRE DISTRICT PLANNING ZONE TRM-MOU/CSFD 24,25,26

Community Priorities, Expectations, and Performance Goals

Community Service Priorities and Expectations

The district values the community in which we serve. The community's interactions, satisfaction, and involvement directly translate into the district's long-term success. In May 2021, the district hosted a community participant workshop with representatives from homeowner's associations, public safety, local business owners, and philanthropy groups. Through a SWOT analysis, participants provided expectations for services and program delivery for the future.

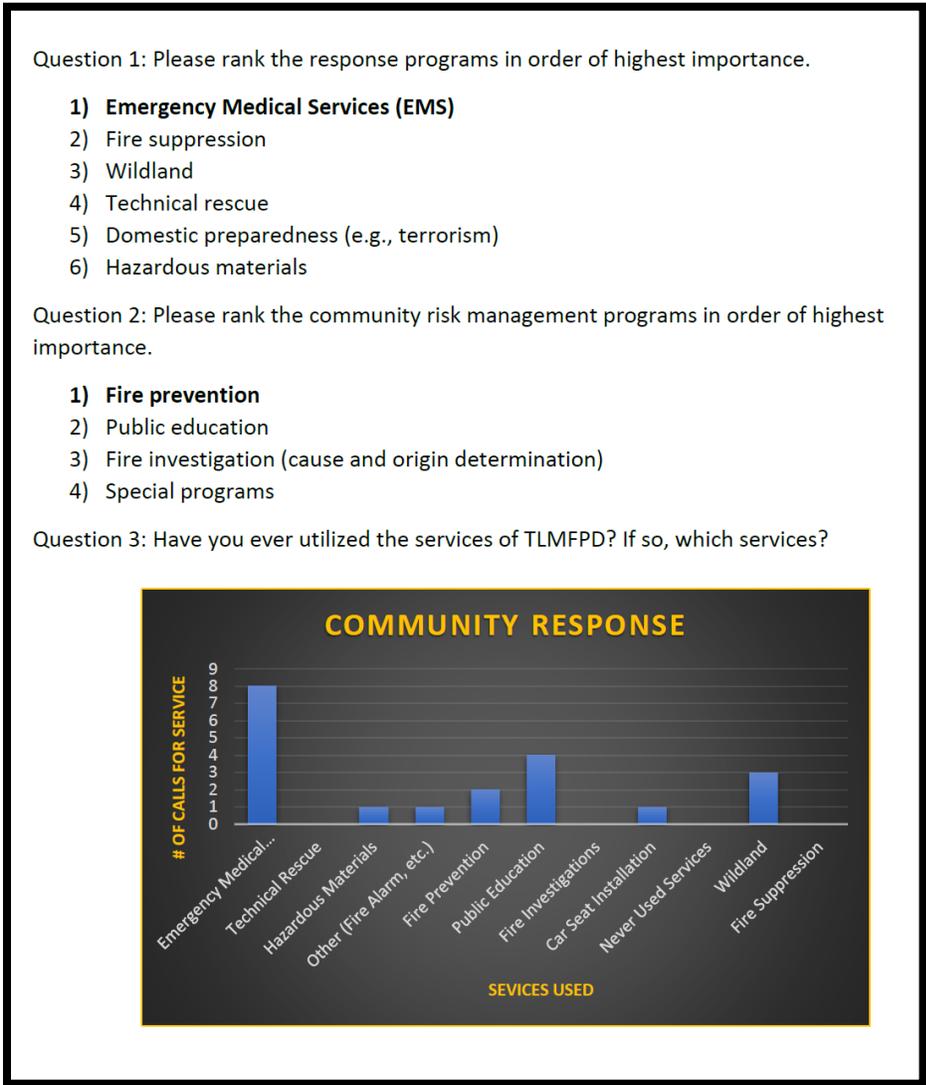
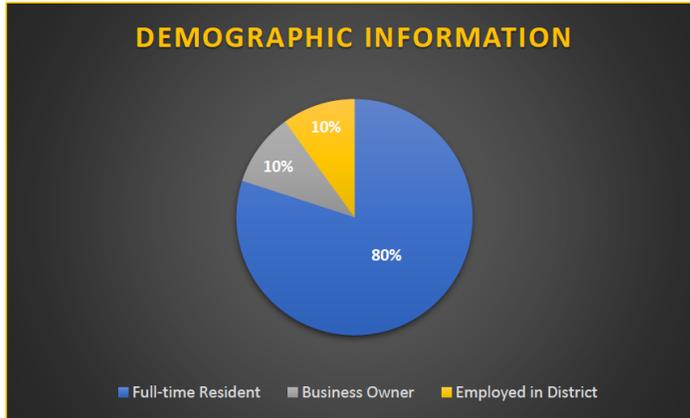
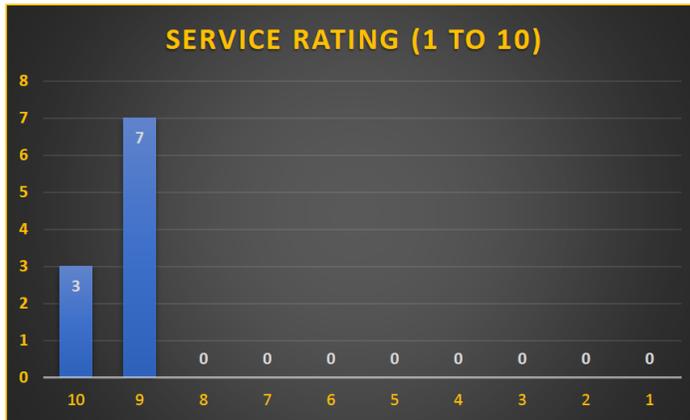


FIGURE 28 MONUMENT FIRE DISTRICT TYPE OF SERVICES RESPONSE FOR STRATEGIC PLAN

Question 4: Demographic information:



Question 5: Overall, how would you rate the services provided by TLMFPD on a scale of 1 to 10 (10 being best)?



Are there additional services you would like to have offered within the district?

- 1) Fire explorer program
- 2) Community paramedicine/support vehicle
- 3) Other volunteer programs

FIGURE 29 MONUMENT FIRE DISTRICT COMMUNITY SWOT ANALYSIS RESPONSE

Performance Goals

Fire Suppression: High-Risk (Hydranted Area)

Fire suppression call types in this category include commercial structures, high-life hazard structures, multi-family structures, and explosions.

For 90% of high-risk structure fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters in an urban area is 6 minutes 24 seconds and 10 minutes 24 seconds in a rural area.

For 90% of high-risk structure fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene in an urban area will be 12 minutes and 40 seconds and 17 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Monument Fire District officers are trained to request a second alarm assignment for this category to achieve the ERF due to variations of call categorization within the Dispatch Center system. The district attempts to limit multi-agency responses for calls that do not require the critical tasks identified below.

Structure Fire A-High			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due battalion	1	Size up, command, command support	2
1 st due engine	3	1 st attack line	2
2 nd due engine	3	2 nd attack line	2
3 rd due engine	3	3 rd attack line	2
4 th due engine	4	4 th attack line	2
5 th due engine	4	Pump operations	4
1 st due truck	3	Utilities	1
2 nd due truck	4	RIT/On-Deck	4
Air unit	2	Water supply	2
1 st due medic	2	Division	2
2 nd due medic	2	Aerial operations	4
Medical/rehab	4	Search	4

1 st due division	1	FDC	2
2 nd due division	1	Medical and Rehab	4
Total Responding Personnel	37	Total Personnel Needed	37

Fire Suppression: Moderate-Risk (Hydranted Area)

Fire suppression call types in this category include residential structures, appliances not contained, outbuildings/detached garages, trash/garbage, smoke (visible), chimneys, grills (on deck or patio), and unknown structures.

For 90% of moderate-risk structure fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters in an urban area is 6 minutes 24 seconds and 10 minutes 24 seconds in a rural area.

For 90% of moderate-risk structure fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene in an urban area will be 10 minutes 24 seconds and 12 minutes 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below, along with unit type and personnel assigned to achieve the task goals.

Monument Fire District officers are trained to request a second alarm assignment for this category to achieve the ERF due to variations of call categorization within the Dispatch Center system. The district attempts to limit multi-agency responses for calls that do not require the critical tasks identified below.

Structure Fire B-Moderate			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due battalion	1	Size-up, command, command support	2
1 st due engine	3	1 st attack line	2
2 nd due engine	3	2 nd attack line	2
3 rd due engine	3	Water supply	1
1 st due truck	3	Search	2
1 st due medic	2	Utilities	1
2 nd due medic	2	Ladders	2
1 st due division	1	RIT/On-deck	2

		Medical and Rehab	4
Total Responding Personnel	18	Total Personnel Needed	18

Fire Suppression: Low-Risk (Hydranted Area)

Fire suppression call types in this category include odor only, lightning strike only, electrical outlet, appliance (contained), and extinguished.

For 90% of low-risk structure fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters in an urban area is 6 minutes and 24 seconds and 10 minutes 24 seconds in a rural area.

For 90% of low-risk structure fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene in an urban area will be 10 minutes 24 seconds and 12 minutes 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Structure Fire C-Low			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due battalion	1	Size up and command	1
1 st due engine	3	1 st attack line	2
1 st due truck	3	Water supply	1
1 st due medic	2	Search	2
		Medical	2
Total Responding Personnel	9	Total Personnel Needed	8

Fire Suppression: High-Risk (Non-Hydranted Area)

Fire suppression call types in this category include commercial structures, high life hazard structures, multi-family structures, and explosions.

For 90% of high-risk structure fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 8 minutes 0 seconds.

For 90% of high-risk structure fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 17 minutes 24 seconds.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Monument Fire District officers are trained to request a second alarm assignment for this category to achieve the ERF due to variations of call categorization within the Dispatch Center system. The district attempts to limit multi-agency responses for calls that do not require the critical tasks identified below.

Structure Fire A Non-Hydranted-High			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due battalion	1	Size up, command, command support	2
1 st due engine	3	1 st attack line	2
2 nd due engine	3	2 nd attack line	2
3 rd due engine	3	3 rd attack line	2
4 th due engine	4	4 th attack line	2
5 th due engine	4	Pump operations	4
1 st due truck	3	Utilities	1
2 nd due truck	4	RIT/On-Deck	4
1 st due medic	2	Water supply	6
2 nd due medic	2	Division	2
1 st due tender	2	Aerial Operations	4
2 nd due tender	2	Search	4
Air unit	2	FDC	2
Medical/rehab	4	Medical and Rehab	4
1 st due division	1		
2 nd due division	1		
Total Responding Personnel	41	Total Personnel Needed	41

Fire Suppression: Moderate-Risk (Non-Hydranted Area)

Fire suppression call types in this category include residential structures, appliances not contained, outbuildings/detached garages, trash/garbage, smoke (visible), chimney, grill (on deck or patio), and unknown structures.

For 90% of moderate-risk structure fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 10 minutes 24 seconds.

For 90% of moderate-risk structure fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 12 minutes 24 seconds.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Monument Fire District officers are trained to request a second alarm assignment for this category to achieve the ERF due to variations of call categorization within the Dispatch Center system. The district attempts to limit multi-agency responses for calls that do not require the critical tasks identified below.

Structure Fire B Non-Hydranted-Moderate			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due battalion	1	Size up, command, command support	2
1 st due engine	3	1 st attack line	2
2 nd due engine	3	2 nd attack line	2
3 rd due engine	3	Water supply	5
1 st due truck	3	Search	2
1 st due tender	2	Utilities	1
2 nd due tender	2	Ladders	2
1 st due medic	2	RIT/On-deck	2
2 nd due medic	2	Medical and Rehab	4
1 st due division	1		
Total Responding Personnel	22	Total Personnel Needed	22

Fire Suppression: Low-Risk (Non-Hydranted Area)

Fire suppression call types in this category include odor only, lightning strike only, electrical outlet, appliance (contained), and extinguished.

For 90% of low-risk structure fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 10 minutes 24 seconds.

For 90% of low-risk structure fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 12 minutes 24 seconds.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Structure Fire C Non-Hydranted-Low			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due battalion	1	Size up and command	1
1 st due engine	3	1 st attack line	2
2 nd due engine	3	Water supply	3
1 st due tender	2	Search	2
1 st due medic	2	Medical	2
Total Responding Personnel	11	Total Personnel Needed	10

Emergency Medical: High-Risk

Medical calls in this category include cardiac arrest, electrocution, and hanging.

For 90% of high-risk medical responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 4 seconds in an urban area and 10 minutes and 4 seconds in a rural area.

For 90% of high-risk medical responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 4 seconds in an urban area and 12 minutes and 4 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Medical A-High			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due battalion	1	Command/Communications	1
1 st due engine	3	Patient Assessment	1
1 st due medic	2	Treatment	2
		Packaging	1
		Transportation/Driver	1
Total Responding Personnel	6	Total Personnel Needed	6

Emergency Medical: Moderate-Risk

Medical calls in this category include abdominal pain, accidental injury, allergic reaction, animal bit, back pain, breathing ineffective, burns, diabetic problem, fall, overdose-poisoning, suicide attempt, carbon monoxide poisoning, chest pain, choking, seizure, trauma, overdose, childbirth, psychiatric, unconscious-fainting, and unattended death.

For 90% of moderate-risk medical responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 4 seconds in an urban area and 10 minutes and 4 seconds in a rural area.

For 90% of moderate-risk medical responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 4 seconds in an urban area and 12 minutes and 4 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Medical B-Moderate			
Unit	Crew Size	Task	Personnel Needed * part time Task
1 st due engine	3	Command/Communications	1
1 st due medic	2	Patient Assessment	1
		Treatment	2
		Packaging	0.5

			Transportation/Driver	0.5
Total Responding Personnel	5		Total Personnel Needed	5

Emergency Medical: Low-Risk

Medical calls in this category include medical stage, suicidal check the welfare, medical alarm, assault, taser deployment, eye problem/injury.

For 90% of low-risk medical responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 4 seconds in an urban area and 11 minutes and 24seconds in a rural area.

For 90% of low-risk medical responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 4 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Medical C-Low				
Unit	Crew Size		Task	Personnel Needed * part time Task
1 st due engine	3		Documentation	1
1 st due medic	2		Patient Assessment and Treatment	1
			Transportation/Driver	1
Total Responding Personnel	5		Total Personnel Needed	3

Wildland Fire Suppression: High-Risk

Wildland fire suppression calls in this category include outside fire/wildland.

For 90% of high-risk wildfire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 9 minutes and 4 seconds in a rural area.

For 90% of high-risk wildfire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 12 minutes and 34 seconds in an urban area and 17 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Monument Fire District officers are trained to request a second alarm assignment for this category to achieve the ERF due to variations of call categorization within the Dispatch Center system. The district attempts to limit multi-agency responses for calls that do not require the critical tasks identified below.

Outside Fire A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size-up, command, command support	2		
1 st due engine	3	Structure Triage	6		
2 nd due engine	3	Structure Protection	6		
3 rd due engine	3	Water supply	4		
1 st due type 6 engine	3	Division	2		
2 nd due type 6 engine	3	Tactical patrol	2		
1 st due tender	2				
2 nd due tender	2				
1 st due medic	2				
Total Responding Personnel	22	Total Personnel Needed	22		

Wildland Fire Suppression: Moderate-Risk

Wildland fire suppression calls in this category include small outside fire (vegetation).

For 90% of moderate-risk wildfire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 9 minutes and 4 seconds in a rural area.

For 90% of moderate-risk wildfire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Outside Fire B-Moderate					
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Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	1 st attack line	2		
1 st due type 6 engine	3	2 nd attack line	2		
		Water supply	2		
Total Responding Personnel	7	Total Personnel Needed	7		

Wildland Fire Suppression: Low-Risk

Wildland fire suppression calls in this category include bonfire/campfire, dumpster fire, trash/garbage fire, outside fire (object), outside fire (extinguished).

For 90% of low-risk wildfire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 9 minutes and 4 seconds in a rural area.

For 90% of low-risk wildfire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds for a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Outside Fire C-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due engine	3	Size up and Command	1		
		1 st fire attack line	2		
Total Responding Personnel	3	Total Personnel Needed	3		

Hazardous Materials: High-Risk

Hazardous materials calls in this category include gas leak (inside).

For 90% of high-risk hazardous responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% of high-risk hazardous responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 12 minutes and 40 seconds in an urban area and 17 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Hazmat A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Scene isolation	3		
1 st due squad	2	Product monitoring	2		
1 st due medic	2	Medical standby			
Total Responding Personnel	8	Total Personnel Needed	8		

Hazardous Materials: Moderate-Risk

Hazardous materials calls in this category include gas leak (outside), bomb threat, fuel spill, hazmat.

For 90% of moderate-risk hazardous materials responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 24 seconds in a rural area.

For 90% of moderate-risk hazardous responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Hazmat B-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		

1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Scene isolation	3		
2 nd due engine	3	Product monitoring	2		
1 st due squad	2	Defensive control measures	3		
1 st due medic	2	Medical standby	2		
Total Responding Personnel	11	Total Personnel Needed	11		

Hazardous Materials: Low-Risk

Hazardous materials calls in this category include gas leak (outside), bomb threat, fuel spill, hazmat.

For 90% of low-risk hazardous materials responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% of low-risk hazardous responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

Technical Rescue:

Technical rescue calls in this category include confined space, structural collapse, high-angle rescue, and incident inaccessible/entrapment.

For 90% of technical rescue responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% of technical rescue responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 12 minutes and 40 seconds in an urban area and 17 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Technical Rescue					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		

1 st due engine	3	Victim rescue	2		
2 nd due engine	3	System rigging	3		
1 st due truck	3	Haul/system management	4		
1 st due medic	2	Back up crew	2		
1 st due squad	2				
Total Responding Personnel	14	Total Personnel Needed	12		

Water/Ice Rescue:

Water rescue calls in this category include drowning/diving/SCUBA, ice rescue (surface), and watercraft in distress/collision.

For 90% of water/ice rescue responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% of water/ice rescue fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 12 minutes and 40 seconds in an urban area and 17 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Water/Ice Rescue					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Victim rescue	2		
2 nd due engine	3	System rigging	3		
1 st due truck	3	Haul/system management	4		
1 st due medic	2	Back up crew			
1 st due squad	2				
Total Responding Personnel	14	Total Personnel Needed	12		

Traffic Accident-Extrication: High-Risk

Traffic accident calls in this category include traffic accident entrapment.

For 90% of high-risk traffic accident responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% of high-risk traffic accident responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 12 minutes and 40 seconds in an urban area and 17 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Traffic Accident/Extrication A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Stabilization	2		
1 st due truck	3	Extrication	2		
1 st due squad	2	Victim rescue	2		
1 st due medic	2	Treatment and Transport	2		
2 nd due medic	2	Traffic Control	2		
		Fire protection line	2		
Total Responding Personnel	13	Total Personnel Needed	13		

Traffic Accident: Moderate-Risk

Traffic accident calls in this category include traffic accidents with unknown injuries and traffic accidents with injuries.

For 90% of moderate-risk traffic accident responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% moderate-risk traffic accident responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below, along with unit type and personnel assigned to achieve the task goals.

Traffic Accident/Injuries B-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Vehicle stabilization and safety	2		
1 st due squad	3	Treatment and Transport	2		
1 st due medic	2	Traffic Control	2		
		Vehicle movement	1		
Total Responding Personnel	9	Total Personnel Needed	8		

Traffic Accident: Low-Risk

Traffic accident calls in this category include traffic accident-no injuries.

For 90% of low-risk traffic accident responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% low-risk traffic accident responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below along with unit type and personnel assigned to achieve the task goals.

Traffic Accident/No Injuries C-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
N/A		Law only			
Total Responding Personnel		Total Personnel Needed	0		

Vehicle Fire: High-Risk

Vehicle fire calls in this category include boat fires and trailer/RV/semi fires.

For 90% of high-risk vehicle fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% of high-risk vehicle fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below, along with unit type and personnel assigned to achieve the task goals.

Vehicle Fire A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and command	1		
1 st due engine	3	1 st fire attack line	2		
2 nd due engine	3	Traffic-Scene Control	3		
1 st due medic	2	Medical standby	2		
		Water supply	1		
Total Responding Personnel	9	Total Personnel Needed	9		

Vehicle Fire: Moderate-Risk

Vehicle fire calls in this category include standard vehicle fires.

For 90% of moderate-risk vehicle fire responses within the Monument fire district, the total response time for the first arriving unit staffed with one officer and two firefighters is 6 minutes and 24 seconds in an urban area and 11 minutes and 4 seconds in a rural area.

For 90% moderate-risk vehicle fire responses within the Monument Fire District, the total response time for the effective firefighting (ERF) force to arrive on scene will be 10 minutes and 24 seconds in an urban area and 12 minutes and 24 seconds in a rural area.

The critical tasks identified for this/these call type(s) are outlined below, along with unit type and personnel assigned to achieve the task goals.

Vehicle Fire B-Moderate					
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Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and command	1		
1 st due engine	3	1 st attack line	2		
2 nd due engine	3	Traffic-Scene Control	3		
Total Responding Personnel	7	Total Personnel Needed	6		

Summary of Community Response History

The district utilizes ESO Solutions Inc. (ESO) as its records management system (RMS). The RMS data is used to analyze response performance, with the following rules applied: Only incidents categorized as an emergency (code 3, light, and sirens) response mode are included. Non-emergency incidents, incidents canceled before arrival, invalid data points, mutual aid responses outside of the district service area, and data outliers are eliminated from the data set whenever discovered.

Outliers excluded from the data include:

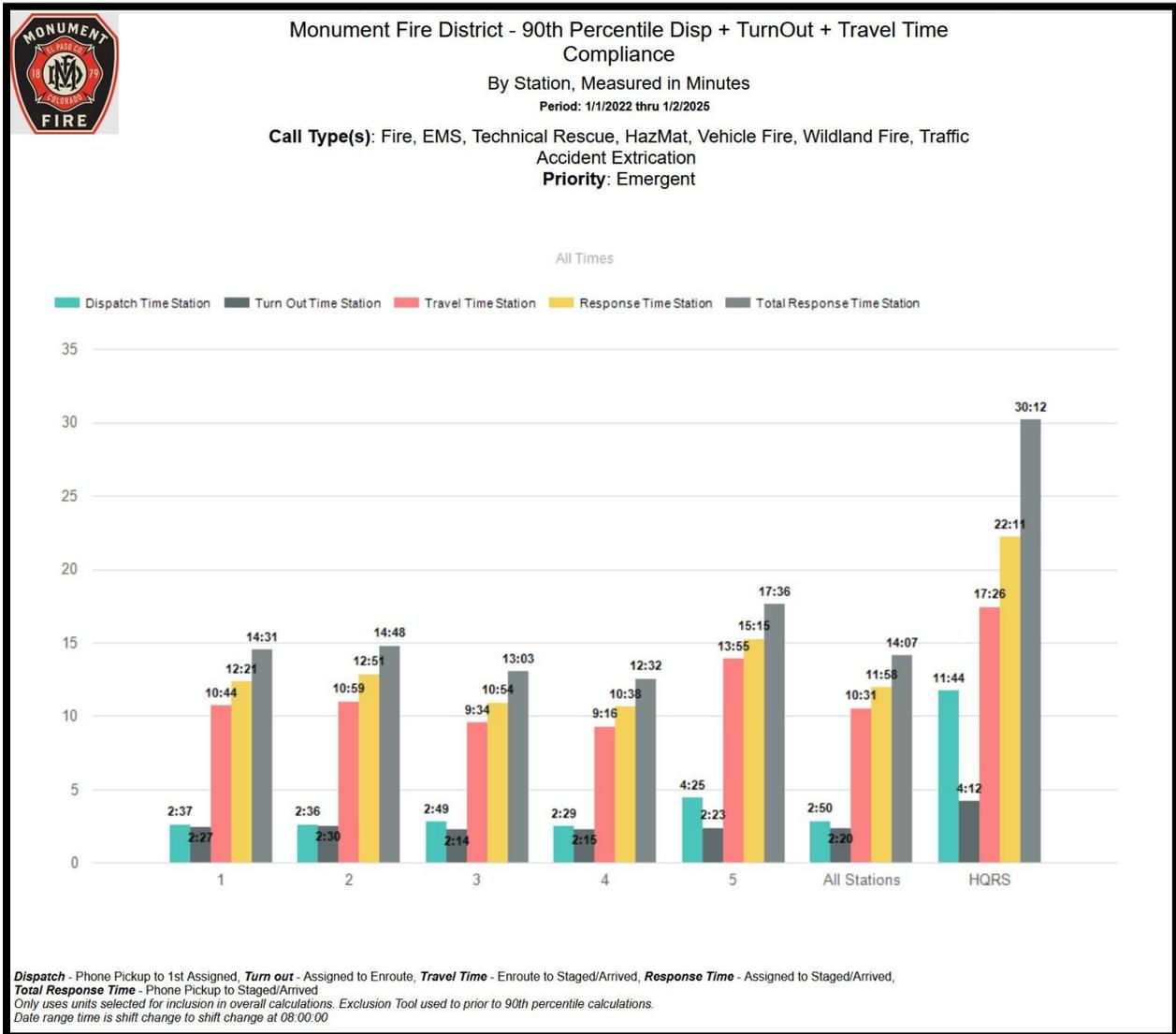
- Call downgraded or upgraded
- Mobile Data Terminal (MDT) operator error
- Time stamp error
- Traffic delay
- Train delay
- Weather delay

General Points and Criteria:

- Effective Response Force (ERF) is based on personnel count.
- Apparatus personnel number is calculated by counting the number of personnel records found for each response. If this number is NULL, the static count for the apparatus type from the data mapping is used. This second scenario will most likely happen if mutual aid personnel names are not included in the RMS.
- Responses without "Emergent" indicated as Priority are ignored.
- Call classifications are determined by CAD incident types (footnote on ACR), while the other reports are still classified by NFIRS codes in RMS.
- Call classification and risk category are determined by the data mapping on CAD incident types.
- Incidents not geocoded within the Response Area shapefiles are ignored.
- Population Density is determined by an 'H' in the Response Area shapefile.
- Aggregate times are 90th percentiles.

Unit response times are queried for each incident that fits the above criteria within the date range. The timestamp is returned for the unit that meets or exceeds the minimum personnel count for a specific critical task (i.e., call classification, risk category, population density). The ERF Enroute Timestamps and the ERF Arrival Timestamps are used to calculate the travel time and response time metrics. Once all calculations have been established for a date range, they are grouped by critical tasks, and the 90th percentiles for each are returned.

District Station Performance Graph



Unit Incident Count and Response Performance



Monument Fire District Incident Count and Response Performance by Unit

Date Range: 01/01/2022 to 01/01/2023

Shift(s): A, B, C

Priority: Emergent

Total Incidents*				
Fire	EMS	Technical Rescue	HazMat	Total
573	2,585	6	72	3,236

Response Measures by Unit by Incident Type (Monument Fire District Units Only)																		
Station	Unit	Dispatch			TurnOut			Travel			Total Response			Number of Responses By Incident Type				
		90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	Fire	EMS	Technical Rescue	HazMat	Total
1	P521	0:02:46	66.7%	0:01:48	0:03:41	33.3%	0:02:06	0:21:37	0.0%	0:16:29	0:24:58	0.0%	0:20:44	3				3
	P511	0:03:20	73.4%	0:01:43	0:02:38	49.7%	0:01:35	0:10:04	80.4%	0:05:36	0:12:40	70.8%	0:08:51	27	148		2	177
	P581	0:02:45	72.5%	0:02:02	0:02:18	70.5%	0:01:17	0:12:57	68.0%	0:07:22	0:17:51	63.1%	0:10:42	28	843		1	872
	P531	0:02:48	74.4%	0:01:41	0:02:41	45.3%	0:01:48	0:10:31	78.8%	0:05:56	0:14:17	69.2%	0:09:24	145	436	3	10	594
	P561	0:01:45	0.0%	0:01:45	0:04:01	0.0%	0:04:01							1				1
Station Totals		0:02:48	73.2%	0:01:52	0:02:35	59.1%	0:01:30	0:11:27	72.3%	0:06:42	0:16:03	66.0%	0:10:04	204	1427	3	13	1647
2	P512	0:02:34	72.4%	0:01:32	0:02:41	55.8%	0:01:30	0:10:32	68.6%	0:06:26	0:13:31	62.3%	0:09:30	75	256		13	344
	P542	0:11:18	35.7%	0:04:35	0:05:14	28.6%	0:02:33	0:44:58	45.5%	0:15:00	0:49:28	36.4%	0:22:55	14				14
	P582	0:02:32	71.8%	0:01:35	0:06:08	58.1%	0:02:05	0:16:25	70.7%	0:07:43	0:21:27	60.7%	0:11:24	5	243			248
	P562	0:07:37	0.0%	0:07:37	0:01:00	100.0%	0:01:00	0:04:00	100.0%	0:04:00	0:12:37	0.0%	0:12:37	1				1
	Station Totals		0:02:38	71.2%	0:01:38	0:03:11	56.2%	0:01:46	0:12:42	69.1%	0:07:08	0:17:00	61.0%	0:10:34	95	499		13
3	P513	0:02:45	72.2%	0:01:37	0:02:20	61.4%	0:01:35	0:09:06	83.9%	0:05:25	0:12:18	79.0%	0:08:39	143	586		12	741
	P589	0:02:44	50.0%	0:02:05	0:01:00	100.0%	0:00:33	0:04:39	100.0%	0:03:35	0:07:31	100.0%	0:06:14		2			2
	P583	0:02:13	40.0%	0:01:30	0:01:22	80.0%	0:00:43	0:17:36	20.0%	0:13:51	0:19:16	20.0%	0:16:06		5			5
	P502	0:03:47	63.8%	0:02:10	0:02:09	73.9%	0:01:08	0:09:26	75.8%	0:05:53	0:13:44	67.7%	0:09:20	224	355	1	34	614
	Station Totals		0:03:03	68.3%	0:01:52	0:02:16	67.2%	0:01:23	0:09:20	80.3%	0:05:39	0:13:05	74.1%	0:08:58	367	948	1	46
4	P544	0:11:33	25.0%	0:05:38	0:11:23	75.0%	0:00:33	0:05:12	100.0%	0:03:18	0:13:29	66.7%	0:10:37	4				4
	P514	0:02:17	75.7%	0:01:39	0:02:25	55.5%	0:01:32	0:07:50	88.4%	0:05:01	0:11:11	82.2%	0:08:10	77	399		18	494
	P584	0:02:17	77.0%	0:01:39	0:02:21	65.3%	0:01:24	0:11:01	80.2%	0:06:22	0:14:04	74.7%	0:09:14	17	504			521
	P564	0:01:56	71.4%	0:01:12	0:04:31	0.0%	0:03:26	0:25:25	50.0%	0:12:46	0:29:56	25.0%	0:18:00	7				7
	Station Totals		0:02:17	76.1%	0:01:40	0:02:24	60.1%	0:01:29	0:09:39	84.1%	0:05:44	0:12:42	78.1%	0:08:46	105	903		18
5	P575	0:04:19	15.2%	0:02:52	0:00:01	100.0%	0:00:04	0:09:13	73.1%	0:05:21	0:13:55	73.1%	0:08:13	7	25		1	33
	P585	0:03:48	65.5%	0:01:54	0:02:29	59.2%	0:01:24	0:17:12	35.6%	0:10:08	0:20:56	33.1%	0:13:25	14	288	1	1	304
	Station Totals		0:04:05	60.5%	0:02:00	0:02:26	63.2%	0:01:16	0:16:51	38.8%	0:09:44	0:20:33	36.5%	0:12:59	21	313	1	2
HQRS	P503	0:12:05	0.0%	0:07:34	0:00:00	100.0%	0:00:00	0:07:03	50.0%	0:03:57	0:12:55	50.0%	0:11:31		2			2
	P501	0:03:00	50.0%	0:02:08	0:03:53	50.0%	0:02:10	0:08:36	50.0%	0:06:11	0:12:02	50.0%	0:10:29	2				2
	P509	0:08:32	0.0%	0:06:40	0:04:18	33.3%	0:02:35	0:00:00	100.0%	0:00:00	0:11:31	66.7%	0:09:15	2	1			3
	P501	0:02:12	0.0%	0:02:10	0:00:00	100.0%	0:00:00	0:06:34	100.0%	0:03:52	0:08:46	100.0%	0:06:02	2				2
	Station Totals		0:09:39	11.1%	0:04:51	0:04:23	66.7%	0:01:20	0:08:06	77.8%	0:03:06	0:12:36	66.7%	0:09:19	6	3		
Other	P2015	0:00:51	100.0%	0:00:51	0:02:03	0.0%	0:02:03								1			1
	P2045	0:18:24	0.0%	0:14:08	0:00:00	100.0%	0:00:00	0:08:13	0.0%	0:08:05	0:26:21	0.0%	0:22:13	1	1			2
	P700	0:04:07	0.0%	0:04:07	0:00:00	100.0%	0:00:00	0:07:49	0.0%	0:07:49	0:11:56	0.0%	0:11:56	1				1
	P761	0:01:05	100.0%	0:01:05	0:06:38	0.0%	0:06:38	0:11:24	0.0%	0:11:24	0:19:07	0.0%	0:19:07	1				1
	Station Totals		0:15:12	40.0%	0:06:51	0:04:47	60.0%	0:01:44	0:10:27	0.0%	0:08:50	0:24:54	0.0%	0:18:52	3	2		
Department Totals		0:02:54	71.2%	0:01:49	0:02:29	61.4%	0:01:29	0:11:14	74.2%	0:06:28	0:15:31	68.0%	0:09:46	801	4,095	5	92	4,993



Monument Fire District Incident Count and Response Performance by Unit

Date Range: 01/01/2023 to 01/01/2024

Shift(s): A, B, C
Priority: Emergent

Total Incidents*				
Fire	EMS	Technical Rescue	HazMat	Total
595	2,756	13	80	3,444

Response Measures by Unit by Incident Type (Monument Fire District Units Only)																		
Station	Unit	Dispatch			TurnOut			Travel			Total Response			Number of Responses By Incident Type				
		90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	Fire	EMS	Technical Rescue	HazMat	Total
1	P581	0:02:26	75.4%	0:01:41	0:02:10	70.3%	0:01:16	0:10:03	73.7%	0:06:19	0:13:45	69.2%	0:09:16	41	932	4	4	981
	P531	0:02:48	74.3%	0:01:53	0:02:19	58.9%	0:01:24	0:10:04	76.8%	0:05:49	0:13:44	70.7%	0:08:53	164	424	5	10	603
	Station Totals	0:02:34	75.0%	0:01:46	0:02:15	66.0%	0:01:19	0:10:04	74.9%	0:06:08	0:13:45	69.7%	0:09:08	205	1356	9	14	1584
2	P512	0:02:33	76.5%	0:01:49	0:02:01	68.2%	0:01:12	0:10:00	71.9%	0:06:09	0:13:17	69.0%	0:08:56	94	341	1	11	447
	P542	0:21:47	28.6%	0:08:22	0:04:02	14.3%	0:03:00	0:17:51	25.0%	0:10:46	0:45:36	25.0%	0:24:30	7				7
	Station Totals	0:02:36	75.8%	0:01:55	0:02:03	67.4%	0:01:13	0:10:04	71.4%	0:06:12	0:13:19	68.6%	0:09:05	101	341	1	11	454
3	P513	0:02:22	76.8%	0:01:31	0:02:22	56.4%	0:01:28	0:08:29	84.7%	0:05:10	0:11:35	81.3%	0:08:10	157	752	8	17	934
	P502	0:03:50	67.8%	0:02:02	0:01:50	80.4%	0:00:57	0:10:04	73.4%	0:05:57	0:14:05	68.9%	0:09:03	251	387	7	29	674
	Station Totals	0:02:44	73.0%	0:01:44	0:02:12	66.5%	0:01:15	0:09:19	80.3%	0:05:29	0:12:33	76.4%	0:08:30	408	1139	15	46	1608
4	P514	0:02:23	74.4%	0:01:40	0:02:19	59.5%	0:01:23	0:07:46	88.3%	0:05:01	0:11:06	83.4%	0:07:57	136	637	2	21	796
	P544	0:01:43	86.7%	0:01:02	0:02:19	0.0%	0:02:07	0:08:47	50.0%	0:07:56	0:10:50	0.0%	0:10:35	3				3
	P584	0:02:28	75.0%	0:01:35	0:02:06	71.9%	0:01:15	0:09:53	79.3%	0:05:58	0:13:02	76.4%	0:08:46	28	711	3	1	743
	P564	0:01:49	75.0%	0:01:15	0:04:57	0.0%	0:03:54	0:14:57	33.3%	0:09:28	0:21:03	33.3%	0:14:44	4				4
	Station Totals	0:02:26	74.6%	0:01:38	0:02:15	65.2%	0:01:20	0:08:54	83.8%	0:05:30	0:12:13	79.8%	0:08:22	171	1348	5	22	1546
5	P575	0:05:49	13.2%	0:04:07	0:00:50	92.3%	0:00:19	0:10:05	74.7%	0:05:45	0:14:35	53.3%	0:10:17	24	57	1	9	91
	P585	0:03:02	74.3%	0:02:06	0:02:27	62.8%	0:01:25	0:12:37	47.8%	0:08:12	0:17:10	44.3%	0:11:26	22	314	2	1	339
	Station Totals	0:04:26	61.4%	0:02:32	0:02:20	69.1%	0:01:11	0:12:13	52.9%	0:07:43	0:16:47	46.0%	0:11:13	46	371	3	10	430
HQRS	P500	0:12:30	0.0%	0:12:30	0:27:05	0.0%	0:27:05	0:17:00	0.0%	0:17:00	0:56:35	0.0%	0:56:35	1				1
	P509	0:06:14	16.7%	0:04:10	0:00:08	100.0%	0:00:02	0:03:13	100.0%	0:01:29	0:07:38	100.0%	0:05:29	2	4			6
	P591	0:02:13	0.0%	0:02:13	0:00:00	100.0%	0:00:00	0:00:22	100.0%	0:00:22	0:02:35	100.0%	0:02:35	1	1			1
Station Totals	0:08:12	12.5%	0:04:58	0:08:19	87.5%	0:03:25	0:09:23	85.7%	0:03:32	0:27:15	85.7%	0:12:22	3	5			8	
Department Totals		0:02:48	73.3%	0:01:48	0:02:14	66.3%	0:01:17	0:09:56	77.0%	0:06:53	0:13:18	72.6%	0:08:54	934	4,560	33	103	5,630

Dispatch - call received to dispatched, *TurnOut* - dispatched to enroute, *Travel* - enroute to at scene, *Unit Response* - dispatched to at scene *Total Response* - call received to at scene
Goals: Dispatch - 00:01:40, TurnOut - 00:01:30, Travel - 00:07:30, Unit Response - 00:09:30, Total Response - 00:10:00

* Both Emergent and Non-Emergent



Monument Fire District Incident Count and Response Performance by Unit

Date Range: 01/01/2024 to 01/01/2025

Shift(s): A, B, C
Priority: Emergent

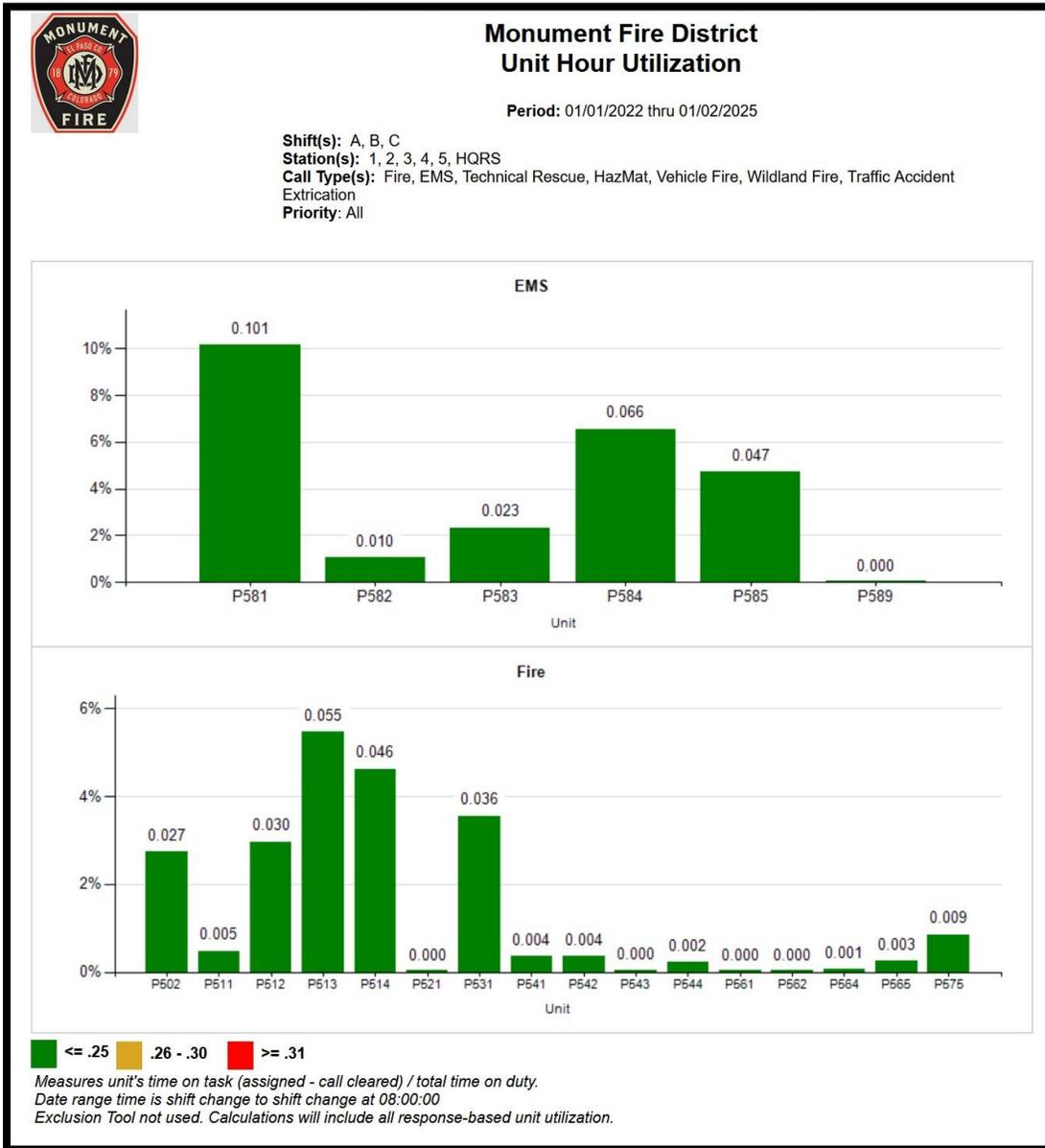
Total Incidents*				
Fire	EMS	Technical Rescue	HazMat	Total
710	2,770	6	142	3,628

Response Measures by Unit by Incident Type (Monument Fire District Units Only)																		
Station	Unit	Dispatch			TurnOut			Travel			Total Response			Number of Responses By Incident Type				
		90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	90th Percentile	% Goal Met	Avg Time	Fire	EMS	Technical Rescue	HazMat	Total
1	P581	0:02:31	75.6%	0:01:36	0:02:25	68.8%	0:01:21	0:10:46	70.4%	0:06:39	0:14:48	66.2%	0:09:36	39	845	1	1	886
	P531	0:02:32	73.3%	0:01:30	0:02:43	56.5%	0:01:32	0:10:17	79.0%	0:05:38	0:13:20	73.7%	0:08:38	190	526	1	12	729
	Station Totals	0:02:32	74.6%	0:01:33	0:02:33	63.3%	0:01:26	0:10:35	74.1%	0:06:12	0:14:08	69.4%	0:09:11	229	1371	2	13	1615
2	P512	0:02:21	74.3%	0:01:29	0:02:18	50.7%	0:01:28	0:09:57	69.9%	0:06:15	0:13:23	65.8%	0:09:11	120	387		18	525
	P542	0:22:12	33.3%	0:10:23	0:03:23	40.0%	0:01:49	0:21:45	0.0%	0:15:03	0:51:26	0.0%	0:28:17	13	2			15
	Station Totals	0:02:30	73.1%	0:01:44	0:02:21	50.4%	0:01:28	0:10:21	68.0%	0:06:29	0:13:56	64.0%	0:09:42	133	389		18	540
3	P513	0:02:25	76.0%	0:01:28	0:02:15	58.2%	0:01:24	0:09:05	80.4%	0:05:42	0:12:32	76.6%	0:08:34	201	778	2	26	1,007
	P543	0:08:57	42.9%	0:03:54	0:05:47	42.9%	0:02:32	0:14:46	40.0%	0:08:18	0:26:20	20.0%	0:15:08	7				7
	P583	0:02:34	72.7%	0:01:37	0:02:05	72.7%	0:01:09	0:10:00	76.5%	0:06:11	0:13:04	71.4%	0:08:55	23	514		1	538
	P502	0:03:16	70.5%	0:01:53	0:02:27	56.1%	0:01:26	0:11:25	71.0%	0:06:32	0:14:56	63.4%	0:09:57	203	285	3	21	512
	Station Totals	0:02:38	73.6%	0:01:37	0:02:15	61.4%	0:01:21	0:09:50	77.2%	0:06:01	0:13:21	72.2%	0:08:59	434	1577	5	48	2064
4	P514	0:02:40	73.8%	0:01:32	0:02:02	73.8%	0:01:10	0:09:26	81.3%	0:05:37	0:12:19	79.3%	0:08:16	136	584	1	20	741
	P544	0:02:38	50.0%	0:01:12	0:04:52	25.0%	0:03:10	0:19:24	33.3%	0:13:04	0:20:06	0.0%	0:16:38	4				4
	P584	0:02:41	77.2%	0:02:03	0:02:06	68.1%	0:01:17	0:10:42	77.0%	0:06:04	0:13:42	74.7%	0:09:21	17	258		1	276
	P564	0:00:00	100.0%	0:00:00	0:01:11	100.0%	0:01:11							1				1
	Station Totals	0:02:40	74.7%	0:01:40	0:02:03	72.1%	0:01:12	0:09:39	80.0%	0:05:46	0:12:53	77.8%	0:08:35	158	842	1	21	1022
5	P575	0:05:35	30.2%	0:03:39	0:02:04	78.5%	0:00:44	0:13:22	60.2%	0:07:31	0:18:05	47.4%	0:12:07	38	173	1	30	242
	P585	0:02:45	73.1%	0:01:40	0:02:22	62.7%	0:01:23	0:12:15	42.6%	0:08:17	0:15:28	38.5%	0:11:20	22	371		1	394
	P565	0:11:44	62.5%	0:04:33	0:03:56	25.0%	0:02:27	0:19:56	14.3%	0:13:46	0:30:14	0.0%	0:21:21	8				8
	Station Totals	0:04:40	56.8%	0:02:27	0:02:20	68.2%	0:01:09	0:12:40	48.3%	0:08:05	0:16:27	41.1%	0:11:44	68	544	1	31	644
HQRS	P504	0:11:20	0.0%	0:07:24	0:01:30	75.0%	0:00:33	0:34:27	25.0%	0:15:38	0:46:05	25.0%	0:23:35	2	2			4
	P503	0:06:56	0.0%	0:04:29	0:02:49	75.0%	0:00:49	0:10:49	85.7%	0:05:15	0:19:18	71.4%	0:10:47	6	2			8
	P500	0:08:25	0.0%	0:08:25	0:00:00	100.0%	0:00:00	0:23:28	0.0%	0:23:28	0:31:53	0.0%	0:31:53	1				1
	P501	0:02:30	50.0%	0:02:07	0:01:55	50.0%	0:01:19	0:19:47	50.0%	0:13:03	0:22:14	50.0%	0:16:29	1	1			2
Station Totals	0:11:01	6.7%	0:05:12	0:02:09	73.3%	0:00:45	0:22:52	57.1%	0:10:38	0:31:19	50.0%	0:16:46	10	5			15	
Other	P712	0:01:03	100.0%	0:01:03	0:01:12	100.0%	0:01:12	0:05:47	100.0%	0:05:47	0:08:02	100.0%	0:08:02			1		1
	P781	0:01:59	0.0%	0:01:59	0:02:37	0.0%	0:02:37	0:06:34	100.0%	0:06:34	0:11:10	0.0%	0:11:10		1			1
	P761	0:02:26	0.0%	0:02:14	0:04:40	0.0%	0:03:39							2				2
Station Totals	0:02:20	25.0%	0:01:52	0:04:14	25.0%	0:02:47	0:06:29	100.0%	0:06:10	0:10:51	50.0%	0:09:36	2	2			4	
Department Totals	0:02:48	72.0%	0:01:43	0:02:19	63.5%	0:01:20	0:10:32	72.9%	0:06:18	0:14:03	68.3%	0:09:20	1,034	4,730	9	131	5,904	

Dispatch - call received to dispatched, *TurnOut* - dispatched to enroute, *Travel* - enroute to at scene, *Unit Response* - dispatched to at scene *Total Response* - call received to at scene
Goals: Dispatch - 00:01:40, TurnOut - 00:01:30, Travel - 00:07:30, Unit Response - 00:09:30, Total Response - 00:10:00

* Both Emergent and Non-Emergent

Unit Hour Utilization



Annual Compliance Based on Benchmark Times



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

All Calls - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	02:02	00:58	02:05	02:01	02:01
		Rural	01:04	02:15	01:11	02:21	02:11	02:14
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	02:01	00:41	01:53	02:02	02:07
		Rural	01:20	01:55	00:35	01:56	01:51	01:57
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	08:00	04:00	08:20	07:34	08:00
		Rural	08:00	10:13	02:13	10:23	09:45	10:24
	Travel Time ERF Concentration	Urban	08:00	13:28	05:28	13:19	12:17	16:05
		Rural	10:00	14:25	04:25	13:50	14:37	14:40
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:20	09:23	03:03	09:35	08:57	09:31
				n = 7,562		n = 2,671	n = 2,586	n = 2,305
	Rural	11:00	11:32	00:32	11:54	11:11	11:32	
			n = 2,258		n = 832	n = 768	n = 658	
	Total Response Time ERF Concentration	Urban	12:40	14:43	02:03	14:36	13:53	17:25
				n = 3,692		n = 1,362	n = 1,290	n = 1,040
Rural	17:24	15:48	01:36	15:00	15:54	16:18		
		n = 1,149		n = 395	n = 401	n = 353		

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

EMS - Low - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	01:58	00:54	01:44	02:27	01:30
		Rural	01:04	01:51	00:47	01:36	01:23	03:33
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:00	02:16	01:16	02:16	02:03	02:17
		Rural	01:00	02:35	01:35	02:35	02:31	02:08
Travel Time	Travel Time 1st Unit Distribution	Urban	08:00	10:28	02:28	10:25	09:22	10:45
		Rural	08:00	12:44	04:44	14:39	11:47	11:02
	Travel Time ERF Concentration	Urban	10:00	11:08	01:08	12:16	10:25	11:06
		Rural	10:00	14:40	04:40	17:14	11:20	10:41
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:04	12:04	06:00	11:16	10:25	12:15
				n = 181		n = 52	n = 60	n = 69
	Rural	11:24	14:51	03:27	16:46	13:15	12:42	
			n = 68		n = 22	n = 26	n = 20	
	Total Response Time ERF Concentration	Urban	10:04	12:39	02:35	12:47	13:31	12:05
				n = 84		n = 20	n = 30	n = 34
Rural	12:24	15:05	02:41	18:13	11:39	11:38		
		n = 36		n = 14	n = 13	n = 9		

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

EMS - Moderate - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	02:01	00:57	02:03	02:01	01:59
		Rural	01:04	02:10	01:06	02:13	02:03	02:11
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:00	01:56	00:56	01:49	01:58	02:02
		Rural	01:00	01:49	00:49	01:48	01:46	01:52
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	07:36	03:36	08:00	07:11	07:35
		Rural	08:00	09:46	01:46	09:44	09:33	10:02
	Travel Time ERF Concentration	Urban	08:00	13:23	05:23	13:00	12:15	16:27
		Rural	10:00	14:11	04:11	13:33	14:34	14:26
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:04	08:58	02:54	09:14	08:33	09:09
				n = 5,522		n = 1,932	n = 1,903	n = 1,687
	Rural	10:04	11:04	01:00	11:01	10:59	11:23	
			n = 1,544		n = 553	n = 539	n = 452	
	Total Response Time ERF Concentration	Urban	10:04	14:42	04:38	14:29	13:50	17:41
				n = 3,449		n = 1,293	n = 1,202	n = 954
Rural	12:04	15:35	03:31	14:42	15:56	16:00		
		n = 1,042		n = 352	n = 366	n = 324		

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

EMS - High - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	01:44	00:40	02:00	01:35	01:41
		Rural	01:04	01:56	00:52	01:52	01:33	02:04
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:00	01:39	00:39	01:25	01:39	01:46
		Rural	01:00	01:46	00:46	01:51	01:36	01:44
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	06:58	02:58	07:12	06:39	06:15
		Rural	08:00	07:34	00:26	07:31	07:28	07:29
	Travel Time ERF Concentration	Urban	08:00	15:12	07:12	15:57	14:17	13:42
		Rural	10:00	15:53	05:53	13:55	11:56	21:20
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:04	07:52	01:48	08:13	08:06	07:25
				n = 138		n = 37	n = 47	n = 54
	Rural	10:04	09:14	00:50	08:59	08:42	09:12	
			n = 43		n = 14	n = 11	n = 18	
	Total Response Time ERF Concentration	Urban	10:04	16:40	06:36	17:01	15:06	14:12
				n = 94		n = 21	n = 38	n = 35
Rural	12:04	16:39	04:35	14:39	12:48	22:14		
		n = 28		n = 11	n = 8	n = 9		

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Fire - Low - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	02:55	01:51	02:51	02:22	03:04
		Rural	01:04	03:44	02:40	03:44	03:11	03:35
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	02:09	00:49	02:11	02:03	02:14
		Rural	01:20	01:57	00:37	01:47	02:12	01:56
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	08:12	04:12	08:05	09:35	07:16
		Rural	08:00	12:00	04:00	14:49	09:50	10:18
	Travel Time ERF Concentration	Urban	08:00	14:55	06:55	15:26	11:46	N/A
		Rural	10:00	00:00	10:00	N/A	N/A	N/A
Total Response Time	Total Response Time 1st Unit Distribution	Urban	10:04	09:17	00:47	08:35	10:44	08:27
				n = 81		n = 29	n = 30	n = 22
	Rural	10:04	12:33	02:29	16:07	11:04	11:31	
			n = 60		n = 20	n = 21	n = 19	
	Total Response Time ERF Concentration	Urban	12:04	16:09	04:05	17:22	13:16	N/A
				n = 18		n = 10	n = 8	n = 0
Rural	12:04	00:00	12:04	N/A	N/A	N/A		
			n =		n = 0	n = 0	n = 0	

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Fire - Moderate - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	02:35	01:31	02:36	02:30	01:41
		Rural	01:04	02:26	01:22	02:14	02:26	01:24
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	01:34	00:14	01:59	01:17	01:05
		Rural	01:20	01:32	00:12	01:31	01:45	00:52
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	07:53	03:53	08:50	06:40	06:26
		Rural	08:00	12:37	04:37	07:17	13:57	12:37
	Travel Time ERF Concentration	Urban	08:00	25:24	17:24	15:42	21:50	25:56
		Rural	10:00	00:00	10:00	N/A	N/A	N/A
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:24	08:59	02:35	09:37	08:03	07:22
				n = 29		n = 13	n = 8	n = 8
	Rural	10:24	13:28	03:04	08:48	15:43	13:28	
			n = 14		n = 7	n = 3	n = 4	
	Total Response Time ERF Concentration	Urban	10:24	27:03	16:39	17:37	23:32	27:23
				n = 7		n = 2	n = 4	n = 1
Rural	12:24	00:00	12:24	N/A	N/A	N/A		
			n =		n = 0	n = 0	n = 0	

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Fire - High - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	02:01	00:57	01:15	01:16	02:09
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	01:15	00:05	00:11	01:15	01:04
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	04:59	00:59	05:15	04:28	03:48
	Travel Time ERF Concentration	Urban	10:10	00:00	10:10	N/A	N/A	N/A
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:24	05:43	00:41	05:26	05:44	04:53
	Total Response Time ERF Concentration	Urban	12:40	00:00	12:40	N/A	N/A	N/A
				n = 6		n = 1	n = 3	n = 2
				n =		n = 0	n = 0	n = 0

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Wildland Fire - Low - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	03:14	02:10	03:46	02:26	03:10
		Rural	01:04	03:33	02:29	02:06	03:46	03:25
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	02:01	00:41	01:56	01:59	02:05
		Rural	01:20	02:16	00:56	01:49	01:49	02:26
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	10:11	06:11	09:16	12:16	08:28
		Rural	08:40	10:49	02:09	07:00	10:33	10:32
	Travel Time ERF Concentration	Urban	08:00	10:57	02:57	11:00	10:39	09:36
		Rural	10:00	23:21	13:21	09:08	12:46	32:25
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:24	11:08	04:44	10:59	13:17	09:42
				n = 51		n = 17	n = 11	n = 23
	Rural	09:04	11:39	02:35	08:34	12:21	11:29	
			n = 21		n = 6	n = 3	n = 12	
	Total Response Time ERF Concentration	Urban	10:24	12:58	02:34	13:00	11:53	11:25
				n = 18		n = 7	n = 2	n = 9
Rural	12:24	25:08	12:44	10:59	15:13	34:42		
		n = 7		n = 2	n = 2	n = 3		

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Wildland Fire - Moderate - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	02:17	01:13	01:54	02:31	02:17
		Rural	01:04	02:16	01:12	04:53	02:15	01:52
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	01:59	00:39	01:58	01:25	02:13
		Rural	01:20	01:58	00:38	02:08	02:28	01:31
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	07:18	03:18	06:58	07:15	07:11
		Rural	08:40	13:13	04:33	12:43	11:30	11:20
	Travel Time ERF Concentration	Urban	08:00	09:48	01:48	05:00	09:55	09:14
		Rural	10:00	25:31	15:31	17:37	N/A	25:49
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:24	08:47	02:23	08:25	08:31	08:47
				<i>n = 28</i>		<i>n = 10</i>	<i>n = 9</i>	<i>n = 9</i>
	Rural	09:04	15:00	05:56	14:54	12:42	12:36	
			<i>n = 24</i>		<i>n = 7</i>	<i>n = 5</i>	<i>n = 12</i>	
	Total Response Time ERF Concentration	Urban	10:24	11:41	01:17	06:52	12:08	10:32
				<i>n = 6</i>		<i>n = 1</i>	<i>n = 4</i>	<i>n = 1</i>
Rural	12:24	25:32	13:08	24:03	N/A	25:47		
			<i>n = 7</i>		<i>n = 3</i>	<i>n = 0</i>	<i>n = 4</i>	

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Wildland Fire - High - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Rural	01:04	01:18	00:14	N/A	01:17	00:50
Turnout Time	Turnout Time 1st Unit Distribution	Rural	01:20	01:49	00:29	N/A	01:44	01:30
Travel Time	Travel Time 1st Unit Distribution	Rural	08:40	09:38	00:58	N/A	08:35	09:53
	Travel Time ERF Concentration	Rural	15:00	00:00	15:00	N/A	N/A	N/A
Total Response Time	Total Response Time 1st Unit Distribution	Rural	09:04	11:13	02:09	N/A	10:19	11:23
				<i>n = 3</i>		<i>n = 0</i>	<i>n = 2</i>	<i>n = 1</i>
	Total Response Time ERF Concentration	Rural	17:24	00:00	17:24	N/A	N/A	N/A
			<i>n =</i>		<i>n = 0</i>	<i>n = 0</i>	<i>n = 0</i>	

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Technical Rescue - Low - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	00:00	01:04	03:29	N/A	N/A
		Rural	01:04	00:00	01:04	01:58	N/A	N/A
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	00:00	01:20	01:11	N/A	N/A
		Rural	01:20	00:00	01:20	01:03	N/A	N/A
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	00:00	04:00	04:00	N/A	N/A
		Rural	08:40	00:00	08:40	04:19	N/A	N/A
	Travel Time ERF Concentration	Urban	08:00	00:00	08:00	N/A	N/A	N/A
		Rural	15:00	00:00	15:00	N/A	N/A	N/A
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:24	00:00	06:24	05:11	N/A	N/A
		Rural	11:04	00:00	11:04	05:22	N/A	N/A
	Total Response Time ERF Concentration	Urban	12:40	00:00	12:40	N/A	N/A	N/A
		Rural	17:24	00:00	17:24	N/A	N/A	N/A

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

Technical Rescue - High - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	01:44	00:40	00:56	01:47	00:47
		Rural	01:04	00:00	01:04	01:58	N/A	N/A
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	01:13	00:07	00:41	01:26	00:50
		Rural	01:20	00:00	01:20	01:03	N/A	N/A
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	07:26	03:26	03:57	08:38	04:16
		Rural	08:40	00:00	08:40	04:19	N/A	N/A
	Travel Time ERF Concentration	Urban	10:10	00:00	10:10	N/A	N/A	N/A
		Rural	15:00	00:00	15:00	N/A	N/A	N/A
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:24	08:15	01:51	04:38	09:25	04:56
		Rural	11:04	00:00	11:04	05:22	N/A	N/A
	Total Response Time ERF Concentration	Urban	12:40	00:00	12:40	N/A	N/A	N/A
		Rural	17:24	00:00	17:24	N/A	N/A	N/A

*Call classification based on CAD incident types



Monument Fire District Annual Compliance Report

Criteria: 01/01/2022 to 12/31/2024

HazMat - High - 90th Percentile			Benchmark	2022 - 2024	Gap	2024	2023	2022
Alarm Handling	Pick-up to Dispatch	Urban	01:04	02:18	01:14	02:50	02:02	02:02
		Rural	01:04	10:44	09:40	14:15	02:32	03:11
Turnout Time	Turnout Time 1st Unit Distribution	Urban	01:20	02:02	00:42	02:02	02:05	01:41
		Rural	01:20	01:55	00:35	01:46	01:54	02:08
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	09:29	05:29	09:33	09:29	09:06
		Rural	08:40	11:34	02:54	11:50	07:44	07:34
	Travel Time ERF Concentration	Urban	10:10	16:40	06:30	16:48	N/A	15:30
		Rural	15:00	00:00	15:00	N/A	N/A	N/A
Total Response Time	Total Response Time 1st Unit Distribution	Urban	06:24	10:25	04:01	10:42	09:55	09:19
				n = 191		n = 90	n = 51	n = 50
	Rural		11:04	12:25	01:21	13:18	09:12	09:07
				n = 74		n = 48	n = 15	n = 11
	Total Response Time ERF Concentration	Urban	12:40	17:54	05:14	18:03	N/A	16:38
				n = 2		n = 1	n = 0	n = 1
Rural	17:24	00:00	17:24	N/A	N/A	N/A		
		n =		n = 0	n = 0	n = 0		

*Call classification based on CAD incident types

Fire District Demand



Monument Fire District Demand by Hour of Day and Day of Week

Date Range: 01/01/2022 to 01/02/2023
 Station(s): 1, 2, 3, 4, 5, HQRS Shift(s): A, B, C
 Call Classification(s): Fire, EMS, Technical Rescue, HazMat, Vehicle Fire, Wildland Fire, Traffic
 Accident Extrication
 Priority: All

Counts

Incidents

DOW	Hour of Day																							Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Sunday	8	12	10	8	7	13	15	14	21	21	25	30	23	30	33	17	26	32	21	37	20	9	16	17	465
Monday	9	5	7	7	18	5	7	14	19	29	34	27	31	28	27	38	20	27	24	15	20	19	16	12	458
Tuesday	11	10	11	4	6	9	10	15	19	31	22	28	29	34	21	34	31	23	27	21	24	17	19	12	468
Wednesday	6	3	11	7	7	6	13	26	19	22	19	33	26	24	31	27	19	22	29	25	27	17	18	8	445
Thursday	10	7	10	5	13	12	15	15	27	20	26	23	24	23	21	30	20	26	24	23	26	19	14	11	444
Friday	10	10	7	8	7	5	9	25	31	18	34	20	43	28	27	24	25	22	38	24	23	19	29	15	501
Saturday	11	6	6	12	5	8	15	15	17	22	22	25	32	32	24	27	39	30	18	28	16	27	15	8	460
Total	65	53	62	51	63	58	84	124	153	163	182	186	208	199	184	197	180	182	181	173	156	127	127	83	3,241

Responses

DOW	Hour of Day																							Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Sunday	17	29	24	20	14	19	33	26	39	39	48	66	53	59	67	38	57	64	43	76	36	14	32	31	944
Monday	17	10	12	14	29	9	14	27	32	51	58	44	65	52	46	73	48	48	59	32	43	37	33	19	872
Tuesday	21	14	15	7	12	15	18	35	36	68	47	52	57	73	50	68	66	45	53	37	63	38	39	23	952
Wednesday	12	5	17	15	10	11	24	43	37	39	35	58	61	51	66	56	37	42	62	44	56	30	36	18	865
Thursday	22	15	20	8	27	23	31	26	48	40	53	49	57	59	50	59	40	61	48	56	51	45	28	19	935
Friday	21	20	14	14	14	9	17	44	63	42	63	33	84	52	63	49	55	43	69	45	39	39	62	34	988
Saturday	24	13	10	25	12	16	27	29	38	40	50	50	58	62	48	56	77	66	28	59	29	59	30	13	919
Total	134	106	112	103	118	102	164	230	293	319	354	352	435	408	390	399	380	369	362	349	317	262	260	157	6,475

Heat map report showing count of responses and incidents by hour of day and day of week.



Monument Fire District Demand by Hour of Day and Day of Week

Date Range: 01/01/2023 to 01/02/2024
 Station(s): 1, 2, 3, 4, 5, HQRS Shift(s): A, B, C
 Call Classification(s): Fire, EMS, Technical Rescue, HazMat, Vehicle Fire, Wildland Fire, Traffic
 Accident Extrication
 Priority: All

Counts

Incidents

DOW	Hour of Day																							Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Sunday	8	10	8	8	9	8	18	22	20	25	25	17	22	27	23	28	20	36	29	31	22	18	22	14	468
Monday	17	8	7	5	5	10	5	20	38	36	21	29	34	35	25	34	21	34	24	23	23	11	16	5	486
Tuesday	5	3	11	8	14	12	16	16	18	24	32	35	22	28	30	25	31	23	31	18	22	17	11	483	
Wednesday	15	6	4	9	9	9	14	19	23	22	24	26	32	22	26	34	32	28	30	30	26	26	11	9	486
Thursday	20	6	11	3	10	9	12	24	27	34	46	24	30	31	39	28	24	32	24	29	26	16	18	7	530
Friday	9	12	8	11	10	9	9	19	20	19	27	25	23	26	18	36	36	31	39	24	25	21	19	11	487
Saturday	17	15	9	9	9	7	13	24	21	21	22	29	32	31	21	33	27	26	32	26	21	26	18	20	509
Total	91	60	58	53	66	62	87	144	167	181	197	185	195	200	182	218	191	210	209	194	161	140	121	77	3,449

Responses

DOW	Hour of Day																							Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Sunday	14	24	12	16	23	12	34	44	48	54	57	33	43	59	45	54	40	87	59	62	40	38	48	30	976
Monday	37	15	18	14	9	20	12	41	79	75	47	59	70	69	59	76	46	74	58	52	43	24	31	10	1,038
Tuesday	12	6	29	14	25	25	39	36	37	50	62	73	44	66	70	53	61	48	77	61	37	51	34	21	1,031
Wednesday	31	11	8	24	21	17	27	46	48	44	54	51	75	47	48	75	81	73	68	60	54	67	19	19	1,068
Thursday	42	12	22	5	18	23	31	57	49	78	94	59	66	67	83	65	46	67	48	63	55	39	41	18	1,148
Friday	18	25	17	18	24	18	18	38	41	33	57	50	52	48	36	80	77	61	78	55	52	49	47	20	1,012
Saturday	33	27	20	18	16	12	27	48	46	42	41	58	65	64	43	73	56	61	76	56	32	48	39	46	1,047
Total	187	120	126	109	136	127	188	310	348	376	412	383	415	420	384	476	407	471	464	409	313	316	259	164	7,320

Heat map report showing count of responses and incidents by hour of day and day of week.



Monument Fire District Demand by Hour of Day and Day of Week

Date Range: 01/01/2024 to 01/02/2025
 Station(s): 1, 2, 3, 4, 5, HQRS Shift(s): A, B, C
 Call Classification(s): Fire, EMS, Technical Rescue, HazMat, Vehicle Fire, Wildland Fire, Traffic
 Accident Extrication
 Priority: All

Counts

Incidents

DOW	Hour of Day																							Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Sunday	17	2	12	3	8	11	15	26	30	24	27	32	42	32	38	40	39	26	34	29	25	17	12	12	553
Monday	5	8	10	6	9	10	10	24	36	34	30	28	31	37	31	28	28	31	35	31	25	19	16	8	530
Tuesday	10	11	10	10	7	13	14	15	25	33	28	25	37	24	38	21	38	26	29	35	22	17	23	9	520
Wednesday	15	8	6	8	9	12	12	20	13	31	35	37	28	19	27	32	27	31	23	25	23	33	14	9	497
Thursday	7	6	9	6	12	16	8	14	19	20	21	39	37	28	27	24	28	31	29	28	34	13	15	13	484
Friday	12	8	17	8	7	8	14	24	27	28	21	34	25	25	34	29	27	25	43	27	30	22	17	14	526
Saturday	12	10	5	4	10	7	18	15	36	32	39	31	28	20	25	29	31	33	22	23	31	16	26	14	517
Total	78	53	69	45	62	77	91	138	186	202	201	226	228	185	220	203	218	203	215	198	190	137	123	79	3,627

Responses

DOW	Hour of Day																							Total	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23
Sunday	35	5	30	5	19	20	29	53	57	48	49	69	73	60	71	80	89	55	87	62	48	33	25	27	1,129
Monday	9	14	24	14	19	20	19	46	71	70	68	63	70	84	71	64	77	72	71	78	47	46	41	11	1,169
Tuesday	20	22	19	19	14	31	29	35	48	72	55	51	81	51	81	42	77	57	62	81	43	34	50	18	1,092
Wednesday	30	13	10	16	22	28	25	47	25	66	69	82	57	41	59	71	65	72	50	55	40	72	26	18	1,059
Thursday	12	11	22	11	28	35	19	33	44	43	49	74	83	69	64	61	66	75	64	64	74	29	30	26	1,086
Friday	22	18	38	20	18	18	38	61	65	67	42	74	54	48	78	63	52	63	81	62	54	49	41	32	1,158
Saturday	35	20	8	10	23	13	43	27	83	69	95	70	64	41	62	53	62	76	49	52	70	35	51	30	1,141
Total	163	103	151	95	143	165	202	302	393	435	427	483	482	394	486	434	488	470	464	454	376	298	264	162	7,834

Heat map report showing count of responses and incidents by hour of day and day of week.



Monument Fire District Station Reliability- First Due

Date Range: 01/01/2022 to 01/02/2025

Shift(s): A, B, C

Call Type(s): Fire, EMS, Technical Rescue, HazMat, Vehicle Fire, Wildland Fire, Traffic Accident
Extrication

1st Arriving Unit's Station	Station Area									
	1/3		2		4		5		None	
	Inc	%	Inc	%	Inc	%	Inc	%	Inc	%
1/3	4,098	90.95%	162	15.99%	855	23.15%	30	8.62%	240	42.78%
2	173	3.84%	734	72.46%	240	6.50%	83	23.85%	91	16.22%
4	167	3.71%	9	0.89%	2,507	67.89%	51	14.66%	62	11.05%
5	62	1.38%	108	10.66%	84	2.27%	179	51.44%	164	29.23%
HQRS	6	0.13%			7	0.19%	5	1.44%	4	0.71%

District Risk Assessment

The area is prone to various natural and man-made disasters that pose risks to the community. The following risk assessment analyzes the potential risks of wildfire, flood, severe weather, human-caused, and geologic events for the Monument Fire District. The district participates in the *Pikes Peak Regional Multi-Hazard Mitigation Plan 2020* (HMP). The plan includes unincorporated El Paso County and the jurisdictions of Colorado Springs, Calhan, Fountain, Green Mountain Falls, Manitou Springs, Monument, Palmer Lake, and Ramah.

Hazard Category	Hazard Impacts
Flood	Flood, Mud or Debris Flow, Dam Failure
Severe Weather	Hail, Drought & Extreme Heat, Lightning, Tornado, Wind, Winter Storm
Avalanche	Avalanche
Geologic	Earthquake, Subsidence & Sinkholes, Landfall or Rockfall
Wildfire	Wildfire
Human-caused	Hazardous Materials, Extreme Acts of Violence, Cyber Attack, Pandemic, Major Aircraft Incident

Hazard Ranking

For the HMP a holistic hazard ranking methodology was developed and utilized to evaluate the degree of risk for all identified hazards in the planning area. It utilizes numerical values that allow identified hazards to be ranked against one another; the higher the relative risk factor calculated, the greater the hazard risk.

Figure 24 summarizes the categories, benchmark values, and weights used to calculate the risk factor for each hazard. The relative hazard risk score was calculated for each hazard using the

following formula. Using the weighting applied, the highest possible risk factor value is 4. The higher the number, the greater the relative risk.

A collaborative process was used to determine the relative importance of probability of occurrence, magnitude/severity, spatial extent, warning time, and environmental damage.

$$\text{Relative Risk} = [(probability \times 0.25) + (Magnitude/Severity \times 0.25) + (Spatial Extent \times 0.18) + (Warning Time \times 0.18) + (Environmental Damage \times 0.41)]$$

Category		Level	Degree of Risk	Numeric Value
Probability of Occurrence What is the likelihood of a hazard event occurring in a given year? (weighted average of sub-categories)	Historic Precedence (80% weight)	Unlikely	Less than 1% Annual Probability	1
		Occasional	Between 1% and 24% Annual Probability	2
		Likely	Between 25% and 75% Annual Probability	3
		Highly Likely	Greater than 75% Annual Probability	4
	Exacerbated by Other Conditions (10% weight)	Unlikely	No	1
		Occasional	Small/Uncertain Effects	2
		Likely	Likely Effects	3
		Highly Likely	Certain Effects	4
	Exacerbated by Climate Change (10% weight)	Unlikely	No	1
		Occasional	Small/Uncertain Effects	2
		Likely	Likely Effects	3
		Highly Likely	Certain Effects	4
Magnitude/Severity In terms of injuries, damage, or death, would you anticipate impacts to be minor, limited, critical, or catastrophic when a significant hazard event occurs? (average of all 3)	Population Potential for measurable life safety impacts (displacement, injuries, fatalities)	Minor	No anticipated displacement or injuries; minimal disruption on quality of life.	1
		Limited	Minor injuries and illness	2
		Critical	Isolated deaths and/or multiple injuries and illness.	3
		Catastrophic	Multiple deaths/injuries	4
	Property Loss (count & value)	Minor	Little or no property damage	1
		Limited	Minimal property damage that does not threaten structural stability	2
		Critical	Major or long-term property damage that threatens structural stability	3
		Catastrophic	Property destroyed and severely damaged	4

Category		Level	Degree of Risk	Numeric Value
	Critical Facilities & Infrastructure	Minor	No or brief interruption of essential facilities and services	1
		Limited	Interruption of essential facilities and services for less than 24 hours	2
		Critical	Interruption of essential facilities and services for 24-72 hours	3
		Catastrophic	Interruption of essential facilities and services for more than 72 hours	4
Spatial Extent How large of an area could be impacted by this hazard event? Are impacts localized or regional?		Negligible	Less than 1% of area affected	1
		Limited	Between 1% and 25% of area affected	2
		Moderate	Between 25% and 50% of area affected	3
		Significant	Greater than 50% of area affected	4
Warning time Is there usually some lead time associated with the hazard event? Have warning measures been implemented?		Maximum	Warning time is more than 24 hours	1
		Significant	Warning time is 12 to 24 hours	2
		Moderate	Warning time is 6 to 12 hours	3
		Minimal	Warning time is less than 6 hours	4
Environmental Damage The negative consequences of a hazard on the environment, including soil, water, air, and/or plants and animals.		None	Not likely to result in environmental damage	1
		Minor	Could cause localized and reversible damage. Quick clean up possible	2
		Moderate	Could cause major but reversible damage. Full clean up difficult	3
		Severe	Could cause irreversible environmental damage. Full clean up not possible.	4

FIGURE 30 SUMMARY OF HAZARD RANKING APPROACH AND ASSOCIATED CRITERIA

District Hazard Rating	
Aircraft Incident	Moderate
Avalanche	Negligible
Cyber-Attack	Moderate
Dam/Levee Failure	Moderate
Drought & Extreme Heat	Moderate
Earthquake	Moderate
Extreme Acts of Violence	Low
Flood	Moderate
Hail	Moderate
Hazmat	High
Landfall/Rockfall	Low
Lighting	Moderate
Mud or Debris	Low
Pandemic/Epidemic	Moderate
Subsidence & Sinkholes	Negligible
Tornado	Low

Wind	Moderate
Wildfire	High
Winter Storm	Moderate

Flooding Risk

The following illustrates the district's area within the National Flood Hazard area, which has a 1% annual change in flooding. There are currently 79 structures within these areas.

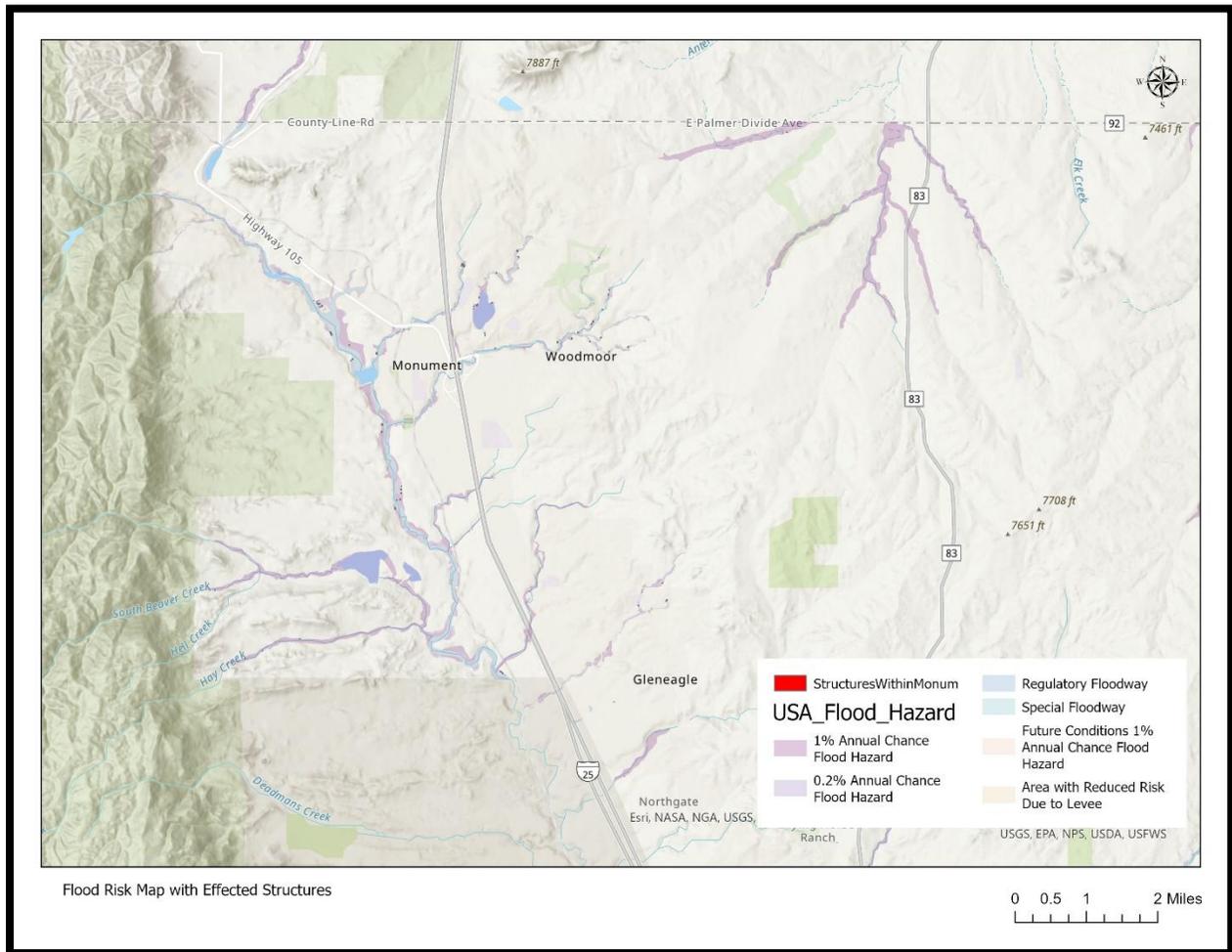


FIGURE 31 FLOOD RISK MAP

Wildfire Risk

Per the 2022 Colorado Wildfire Risk Assessment Summary Report, 94 percent of the district is within the Wildland Urban Interface (WUI), posing a moderate to high risk of a significant wildland event during high fire danger alerts. (Figure 25) shows the area with the heaviest Ponderosa Pine canopy, this area's risk of an uncontrollable fire is the highest. 51% of the district has a water delivery system. It is estimated that 38,600 of the district residents reside within the WUI. There are 8,187 residential structures within these areas. The fuel type is a Ponderosa Pine canopy with a Gamble Oak and grass mix understory. The region, specifically El-Paso County, has had several historic wildland fires. The Berry Fire (1989) was on the western border of the fire district. It burned several thousand Ponderosa Pine forested acres; luckily, no developed areas were within its path. The Hayman Fire burned just west of the fire district in June of 2002, destroying over 133 homes and burning 138,114 acres. The Waldo Canyon Fire burned just southwest of the district in June 2012. It burned 18,247 acres and destroyed 346 homes, killing 2 people. The Black Forest Fire was a year later, in June 2013, and burned 14,280 acres, destroyed 509 homes, and killed 2 people. All these fires were in proximity to the fire district. The Berry and Black Forest Fire burned within the western and eastern border of the fire district. The district has developed wildfire operational plans for the whole district. (a sample has been provided in the appendix)

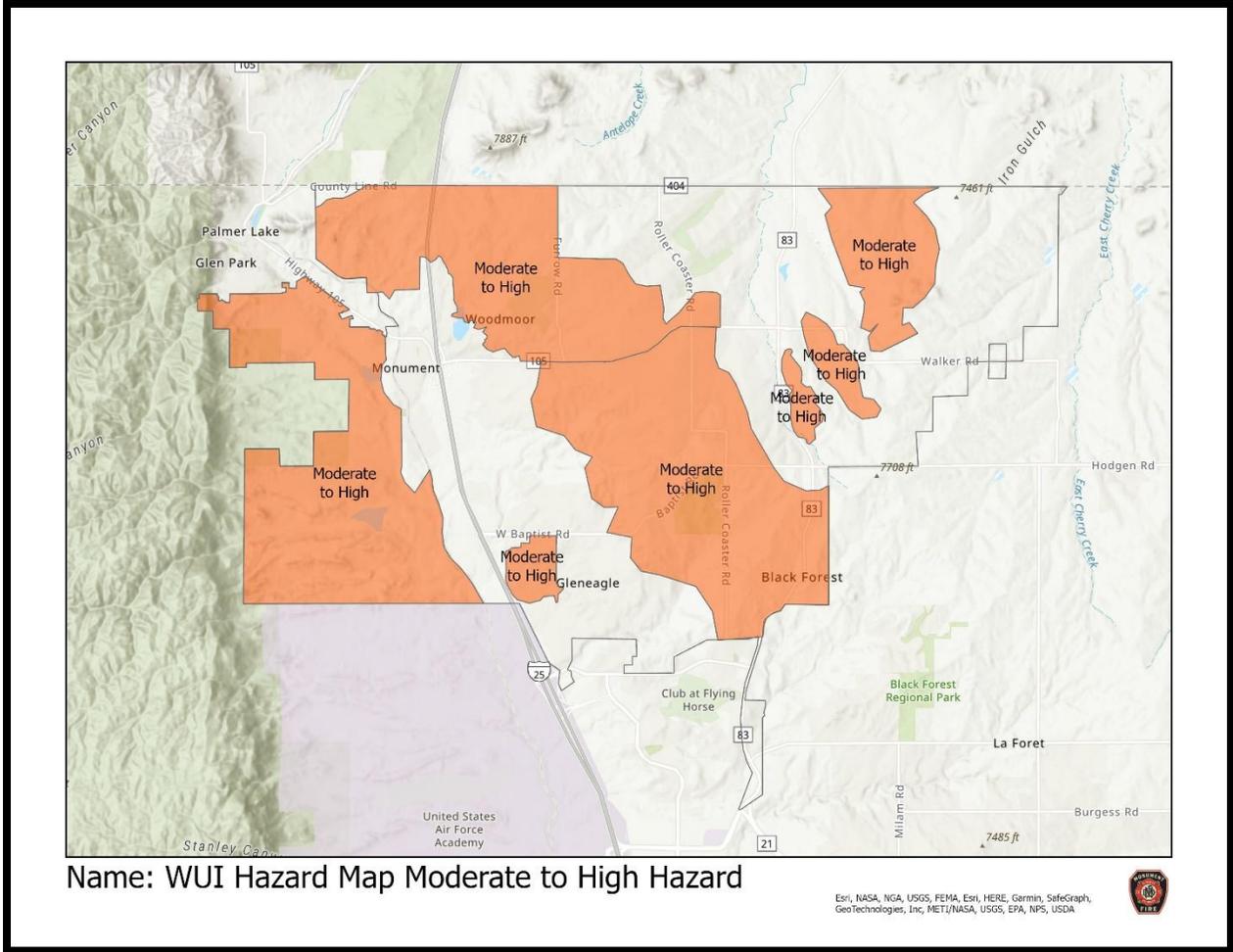


FIGURE 32 WILDLAND URBAN INTERFACE RISK MAP

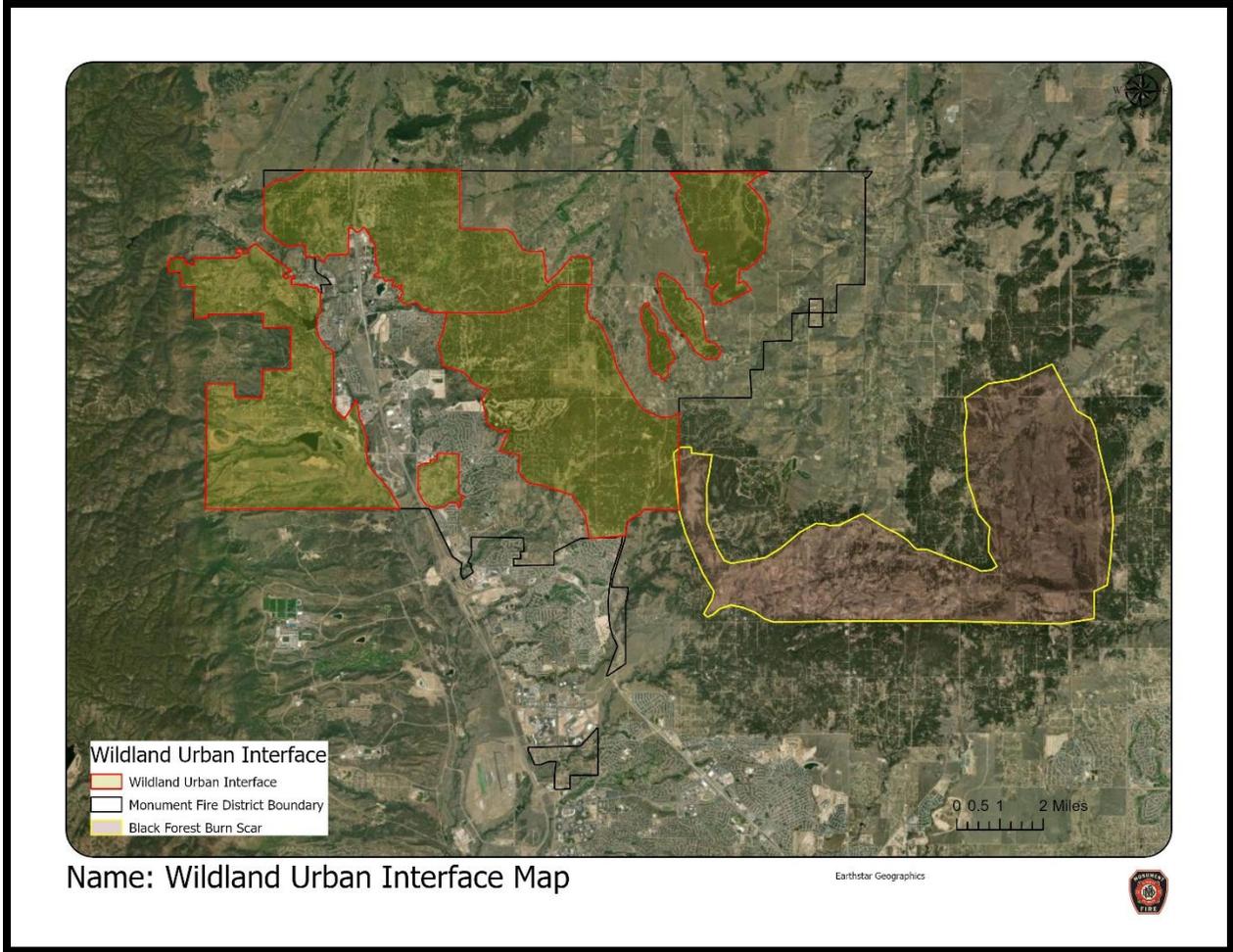


FIGURE 33 MONUMENT FIRE DISTRICT URBAN INTERFACE AREA MAP

Hazardous Materials

The district responds to 4.5 miles of the BNSF railroad carrying multiple hazardous materials. The district maintains a commodity list and works with BNSF to update the list on an annual basis. The district has responded to (blank) rail incidents between 2021 and 2023. The values threatened to the community and environment are 264 moderate to high-hazard buildings, 2.5 miles of Interstate I-25, Downtown Monument, Donala Water and Sanitation Waste Water Plant, Monument Creek, and Monument Lake. A total population of 4,189 (Figure 35, Figure 36, Figure 37) would be affected. There are also 29 miles of major roadways where a hazardous material incident can occur.

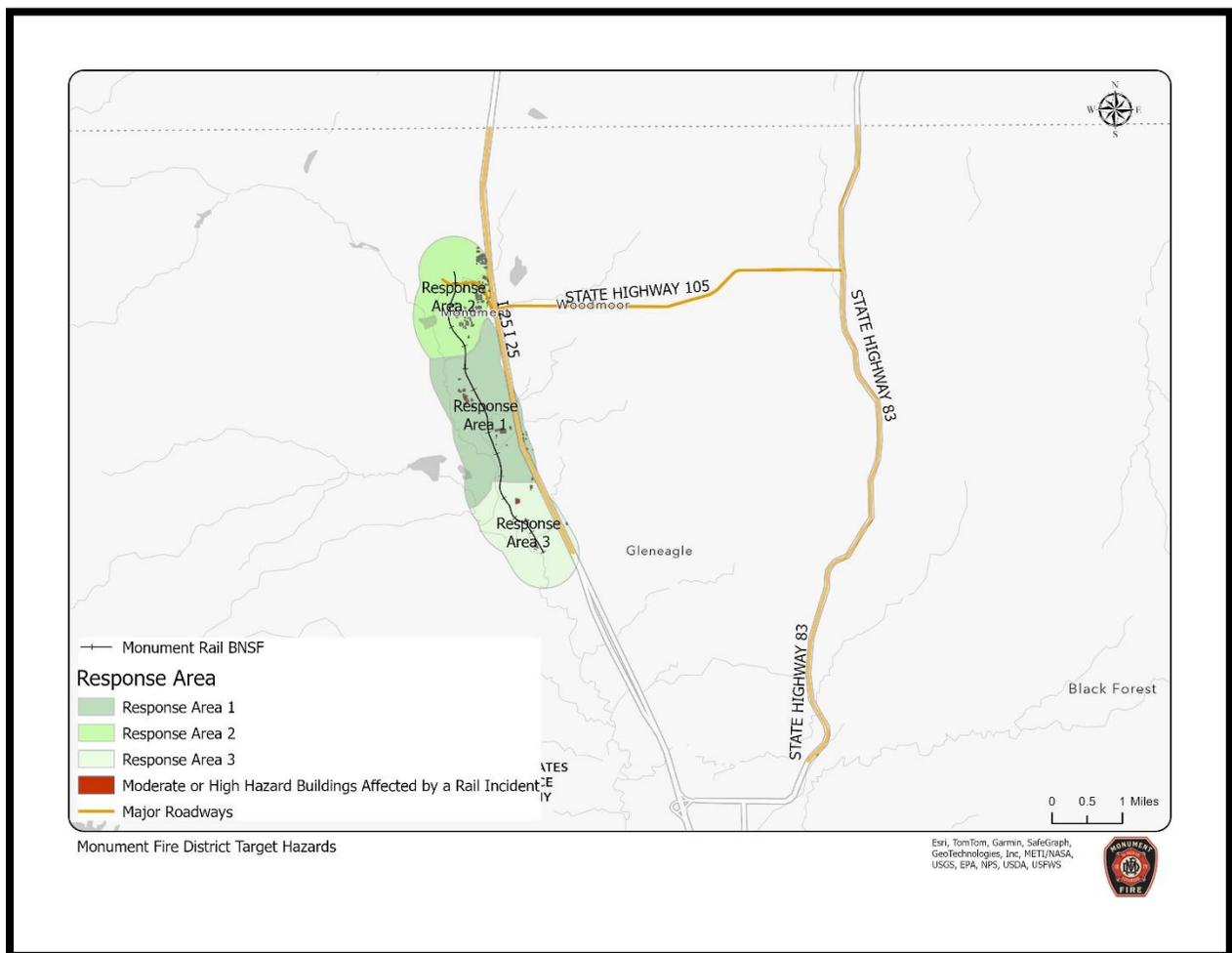


FIGURE 34



FIGURE 35



FIGURE 36



FIGURE 37

Tornado Risk

The Monument Fire District is at moderate risk of tornadoes, with the potential for severe storms to develop during the spring and summer months. Douglas county just north of the district has experienced several tornadoes in the past, with some causing significant damage to homes and businesses. The risk of tornadoes is heightened during the late afternoon and early evening hours.

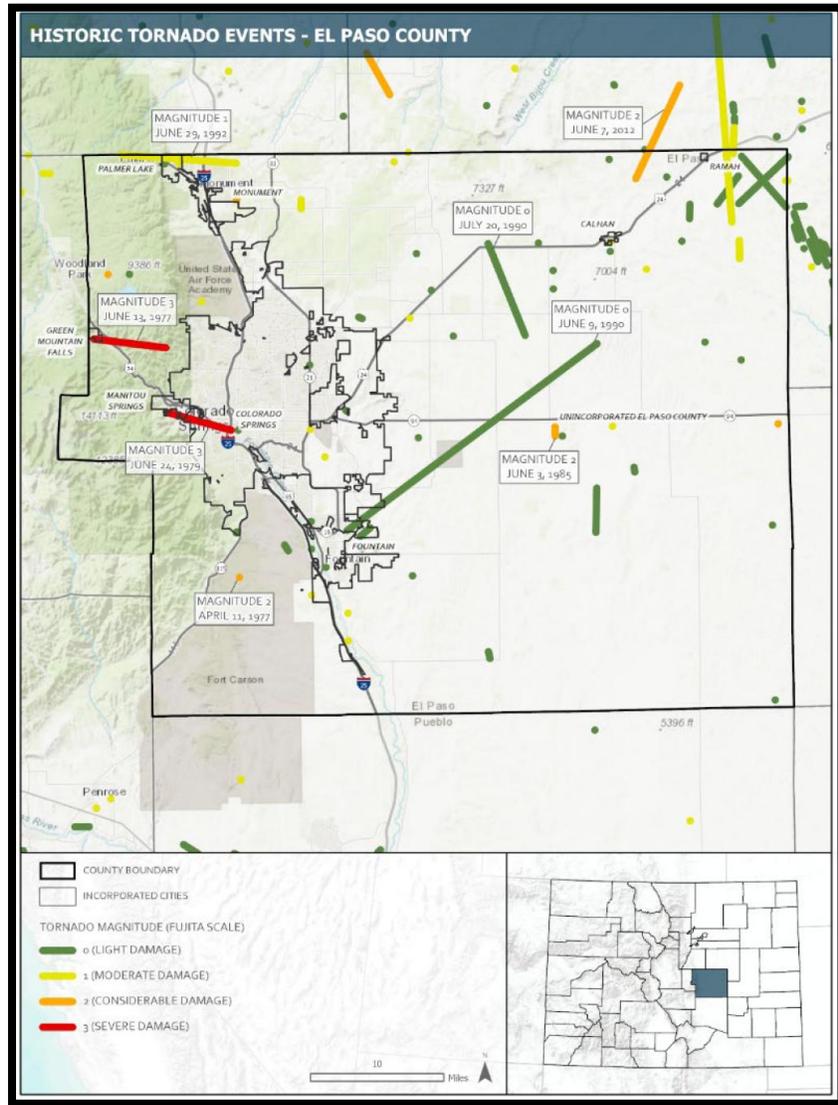


FIGURE 38 HISTORIC TORNADO EVENTS

Human-Caused Risk

The risk of mass shootings is relatively low in the Monument Fire District, with no significant incidents reported in recent years. However, given the rise in mass shootings across the country, it is still a potential risk to the community. The district has several schools, churches, and public spaces that could be targeted for mass shootings. The district has a response plan for these types of incidents and trains annually with regional partners by hosting or participating in various exercises.

Severe Thunderstorm Risk:

The Monument Fire District is also at risk of severe thunderstorms, with the potential for high winds, hail, and lightning strikes. The risk of severe thunderstorms is highest during the spring and summer months, with storms often developing in the late afternoon and early evening hours. The risk of power outages and damage to homes and businesses is high during severe thunderstorms.

Winter Storm Risk:

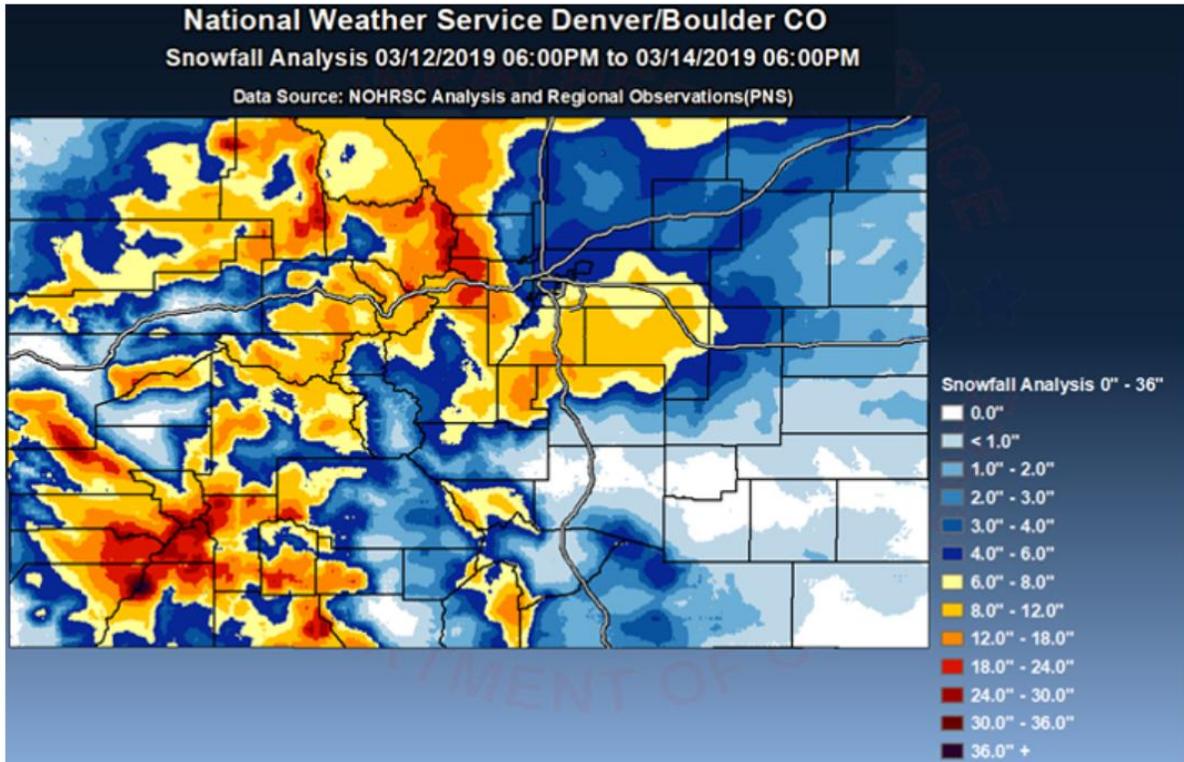
The district traditionally has one to two severe winter storms, including several feet of snow and blizzard-type conditions. The following is a recap of the 2019 Bomb Cyclone storm.

Understanding that this was one of the worst storms in recent history, these conditions are expected in a winter-type event within the district. The National Weather Service provided the following information.

The Bomb Cyclone occurred on March 13, 2019. The extremely powerful storm created widespread blizzard conditions with winds up to 100 mph. 1 to 3 feet of snow fell across the area.

- 1,400 flights cancelled.
- All major highways and Interstates were closed.
- 1,500 people were stranded in Northern El-Paso County.
- Trees and power poles were blown down. At one point, 445,000 customers were without power.

Total Snowfall



Abandoned Cars on Woodmen Road in El Paso County (Courtesy of KOAA)



Water Rescue Risk

The district currently has 42 bodies of water within its boundaries. Three are large enough with appropriate access to be utilized for recreation by residents: Forest Lake (58 acres), Monument Lake (29 acres), and Woodmoor Lake (27 acres). District residents utilize these lakes for activities such as fishing in small non-motorized boats, paddleboards, and canoes.

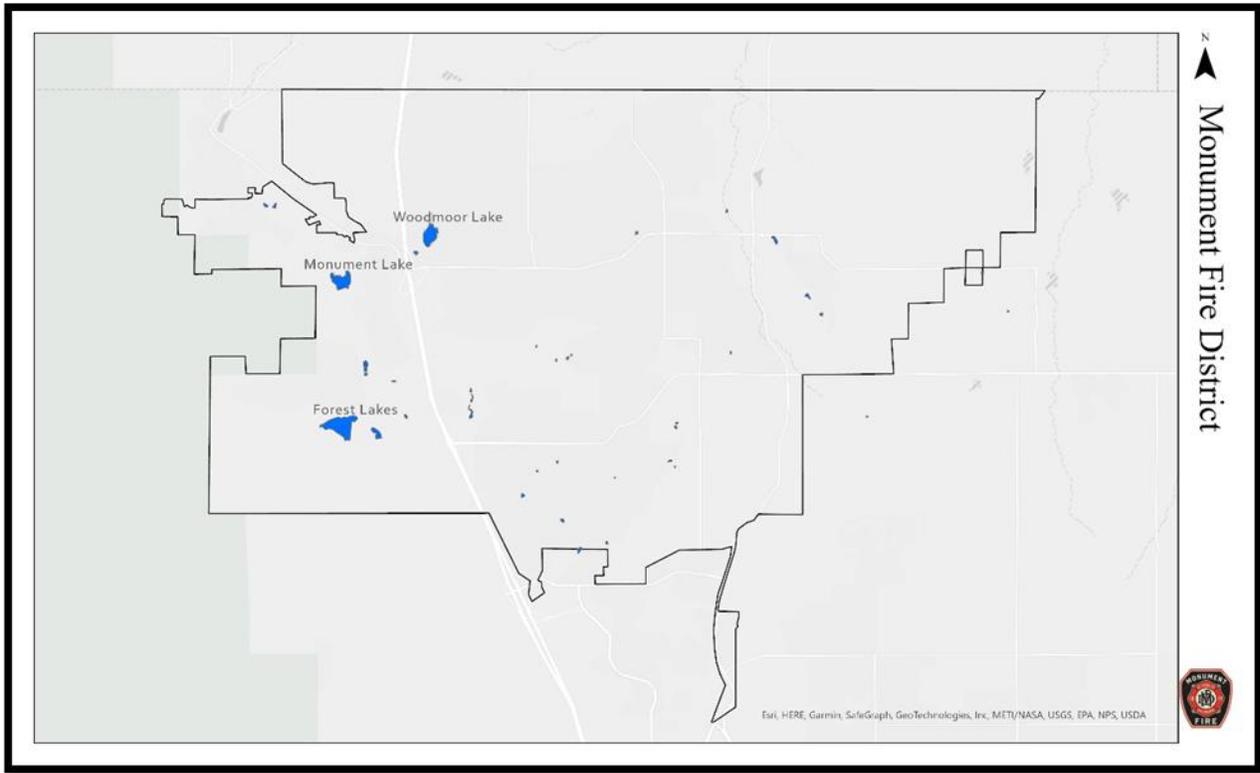


FIGURE 39 MONUMENT FIRE DISTRICT LAKES

Critical Infrastructure, Target (Maximum) Hazard, High, Moderate, Low Methodology

Critical Facilities

- Hospitals and medical facilities include ambulance service centers, urgent care centers with emergency treatment functions, and non-ambulatory surgical structures, but they exclude clinics, doctors' offices, and non-urgent care medical structures that do not provide these functions.
- Police and fire stations
- Emergency operations centers
- Evacuation Centers
- Schools
- Airports and heliports-includes air transportation lifelines (airports, municipal and larger), helicopter pads and structures serving emergency functions, and associated infrastructure (aviation control towers, air traffic control centers, and emergency equipment aircraft hangers).

High Potential Loss Facilities

- Power plants or distribution facilities
- Dams
- Military and civil defense installations
- Locations housing hazardous materials chemical and pharmaceutical plants (chemical plant, pharmaceutical manufacturing), laboratories containing highly volatile, flammable, explosive, toxic, and/or water-reactive materials, refineries, hazardous waste storage and disposal sites, aboveground gasoline or propane storage or sales centers.

Infrastructure Systems

- Water and Wastewater
- Power Utilities
- Transportation (roads, railways, waterways)
- Communication systems/centers are the main hubs for telephone, broadcasting equipment for cable systems, satellite dish systems, cellular systems, television, radio, and other emergency warning systems, but they exclude towers, poles, lines, cables, and conduits.
- Energy pipelines and storage

District Target Hazard and Critical Infrastructure

As illustrated below, the district has 29 miles of major roadways. Interstate 25 and State Hwy 83 run north and south, and State Hwy 105 runs east and west. There is a 4.42-mile rail system with BNSF. The district has four dams and 56 critical infrastructure facilities.

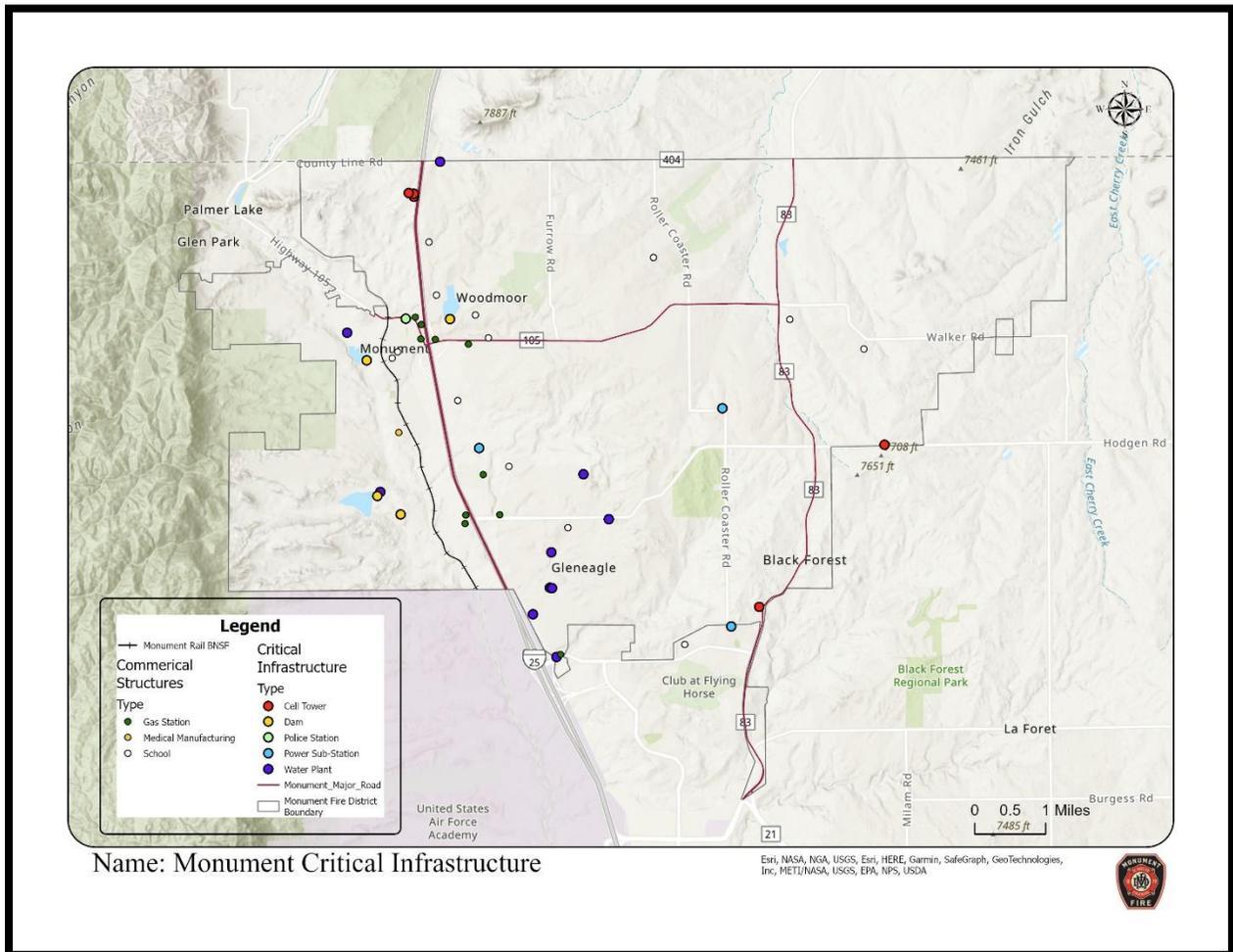


FIGURE 40 MONUMENT FIRE DISTRICT CRITICAL INFRASTRUCTURE

Water Supply

Thirty-four percent of the district has a water distribution system. (Figure 42 Monument Fire District Water Districts) Thirteen different water districts and two municipalities work together to meet water delivery needs. The district currently has 11,126 Structures within 1000' of a fire hydrant (Figure 41) and 15,454 total structures. 72% are within a thousand feet of a fire hydrant, and 28% are outside a thousand feet of a fire hydrant.

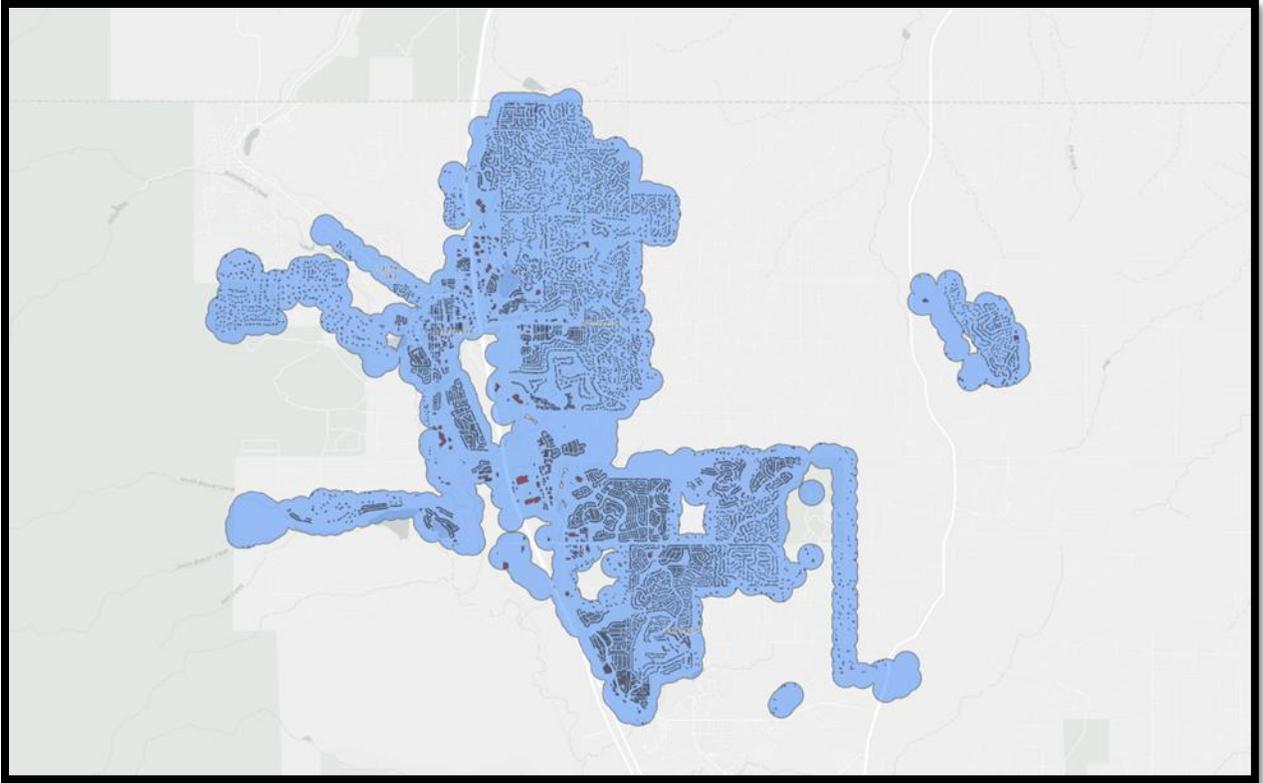


FIGURE 41

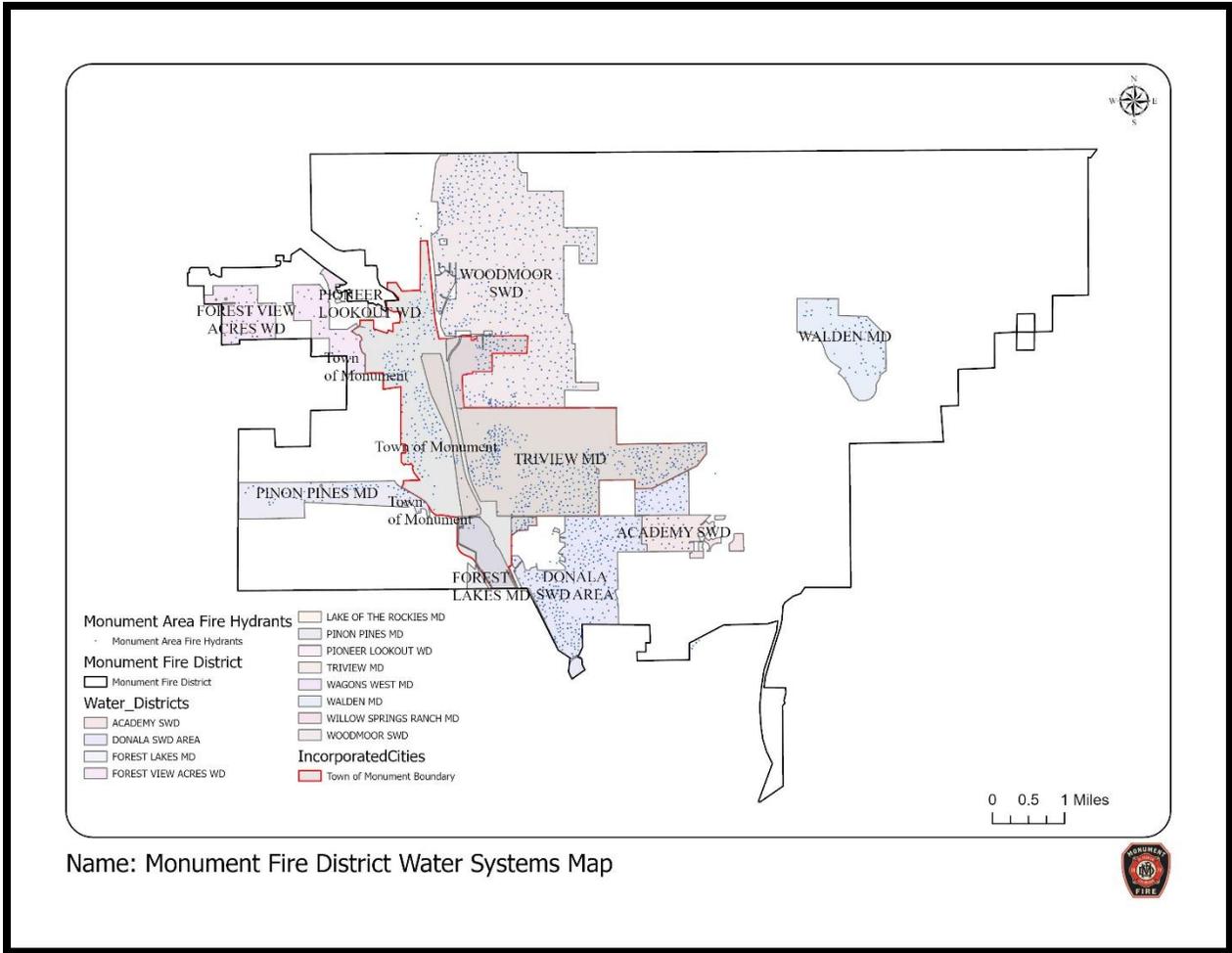


FIGURE 42 MONUMENT FIRE DISTRICT WATER DISTRICTS

The following exhibits show cisterns and other static water sources in areas not covered by any water district.

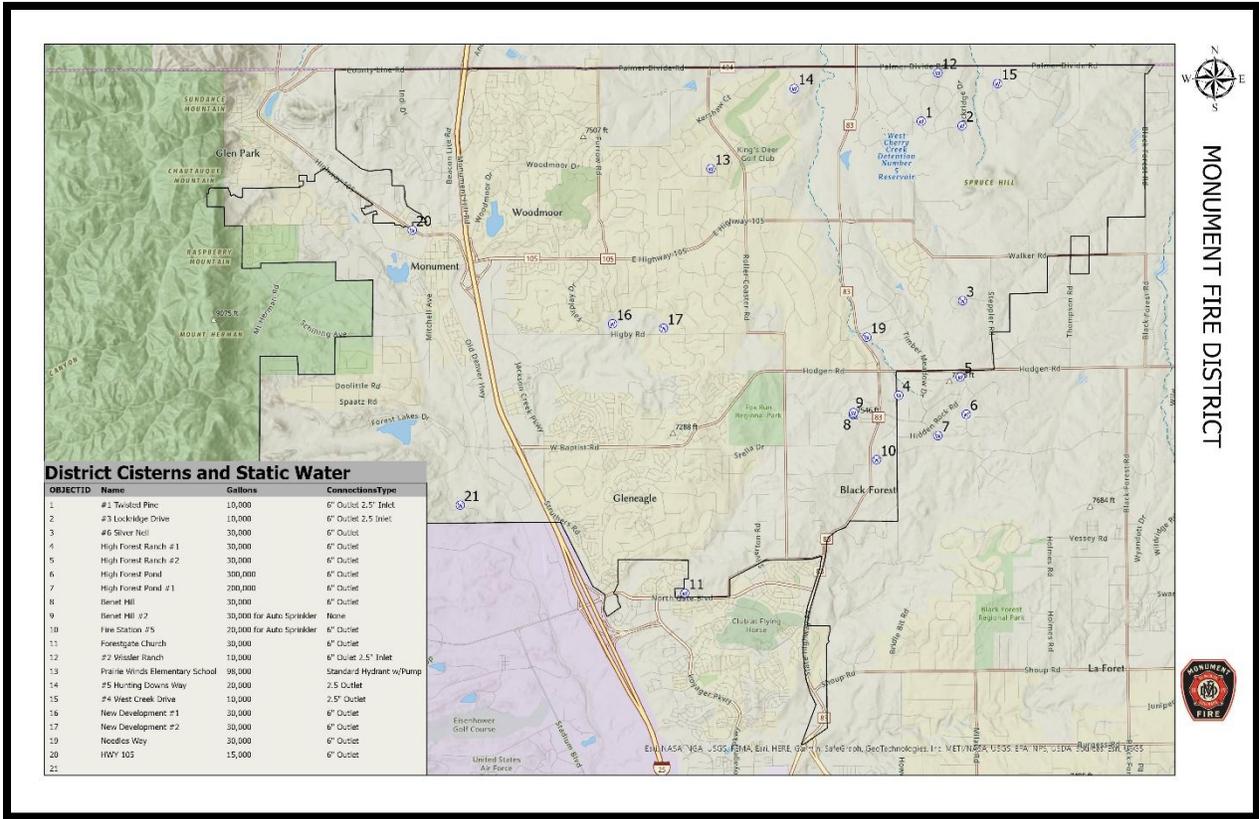


FIGURE 43 MONUMENT FIRE DISTRICT CISTERNS

Gas and Electric

The district is served by several utility companies. Black Hills Energy provides natural gas to most of the district, Colorado Springs Utilities provides gas and electric to a small portion of the southwest portion of the district along Struthers Rd. Mountain View Electric provides electricity to most of the area. CORE Electric provides electric services to a northwest portion of the district.

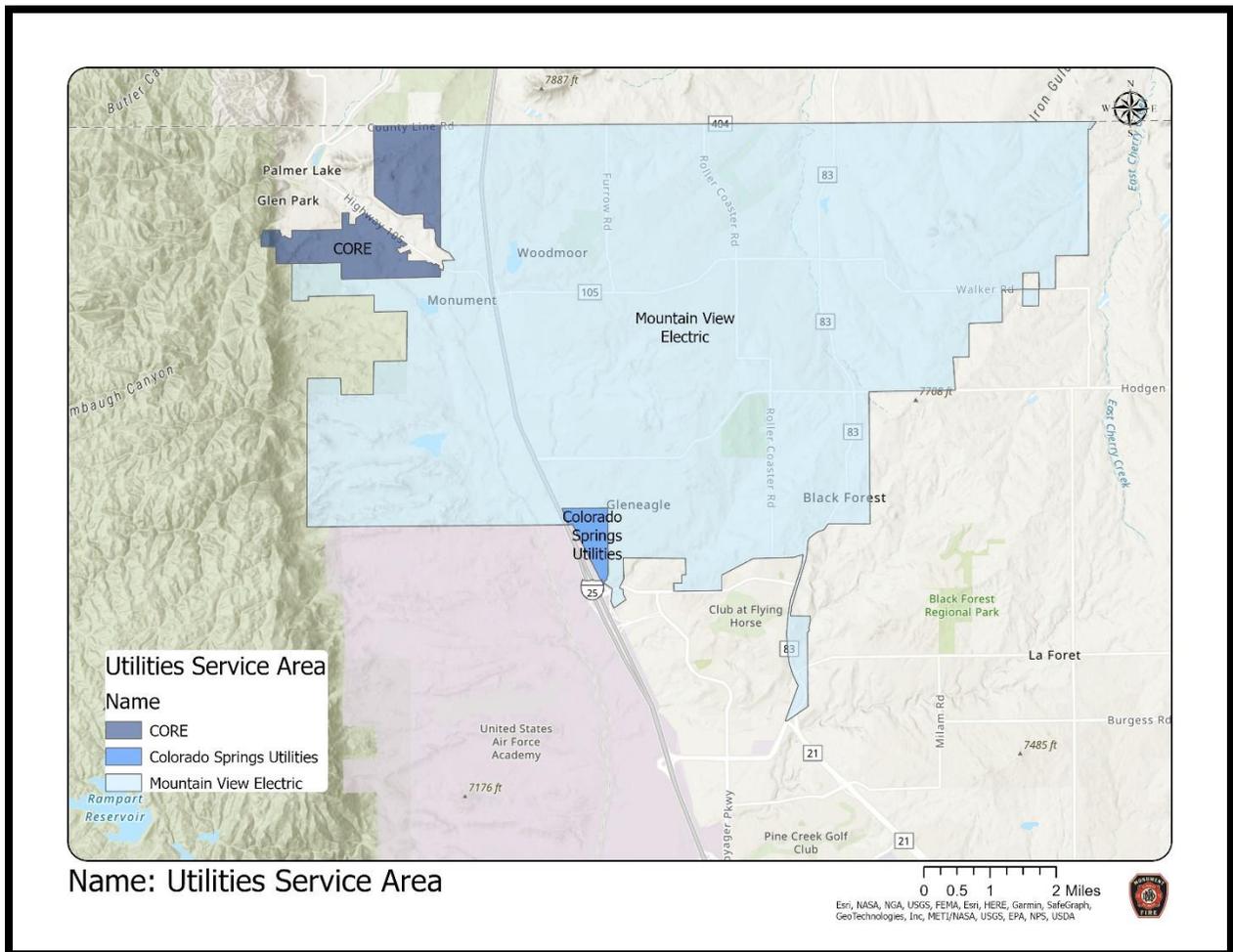


FIGURE 44 MONUMENT FIRE DISTRICT UTILITIES MAP

Moderate and High Hazard Buildings

In 2023, the district began evaluating the 661 moderate and high hazard commercial buildings to determine the risk the structure poses to district personnel. Each fire station and its respective crews were assigned a portion of these buildings within the station's first-due area. The fire companies then documented the findings in Firstdue™ (the district's records management system). The following workflow was used to determine the hazard of Low, Moderate, High, or Target Hazard.

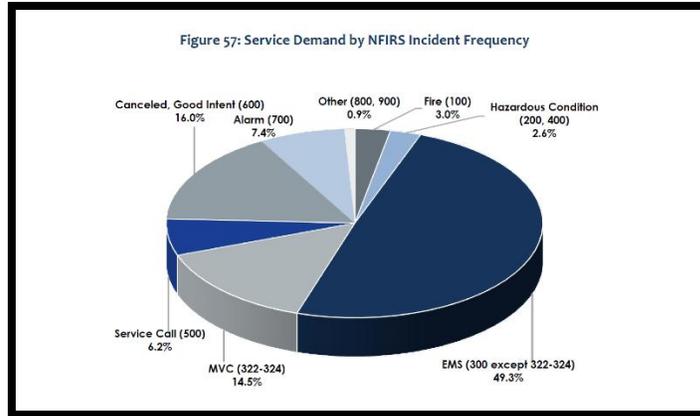
A two-axis risk categorization method has been developed as a quantitative method to determine a structure's risk. This model is based on the probability of occurrence and the consequence to the community and fire district.

During a pre-fire plan or inspection, each building's data is gathered using a standard worksheet. After the required information is collected and recorded, the worksheets are forwarded to the Accreditation Manager to be entered into the ESRI workflow to determine the building's risk classification. Once this is completed, the risk classification will be entered into Firstdue™.

Data from the district records management system from 2017 to 2019 was used to calculate the probability of occurrence. The consequence can be determined using the following criteria: Any calls for service accounting for over 10% of the call volume have a high probability of occurring, and anything below 10% has a low probability of occurring.

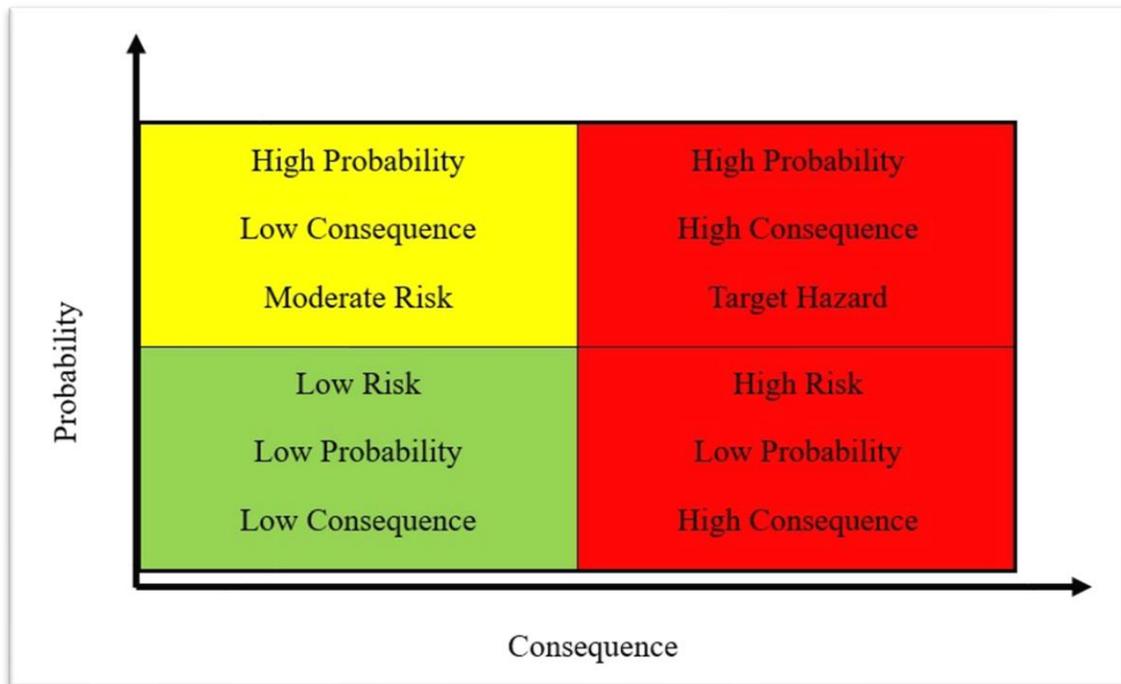
Probability:

- Structure Fire (low probability)
- Hazardous Condition (low probability)
- Traffic Accident (high probability)
- EMS (high probability)
- Tech Rescue (low probability)



Consequence:

- Residential Structure (low consequence)
- Commercial structure (high consequence)
 - Any critical infrastructure
 - Gas stations, medical manufacturing, schools, grocery stores, etc.
 - Any high-life hazard, large occupancy building



There are currently 661 buildings that meet this criterion, as shown below. Although all are rated as high hazard, the district is evaluating and updating all our pre-plans within Firstdue™. This will be completed by the end of 2025.



FIGURE 45 MONUMENT FIRE DISTRICT HIGH HAZARD STRUCTURES

Appendix:

Critical Task Analysis

Monument Fire District Wildland Operational Plan

Annual Training Plan

Structure Fire A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up, command, command support	2		
1 st due engine	3	1 st attack line	2		
2 nd due engine	3	2 nd attack line	2		
3 rd due engine	3	Pump operations	1		
4 th due engine	4	Search	4		
5 th due engine	4	FDC	2		
1 st due truck	3	Utilities	1		
2 nd due truck	4	RIT/On-Deck	4		
Air unit	2	Water supply	1		
1 st due medic	2	Division	1		
2 nd due medic	2	Aerial operations	2		
Medical/rehab	4	Medical and Rehab	4		
1 st due division	1				
2 nd due division	1				
Total Responding Personnel	37	Total Personnel Needed	37		

Structure Fire B-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size-up, command, command support	2		
1 st due engine	3	1 st attack line	2		
2 nd due engine	3	2 nd attack line	2		
3 rd due engine	3	Water supply	1		
1 st due truck	3	Search	2		
1 st due medic	2	Utilities	1		
2 nd due medic	2	Ladders	2		
1 st due division	1	RIT/On-deck	2		
		Medical and Rehab	4		
Total Responding Personnel	18	Total Personnel Needed	18		
Structure Fire C-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and command	1		
1 st due engine	3	1 st attack line	2		
1 st due truck	3	Water supply	1		
1 st due medic	2	Search	2		

		Medical	2		
Total Responding Personnel	9		Total Personnel Needed	8	

Structure Fire A Non-Hydrant-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up, command, command support	2		
1 st due engine	3	1 st attack line	2		
2 nd due engine	3	2 nd attack line	2		
3 rd due engine	3	Pump operations	1		
4 th due engine	4	Search	4		
5 th due engine	4	FDC	2		
1 st due truck	3	Utilities	1		
2 nd due truck	4	RIT/On-Deck	4		
1 st due medic	2	Water supply	5		
2 nd due medic	2	Division	1		
1 st due tender	2	Aerial Operations	2		
2 nd due tender	2	Medical and Rehab	4		
Air unit	2				
Medical/rehab	4				
1 st due division	1				
2 nd due division	1				
Total Responding Personnel	41	Total Personnel Needed	42		

Structure Fire B Non-Hydrated-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up, command, command support	2		
1 st due engine	3	1 st attack line	2		
2 nd due engine	3	2 nd attack line	2		
3 rd due engine	3	Water supply	4		
1 st due truck	3	Search	2		
1 st due tender	2	Utilities	1		
2 nd due tender	2	Ladders	2		
1 st due medic	2	RIT/On-deck	2		
2 nd due medic	2	Medical and Rehab	4		
1 st due division	1				
Total Responding Personnel	22	Total Personnel Needed	22		
Structure Fire C Non-Hydrated-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and command	1		
1 st due engine	3	1 st attack line	2		
2 nd due engine	3	Water supply	3		
1 st due tender	2	Search	2		

1 st due medic	2	Medical	2		
Total Responding Personnel	11	Total Personnel Needed	10		

Vehicle Fire A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and command	1		
1 st due engine	3	1 st fire attack line	2		
2 nd due engine	3	Traffic-Scene Control	3		
1 st due medic	2	Medical standby	2		
		Water supply	1		
Total Responding Personnel	9	Total Personnel Needed	9		
Vehicle Fire B-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and command	1		
1 st due engine	3	1 st attack line	2		
2 nd due engine	3	Traffic-Scene Control	3		
Total Responding Personnel	7	Total Personnel Needed	6		

Medical A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Command/Communications	1		
1 st due engine	3	Patient Assessment	1		
1 st due medic	2	Treatment	2		
		Packaging	1		
		Transportation/Driver	1		
Total Responding Personnel	6	Total Personnel Needed	6		
Medical B-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due engine		Command/Communications	.5		
1 st due medic		Patient Assessment	1		
		Treatment	2		
		Packaging	0.5		
		Transportation/Driver	0.5		
Total Responding Personnel		Total Personnel Needed	5		

Medical C-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due engine	3	Documentation	1		
1 st due medic	2	Patient Assessment and Treatment	1		
		Transportation/Driver	1		
Total Responding Personnel	5	Total Personnel Needed	3		
Technical Rescue					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Victim rescue	2		
2 nd due engine	3	System rigging	3		
1 st due truck	3	Haul/system management	4		
1 st due medic	2	Back up crew	2		
1 st due squad	2				
Total Responding Personnel	14	Total Personnel Needed	12		

Water/Ice Rescue					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Victim rescue	2		
2 nd due engine	3	System rigging	3		
1 st due truck	3	Haul/system management	4		
1 st due medic	2	Back up crew			
1 st due squad	2				
Total Responding Personnel	14	Total Personnel Needed	12		
Traffic Accident/Extrication A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Stabilization	2		
1 st due truck	3	Extrication	2		
1 st due squad	2	Victim rescue	2		
1 st due medic	2	Treatment and Transport	2		
2 nd due medic	2	Traffic Control	2		
		Fire protection line	2		
Total Responding Personnel	13	Total Personnel Needed	13		

Traffic Accident/Injuries B-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Vehicle stabilization and safety	2		
1 st due squad	3	Treatment and Transport	2		
1 st due medic	2	Traffic Control	2		
		Vehicle movement	1		
Total Responding Personnel	9	Total Personnel Needed	8		
Traffic Accident/No Injuries C-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
N/A		Law only			
Total Responding Personnel		Total Personnel Needed	0		
Hazmat A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Scene isolation	3		
1 st due squad	2	Product monitoring	2		

1 st due medic	2	Medical standby			
Total Responding Personnel	8	Total Personnel Needed	8		

Hazmat B-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Scene isolation	3		
2 nd due engine	3	Product monitoring	2		
1 st due squad	2	Defensive control measures	3		
1 st due medic	2	Medical standby	2		
Total Responding Personnel	11	Total Personnel Needed	11		
Search and Rescue (Assist SAR) B-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due squad	2	Coordinate with law enforcement and SAR	1		
Total Responding Personnel	2	Total Personnel Needed	1		
Fire Alarm A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size-up and Command	1		
1 st due engine	3	Problem investigation	3		
1 st due truck	3	Firefighting standby	3		

Total Responding Personnel	7	Total Personnel Needed	7		
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Fire Alarm B-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due engine	3	Size up and Command	1		
		Problem investigation and firefighting standby	2		
Total Responding Personnel	3	Total Personnel Needed	3		
Aircraft Emergency-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
		Size up and Command	1		
		Firefighting standby	3		
Total Responding Personnel		Total Personnel Needed	4		
Rail Emergency-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	Firefighting standby	3		
Total Responding Personnel	4	Total Personnel Needed	4		

Rescue Motorist-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due squad	2	Assist with rescue	2		
Total Responding Personnel	2	Total Personnel Needed	2		
Outside Fire A-High					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size-up, command, command support	2		
1 st due engine	3	Structure Triage	6		
2 nd due engine	3	Structure Protection	6		
3 rd due engine	3	Water supply	4		
1 st due type 6 engine	3	Division	2		
2 nd due type 6 engine	3	Tactical patrol	2		
1 st due tender	2				
2 nd due tender	2				
1 st due medic	2				
Total Responding Personnel	22	Total Personnel Needed	22		

Outside Fire B-Moderate					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due battalion	1	Size up and Command	1		
1 st due engine	3	1 st attack line	2		
1 st due type 6 engine	3	2 nd attack line	2		
		Water supply	2		
Total Responding Personnel	7	Total Personnel Needed	7		
Outside Fire C-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due engine	3	Size up and Command	1		
		1 st fire attack line	2		
Total Responding Personnel	3	Total Personnel Needed	3		
Miscellaneous-Low					
Unit	Crew Size	Task	Personnel Needed * part time Task		
1 st due engine	3	Problem investigation	3		
Total Responding Personnel	3	Total Personnel Needed	3		

	WUI Name: RED ROCK RANCH - FOREST LAKES		TRLX-02 Insp'd Date: 05/23/2022 By: Rohde & Assoc.
	Location: Town of Monument, El Paso County, Colorado		

Risk Assessment	Tactical Plan	Tactical Map	Area Map	Fire Behavior Map	Additional Info
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RISK ASSESSMENT MATRIX

RED ROCK RANCH/FOREST LAKES RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safety 2	Fuels 1	Access 1
Civilian Safety - 1	Topography 1	Water 2
Air Safety 1	Clearance 2	Comms 3
Hazmat 2	Construct 1	Tac Air 1
Entrapment Risks - 1	Density 2	Winds 1

S A F E T Y	FF Safety	FF Safe	No Safety Zones	Marginal Safety Zones	Adequate Safety Zones
	Civilian Safety	Civ Safe	Mandatory Evacuation	Evacuate if Time Permits	Shelter in Place
	Air Safety	Clear	Restrictions, Steep Cyns	30' to 70'	More than 70'
	HazMat	HazMat	Bulk LPG, Chemicals	Hazards in Barn	None
S T A T I C	Fuels	Fuels	Heavy or Dead Trees, Brush	Moderate	Light
	Topography	Topog	Steep	Medium Slope	Flat
	Clearance	Clear	30' or Less	30' to 70'	More than 70'
	Construction	Const	Abundant Combustible	Some Combustible	Non-Combustible
A T T A C K	Structural Spacing	Density	Dense Spacing	Subdivision Tracts	Rural, dispersed
	Access	Access	Narrow, Dirt Rds No turnarounds	1 Ln, paved, 1-way in/out	2-Lane Rds, Good ingress/Egress
	Water	Water	No Water Source	Ponds, pools, low flow hydrs	Good Hydrants
	Communications	Comm	Poor Radio, Call Coverage	Some Weak Spots	Good Coverage
Tac Air Support	Tac Air	20+ Min Re-load, No LZs	10-15 Min Re-load, No LZs	5 Min re-load, LZs	

CRITICAL INFORMATION

Response Safety: Scout all areas prior to committing resources. Many dead-end roads and dirt roads with long travel times to Safety Zones (SZ) or Temporary Refuge Areas (TRA's). Identify safety and evacuation routes for responders prior to commitment. Heavy, mature timber with under-story ground fuels along frontal range and in Shilo Pines. Hundreds of structures inter-mixed with timber, many have little or no defensible space, many are combustible construction. Crown fire potential may be high during severe burning or wind-driven conditions. Visibility may be compromised in areas of heavy timber, situational awareness of fire activity may be difficult. Paved roads are adequate width for Type 1 engines. Numerous dirt, public and private ranch roads may complicate access and evacuation control. Limited water supply in Shiloh Pines (low psi with long distance between hydrants).

Aviation Hazards: High traffic area for Military Aircraft. Directly adjacent to the U.S. Air Force Academy, approximate 25 miles from Colorado Springs Airport (COS). Order a Temporary Flight Restriction (TFR) prior to aerial operations. Elevation & temperature changes between valley floor and mountains may cause turbulent air currents, wind sheer & roll eddies along ridges. Smoke inversion may settle in the valley and obscure visibility. Above ground electrical lines in much of the area. **Retardant Restrictions:** Forest Lake & Beaver Creek drainages.

Potential Choke Points/Entrapments: Structure & population density, fuel loading and limited evacuation routes may result in choke points/entrapments throughout the plan area such as: mid-slope roads off Rosita Ave (Verano Ave, Largo Ave, Corona St); in Limbaugh Canyon/Monument Creek drainage; (Rock Ridge Rd, Mitchell Ave, Mt Herman Rd, Nursery Rd, Schilling Rd); exiting Hay Creek Rd. SH 105 likely to exceed traffic capacity during mass evacuation.

Mt Herman Rd Bridge Restrictions: No Water Tenders or Truck Companies!

BRIEFING INFORMATION

Fuels	Heavy Ponderosa Pine, Juniper & Gambel Oak. (NWCG Fuel Model 9 to 10/Timber Litter-TL4) with dense closed canopy in front range areas and Shilo Pines. Annual grasses with mixed brush (NWCG Fuel Model 1,2,3/GR7 to 5/GS2) in Mt Herman, Hay Creek and Forest Lakes areas.
Last Year(s) Burned	2013 Black Forest: 14,280 acres, 509 structures, 41,000 evacuated, 2012 Waldo Cyn: 18,247 acres, 2 dead, 346 str lost, 32,000 evac, 2002 Hayman: 138,114 acres, 6 deaths, 133 str lost.
Expected Fire Behavior	Fires initiating within the area may develop rapidly due to fuel types and arrangement. Ladder fuels can carry fire into timber canopy with potential for crowning & long range spotting, especially during high wind events. Expect long flame lengths, rapid rates of spread in lighter fuels with torching and sustained runs in timber during critical fire weather. Look for breaks in timber to grass fuels for containment lines. Most historical major fires have approached the plan area from the Front Range. East-west aligned drainages funnel winds and fire rapidly into this plan area. Past fires have been aided by either plume column collapse or thunderstorm outflow; moving fires rapidly into wind-aligned canyons and from wildlands into structures. Daily thunderstorms can occur in the PSF mountains during the summer months of June, July & August.
Topography	Monument is situated at the base of the Front Range of the Rocky Mountains at an elevation of 7135'. West is the Pike & San Isabel National Forest (PSF) rising to Mt. Herman (9063') and Pikes Peak (14,110'). West-east oriented drainages extend from the mountains into the low-rising hills of the plan area. Plateaus and rolling plains characterize areas further east. Drainages may align with dominate southwest winds to accentuate fire behavior.
Access	Access to plan area on I-25/US 87 and W. Baptist Rd from the south; SH105 & Red Rock Ranch Dr from the north. Mt Herman Rd, Schilling Ave, Spaatz Rd, Forest Lakes Dr & Hay Creek Rd provide access into the plan area. Many dirt roads, most are Type 1 & 3 engine compatible. Mt. Herman bridge passable for Type 1, 3 or 6 engine only, no truck companies water tenders or dozers. Most access roads are primary evacuation routes; expect congestion.
Special Hazards	1. Large lots w/long driveways, requires many engines to protect homes, many on private wells 2. High number of homes with open eaves, combustible siding and limited defensible space 3. Tree density and height in Shilo Pines may make it difficult to observe fire location/smoke column and Shiloh Pines has low hydrant pressure and hydrants are 1000' apart 4. High pressure (500-600 psi) gas lines on west side of I-25 5. Several trailheads where hikers are out of cell range, evacuation notification may be difficult.

UNIFIED COMMAND

Potential Incident Command Post Location	Initial ICP: MFD (TRLX) Fire Station 1 18650 SH 105, Monument (719) 484-0911 Extended ICP: Lewis Palmer High School 1300 Higby Rd, Monument (719) 488-4720
Unified Command Participants	MFD (TRLX), PLFD, EPSO, DFPC, USFS-PSF, DCFD, CSP, MPD, CSFD,
Staging Areas	1. Blueink Studio Parking Lot, 19775 Mitchell Ave, Monument, 80132, (719) 487-0062 2. MFD Sta 1, 18650 CO 105, Monument, 80132, (719) 484-0911 3. Dirty Woman Park, 17575 Mitchell Ave, Monument, 80132, (719) 330-9642 4. Jabil Inc, 1051 Synthes Ave, Monument, 80132, (719) 481-5300 5. Aces Gym, 16815 & 16825 Mitchell Ave, Monument, 80132, (719) 477-1187 6. Safeway Parking Lot, 624 SH 105, Monument, 80132, (719) 477-1187

Safety Zones/Temporary Safe Refuge Areas

Type	Location	Limits of Use
SZ	Open Field at West end of Fort Collins Dr	4 Strike Teams (20 engines) 39° 06' 40" N x 104° 55' 01" W
SZ	Defensible homes, clear fields along Suncrest Rd	2 Strike Teams (10 engines) 39° 05' 85" N x 104° 54' 09" W
SZ	Hay Creek Rd & Green Mountain Rd	4 Strike Teams (20 engines) 39° 02' 53" N x 104° 54' 12" W
TRA	Cul de sac East end of Plateau Dr.	4 Strike Teams (20 engines) 39° 03' 15" N x 104° 54' 08" W
SZ	Rampart Range Ranch, N. Monument Lake Rd.	5 Strike Teams (25 engines) 39° 05' 47" N x 104° 53' 04" W

Water Supply Pump house at 2631 Long Valley Rd requires power to maintain hydrant water supply. Low pressure hydrants 1000' apart in Shiloh Pines. Decent hydrants in most areas. Some private wells with no hydrants/water tenders required. Monument is served by 5 independent water companies using gravity fed-electrical pumped systems & dry barrel hydrants. Contact Town of Monument (719) 481-2954 to increase water pressure.

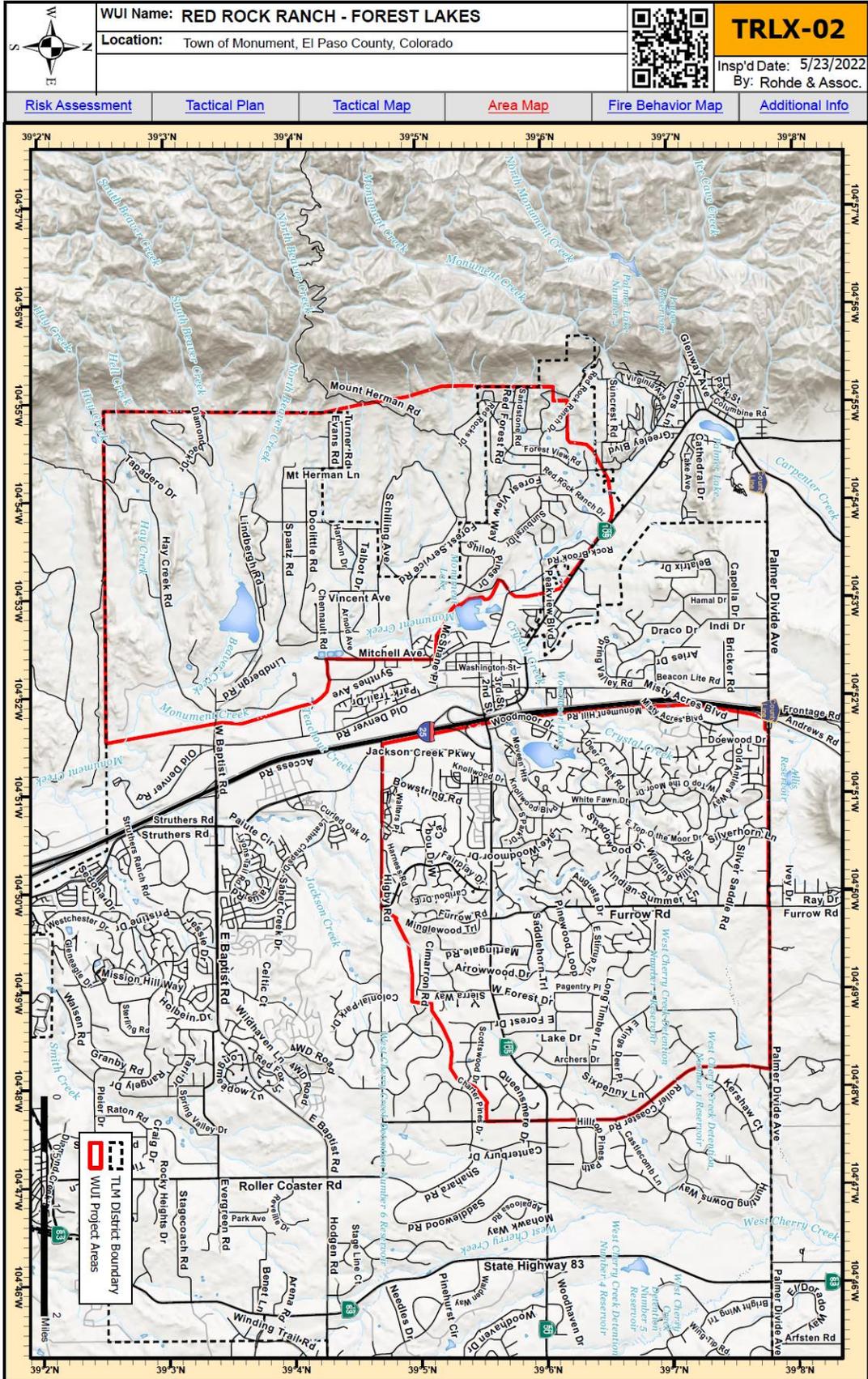
LARGE FIRE DEVELOPMENT FACTORS

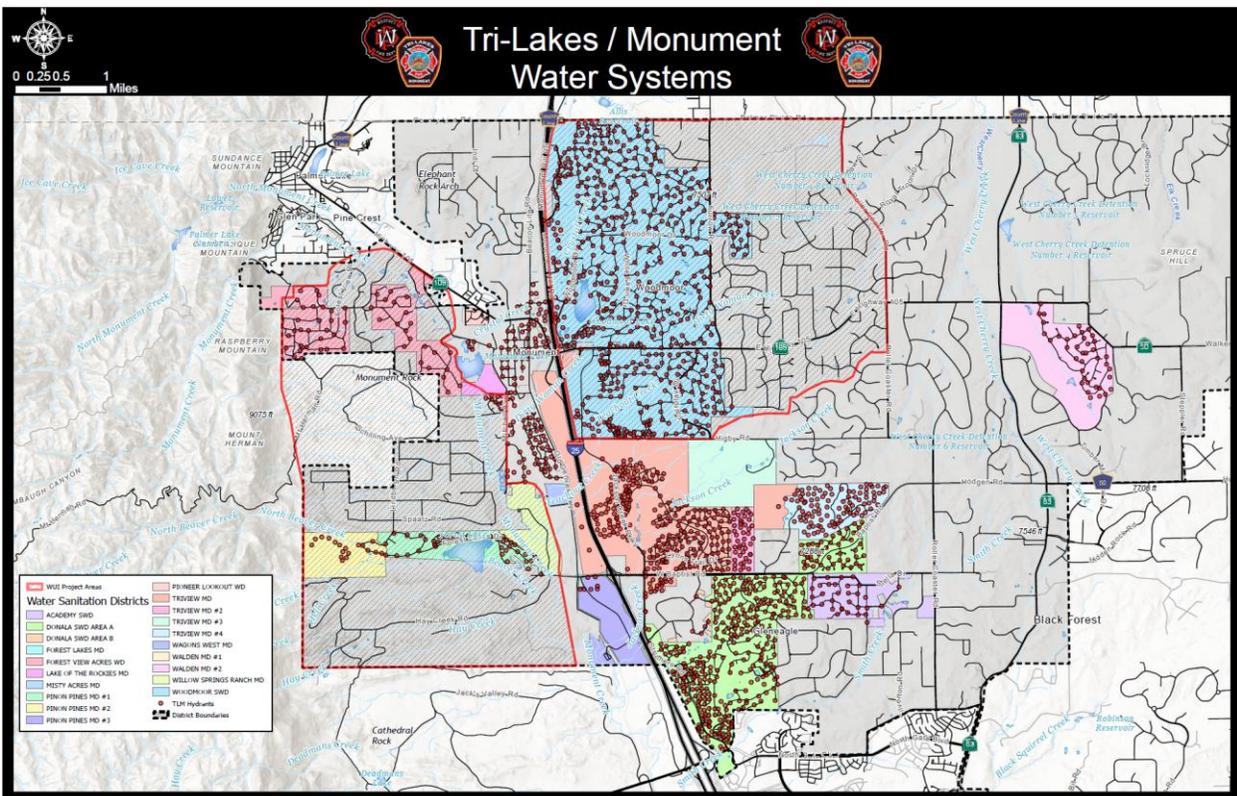
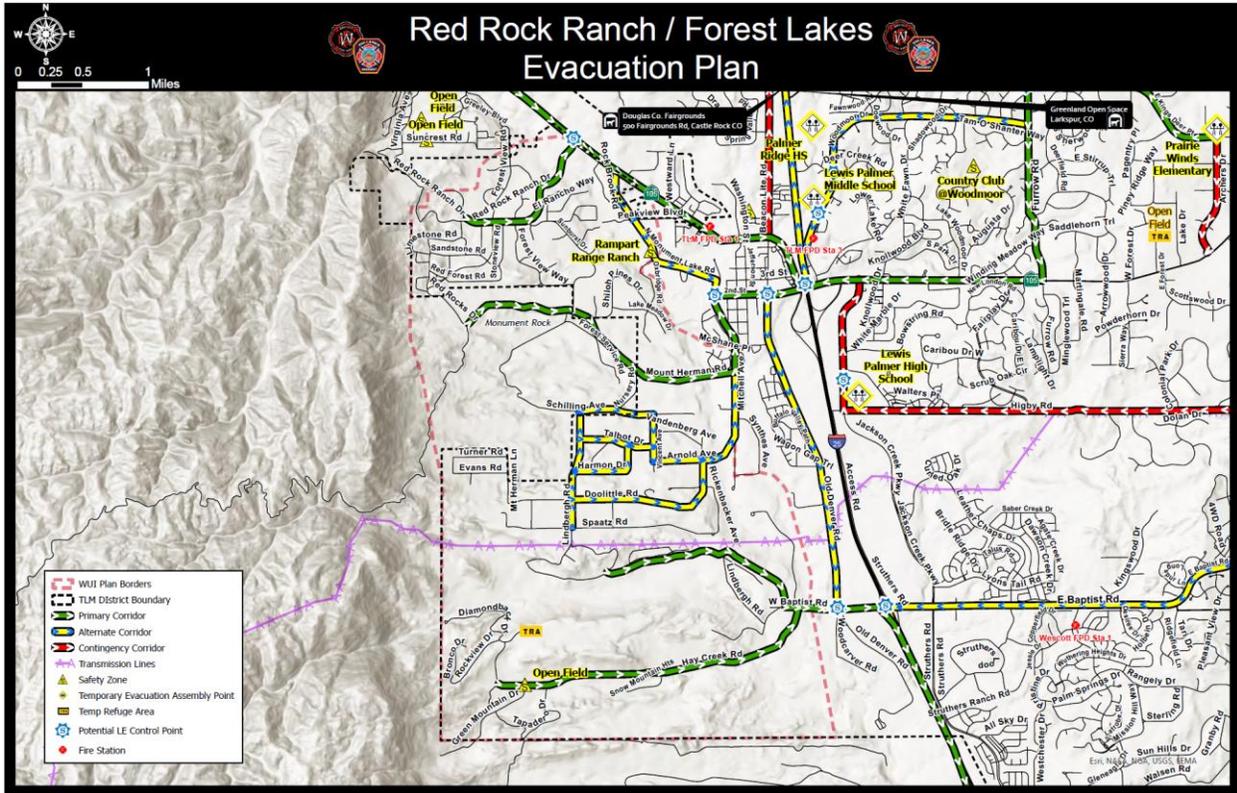
Weather	
Temperature	> 75 ° Fahrenheit
Relative Humidity	< 15%
Wind Speed	Average: 7-13 MPH Gusts: 28 MPH
Fuel Moisture	Live Fuel Moisture under 25%
Fire Behavior	
Rate of Spread	3,300-7,920 feet / hour
Spotting	1.0 mile
Flame Length	Avg. 8 feet Peak 30 feet
* Peak flame lengths occur when fire growth is in alignment with heavy fuel, slope and wind.	

Communications

Initial Attack: 800 MHz Zone A Channels. **Extended Attack:** 800 MHz Zone C. Comm Center will assign frequencies. VHF for Air-Ground. Consider transition to VHF Comm Plan (205) for major fire.

	WUI Name: RED ROCK RANCH - FOREST LAKES		TRLX-02		
	Location: Town of Monument, El Paso County, Colorado			Insp'd Date: 05/23/2022 By: Rohde & Assoc.	
Risk Assessment	Tactical Plan	Tactical Map	Area Map	Fire Behavior Map	Additional Info
RECOMMENDED STRATEGIES & TACTICS (PACE)					
Primary Plan (Offensive - Direct): Fire likely to hold with initial control lines, high probability for containment from initial attack. Fire Ignition Within Plan Boundary: Aggressively attack fires within the plan boundaries utilizing an offensive direct attack on flanks, with aircraft holding fire at ridge lines, access or dirt roads or other appropriate anchor points. Use improved roads or open fields as anchor points. Use fixed wing aircraft to slow the head of the fire and helicopters to attack and pinch the flanks. Keep the fire footprint as small as possible. Support engine company operations with water tenders where domestic water is from private wells or limited hydrant supply (Shiloh Pines). Fire Entering Plan Area: Utilize fixed wing aircraft to treat perimeter arterial roads to try to keep fire from entering plan area. Use helicopters to attack down wind spot fires. Deploy ground forces to protect structures on the perimeter, using prep-and-defend or fire-front-following tactics. Deploy ground forces down wind for ember patrol and aggressive attack on spot fires. Support ground forces with water tenders as needed.			Alternate Plan (Offensive - Indirect): Active head, fire is spotting and/or torching, multi-structure ignition. Fire behavior may calm overnight. Fire Ignition Within Plan Boundary: Expand the fire control box to alternate control points. Use fixed wing aircraft to treat along roads to hold the fire to maintain evacuation routes. Use copters to cool and slow the head and flanks of the fire. Deploy ground resources to attack the flanks and provide structure protection using prep-and-go or prep-and-defend tactics. Deploy water tenders to support engine company operations. Deploy dozers or road graders in open fields to widen major arterial roads, support with retardant drops. Fire Entering Plan Area: Continue to support first line of defense with aircraft until line is overrun. Fall back to alternate control points and treat with retardant drops to slow fire progression. Use copters to cool the head of the fire and attack spot fires. Deploy ground resources for structure protection using prep-and-go or prep-and-defend tactics, support with water tenders. Use firing tactics with IC approval only!		
Contingency Plan (Defensive - Civilian Safety): Extreme fire behavior, elevated responder risk, many structures involved, elevated evacuation, multi-operational period likely. Fire Ignition Within Plan Boundary: Divide plan area into fire compartments using major arterial roads, (Suncrest Rd, Red Rock Ranch Dr, Mount Herman Rd, Forest Lake Rd, Hay Creek Rd) as north-south boundaries. Use SH 105, N Monument Lake Rd, Mitchell Ave, Forest View Wy as east-west roads boundary. Improve with retardant drops and widen with dozer/graders if possible. Protect evacuation routes. Consider firing tactics to further widen control line (with IC approval). Protect structures using fire-front-following tactics. Deploy ground forces to support SZ/TRAs. Fire Entering Plan Area: Use perimeter north-south & east-west roads, (SH 105, SH 83, I-25, Red Rocks Dr & Mt. Herman Rd) as control lines to slow/stop fire from entering plan area. Support with water and retardant drops. Widen control line with dozers/graders where able, deploy ground forces downwind for ember patrol and fire attack where safe to do so. Deploy ground forces to support SZ/TRAs and maintain evacuation routes.			Emergency Plan (Defensive - Responder Safety): Dangerous, life-threatening fire behavior, high structure loss potential, high responder risk, critical life safety issues, developing major fire. Prioritize responder safety first. Do not attempt to access areas with limited defensible space or on long dead-end roads with emergency responders. All Fires: Cease civilian evacuations if routes become compromised. Direct civilians to SZ/TRA locations or shelter-in-place with first responders if safe to do so. Prioritize SZ/TRA locations and deploy both air and ground resources to protect civilian/first responder within these zones. If time permits, use dozers/graders to improve SZ/TRAs that are open fields. Deploy ground resources into commercial areas along SH 105 to protect spread into town center. Expand evacuations and notify communities outside the plan area in direct path of fire spread. Do not engage in direct attack where safety is not absolute. Consider indirect fire containment options at considerable distances. Expect considerable structure loss with potential civilian injury or loss of life.		
Perimeter Control Plan: Hold running wildland/WUI fire to the fire plan boundaries: Hold fire to the Red Rock Ranch or Forest Lake region and prevent the spread to adjacent communities. Use retardant drops to support control lines and roads which may also be evacuation routes. Keep retardant out of Beaver Creek & Forest Creek drainages. Use of road graders to establish control lines or safety zones in fields and rolling hills may be effective alternative to dozers. Use dozers in areas of denser fuels and uneven topography. Keep the fire out of wind aligned drainages if possible. Primary Control Points: Redstone Ridge Rd, Red Rock Ranch Rd, Sunburst Dr, Mount Herman Rd, Forest Lakes Dr & Lindberg Rd. Alternate Control Points: Suncrest Rd, SH 105, N. Monument Lake Rd, Mitchell Ave & Hay Creek Rd. Use interior roads as control lines if possible to shrink the box if fire conditions permit.					
EVACUATION PLAN					
Primary Evacuation Plan: Evacuate early (especially Red Rock Ranch & Shiloh Pines areas) for fires within the plan expected to go beyond initial attack. Use aircraft to protect evacuation routes as long as possible. Activate "Everbridge" Reverse 911 System & "Peak Alert" wireless cell phone notification systems. Large equestrian populations in Red Rock Ranch area may cause choke points and will require extended evacuation time or shelter-in-place (call Animal LE Dispatch: 719-473-1741 for assistance). Send large animals to Douglas Co shelters (see Temp. Evacuation Assembly Points). Smoke may obscure visibility, creating dangerous driving conditions. Primary evacuation routes: I-25, SH 105, Red Rock Ranch Dr, Mt Herman Rd, Mitchell Ave, Forest Lakes Dr, Hay Creek Rd. Alternate routes: N Monument Lake Rd, Spatz Rd, Schilling Ave, Arnold Ave, Doolittle Rd, Old Denver Hwy. Contingency routes: Beacon Lite Rd, County Line Rd to Palmer Lake if primary routes are congested or impacted by fire. Relocate civilians to uninvolved areas outside of the operational area.					
Evacuation Trigger Point: Fires from northeast: Initiate evacuation on established fire threatening SH 105. Fires from north/northwest: Initiate evacuation when fire enters Monument Creek, reaches Mt Herman or crosses S Valley Rd in Palmer Lake. Fires spreading from Palmer Lake will have impacted populated areas prior to reaching this fire plan location and evacuations may be required sooner. Fires from south/south-west: Initiate evacuations for well established fire crossing N Boundary Rd, or in Hay Creek. Fires within plan area: Evacuate perimeter of community nearest to the fire threat first. Consider shelter-in-place at homes with good defensible space. All Fires: Notify hikers at trail heads: Palmer Lake, Limbaugh Canyon, Red Rocks Rd, Mt Herman (SH 320). Helicopters may be needed for hiker evacuation.					
Temp. Evacuation Assembly Points (Human & Animal) Primary People: <ol style="list-style-type: none"> Palmer Ridge High School, 19255 Frontage Rd, Monument, 80132, (719) 867-8600 Lewis Palmer Middle School, 1778 Woodmoor Dr, Monument, 80132, (719) 488-4776 Lewis Palmer High School, 1330 Higby Rd, Monument, 80132 (719) 488-4720 Primary Animals: <ol style="list-style-type: none"> Douglas County Fair Grounds, 500 Fairgrounds Rd, Castle Rock, 80104, (720) 733-6900 Greenland Open Space, Frontage Rd & Skyview Ln, Douglas County 					
POPULATION & STRUCTURES AT-RISK			STRUCTURAL TRIAGE		
Population	2,835	Threatened/Non-Defensible	Expect high structure loss with extreme fire behavior Shilo Pines: 50% Red Rock Ranch/Forest Lake: 30%		
Planning Unit Acreage	6,910	Threatened/Defensible	60% Red Rock Ranch, 40% Forest Lake		
Structures	1,028	Non-Threatened	10% Central downtown area along SH 105		
		W/ Defensible Space	60% Red Rock Ranch, 60% Forest Lake		
EMERGENCY RESOURCE NEEDS - FIRST SIX HOURS (In addition to Initial Attack Resource)					
Fire Ordering Point:	TLMFPD (719) 391-8918	Law Enforcement Ordering Point:	El Paso Co. Sheriff / Monument PD (719) 391-8918,		
Engines: The number range reflects the number of "minimum" to "preferred" resources.					
Type 1 Engines: 15-20 (Strike Teams: 3-4)	Type 3/6 Engines: 15 (Strike Teams: 3)	Water Tenders: 6-10			
Crews	Dozers	Overhead: 5			
Single: 4-6 STs: 0	Single: 2-4 STs: 0	Div. Sup.: 4			
Aircraft:					
Type 1 Helicopter (Large): 1-2	Type 3 Helicopter (Light): 1	Air Tankers: 2-4 VLAT: 1			
Type 2 Helicopter (Med.): 1-2					
WUI Engine Deployment - High Risk 1 engine/2-4 perimeter structures, 1 engine/isolated structures, 2 engines/multi-family structures					
WUI Engine Deployment - Moderate Risk 1 engine/2-4 perimeter structures, 1 engine/isolated structure, 2 engines/multi-family structure					
WUI Engine Deployment - Low Risk 1 strike team/2 blocks of perimeter homes					
Logistics: File F-MAG application with DFPC during active structure threat. Notify Pikes Peak Regional Office of Emergency Management (OEM), (719) 575-8422, to open El Paso Co EOC for major fire resource and evacuation needs. Consider first responder fuel, water & food needs early. Notify Red Cross & Animal Control for human and large animal evacuation needs. There is no official animal evacuation plan for this area. Call Animal LE Dispatch: (719) 473-1741. LE escort required to access area during fire.					
Other: Notify Mountain View Electrical Association and Core Electric Cooperative for potential power shut downs. Notify El Paso County to assist in traffic management. Seek Agency Reps from Local, State and Federal Fire, Medical and Law agencies. Identify PIO for media on major fire. Muster animal rescue resources outside of operational area and provide escort into areas of need.					





MONUMENT FIRE DISTRICT



2025 ANNUAL TRAINING PLAN

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SUMMARY

The 2025 Monument Fire District (MFD) Annual Training Plan (ATP) is created to support the district's mission, vision, and values by creating a road map for our firefighters for the entire year. This training plan also provides the foundation for a critical district strategic priority: care for, train, and ensure the safety of our employees while providing quality training opportunities so that they can continue to improve and provide excellent and effective service to the district.

MISSION

Monument Fire serves and safeguards our community every day, every call, everyone.

VISION

We will accomplish our mission by embracing progress while honoring our traditions.

VALUES

CHARACTER ~ CONNECTION ~ COMMITMENT

The ATP adopts a comprehensive approach to determine the training required for an all-hazards organization. The plan encompasses various response disciplines, including emergency medical services, structure fires, hazardous materials, technical rescue, wildland firefighting, and professional development. This approach requires individuals to enhance their skills and knowledge in all response areas while also allowing them to specialize in subjects based on their skills, placement, and interests.

The MFD encourages members to attend conferences and training programs to enhance their skills and keep up with the fire industry standards on a national level. The district will regularly organize or support local and regional training programs for all fields included in the training plan. Professional development is prioritized by offering support to obtain college degrees with tuition reimbursement, professional credentialing through CPSE, engineer, officer, and battalion chief academies, and officer development through our quarterly officer meetings.

Annual Training Plan Logistics

The ATP establishes the minimum training hours per discipline. Training compliance requirements result from district policies, recertification mandates, Insurance Service Office (ISO) requirements, and accreditation recommendations. Fire companies complete Company Performance Standards covering a range of disciplines every quarter. Annual evaluations conducted by the Training Division ensure those objectives are met and identify any improvement opportunities that may require additional training. The ATP is designed to be specific yet allows for flexibility in the event of training that becomes available or as district needs dictate. The ATP remains

the authority for training topics. Revisions to the ATP must be approved by the Fire Chief or the Battalion Chief of Training.

To facilitate weekly training needs in conjunction with a 48/96 shift schedule, training led by the Training Division is predominantly scheduled on Mondays, Wednesdays, and Fridays to capture all three shifts in any given week. This anticipated schedule, combined with company weeks, accommodates officer meetings, company-led training, and station responsibilities.

MFD TRAINING DIVISION



Shannon Balvanz
Battalion Chief of
Training and EMS



Stephen Buckner
Training Lieutenant



Rachel Peters
EMS Coordinator



Carrie Fuller
EMS Educator

TRAINING ASSURANCE AND COMPLIANCE

Several considerations are utilized in creating the ATP to ensure members meet or exceed compliance:

- MFD Standard Operating Procedures
- National and State guidelines
- ISO minimum requirements
- Post Incident Analysis
- EMS Quality Assurance reviews

The following table represents the topics of the company level training, and the minimum hours required per member every quarter. The training hours are tracked and are accessible to each member on Target Solutions for compliance and member progress. Quarterly progress reports are communicated to the Operations Division at Executive staff meetings.

Category	Minimum Quarterly Hours
Structure Fire & MVC Response	48 Hours per member
EMS	9 hours per member
Facility Training (burn building)	4.5 hours per member
Specialty Training	6 hours per member
Driver / Operator	3 hours per member
Leadership Development	Classes Offered/ Officers/AIC 12 Hours
Physical Fitness	15 hours per member
Total Hours	75 Hours per member

This published training plan is available to the members in the following various formats to ensure it is communicated with advanced notice for planning and scheduling:

- Printed documents at all stations
- Target Solutions
- First Arriving board notifications and announcements at all stations
- Master Training Calendar at all stations

ANNUAL TRAINING PLAN GOAL

The goal of the ATP is to provide a detailed map for the year so battalions and crews can prepare and know what to expect ahead of time. The ATP may be adjusted depending on planning and the availability of facilities and instructors. However, it will be adhered to as closely as possible.

TRAINING EXPECTATIONS

The training given to employees should meet their expectations while aligning with the district’s mission, vision, and values. To execute our mission, we must create a positive and enthusiastic training environment, combine various perspectives, be progressive and open to innovative ideas, and train to be effective with our actions when lives are at stake and seconds count. In the training division, we want constructive feedback so we can continue to improve and provide quality training for

the department. It is the expectation of the training division that every firefighter is here to continue to improve in their position of service and will tirelessly work to become more effective, efficient, and skilled at their craft of firefighting and saving lives. We aim to ensure that no person's training lets them down when they need to perform and seconds count.

STRUCTURE FIRE & MVC RESPONSE

Formal fire-related training will be conducted on two main avenues. Training Division-facilitated training will be conducted monthly, prioritizing high-risk/low-frequency events. These training sessions will focus on larger-scale evolutions that need to be facilitated by the Training Division, new SOGs or equipment implementation, and the addition of new techniques and methods in different scenarios.

These monthly battalion trainings will focus on increasing the crews' overall abilities and building on the basics with the goal of mastery. We will focus on our core mission of saving lives with aggressive fire attacks, search and rescue, ladders, ventilation, and FF survival. The following table is an outline of our monthly fire training.

Structure Fire & MVC Response		Date
Truck Operations		January
TIMS		February
Search & Rescue/Ladders		March
Vertical Ventilation & Ladders		April
Hose Management		May
Live Fire Evolutions		June
Rural Water Operations		July
Commercial/Big Box Fire & Vent		August
Heavy Veh/Auto Ex/Veh Fire		September
Static Water Supply		October
Rapid Intervention/FF Survival		November
Year End Evaluations		December

The second avenue of monthly training will be at the company level and focus on skills and drills that will be assigned through Target Solutions. These can be done on shift as a crew at the station or training ground.

EMERGENCY MEDICAL SERVICES

Emergency Medical Services (EMS) training consists of several subjects required of all certified EMT's and paramedics. The district aims to exceed the minimum requirements mandated by the Colorado Department of Health and the National Registry of EMTs and Paramedics. Those are supplemented with distributive courses to develop knowledge and skills for successful patient care.

EMS training will be delivered through various methods, including classroom sessions, scenario-based skills sessions, company-level training, independent study, and skills validation. EMS topics are delivered by multiple department personnel or through outside subject matter experts. Each month, we will have training pertinent to a crew-based emergency medical care delivery approach. The following table is an outline for our monthly EMS training.

Emergency Medical Services		Date
Airway - Basic and advanced airway management, Capnography, Cric & Needle Decompression		January
EMT & Paramedic Refresher EMT PEPP		February
Traumatic Head Injuries - Different Head Bleeds, S/S & Treatment Trauma Skills stations - Wound Packing, Pelvic Binder & Splinting		March
Environmental - Insect & Snake bites, allergic reactions & Guidelines		April
Outdoor Emergencies - Water and Wilderness		May
Pediatrics - Trauma, airway, fluid replacement & Guidelines		June
MCI - Drill & Guidelines		July
Guideline Review - New and updated guidelines		August
Cardiac - NSTEMI, STEMI, ACS, PE, Cardiac Tamponade, Mimics, & Guidelines		September
Burns - Burn Care, Resource/Destinations & Guidelines		October

Neuro	November
Annual Evaluations - Year-end skills evaluation	December

LEADERSHIP/PROFESSIONAL DEVELOPMENT

Leadership training ensures all members are equipped with the training and information necessary to be leaders and effective supervisors and prepares them for promotional opportunities.

The Monument Fire District strongly encourages upward mobility in rank, professional development, and education. The following are department-created training courses designed to meet individual member needs as well as provide a foundation for succession planning:

- Leadership Lessons
- Quarterly Officers Meetings
- Engineer Academy
- Officer Academy
- BC Academy
- AIC Task Books

Leadership/Professional Development		Date
<p>Operations meetings - (Chief & BC's)</p> <p>Executive staff meetings</p> <p>Topics included are reports from all divisions (Operations, Training, and Risk Reduction), strategic planning, personnel issues, and budget management.</p>		Monthly
<p>Company Officer Meetings</p> <p>Conducted by the Fire Chief or his designated official to keep company officers abreast of departmental and district projects, enhance supervisory and leadership skills, SOP implementation/revision, strategy and tactics training, and personnel management.</p>		Quarterly

<p>Chief's Meetings Conducted by the Fire Chief or his designated official for all members to implement new or revised SOP's and relay status updates of departmental and district projects.</p>	<p>Quarterly</p>
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The Training Division will attempt to provide or send individuals to officer development classes required for promotions, including Fire Instructor I, Fire Officer I & II, ICS, etc. These classes are offered at additional times in the region due to demand. In addition, professional development programs such as the Managing Fire Officer and the Executive Fire Officer program through the National Fire Academy are encouraged and available to department members.

SPECIAL OPERATIONS TRAINING

Special Operations Training ensures that all personnel perform well at the operations or technician level in the various disciplines. For 2025, specialized training will focus on the areas that are our highest threats: wildland fire and hazardous materials incidents. We will also include ice rescue and some rope rescue.

As we move forward, these SOT disciplines could potentially increase to include water rescue, trench rescue, confined space, and structural collapse rescue. While all of these are important, our district's highest priorities and risks are wildland fires and hazardous materials on our transportation corridors.

The following table is an outline of our monthly SOT training.

Special Operations Training	Date
Ice Rescue Training	January
Wildland Refresher & Training	February, April, & July
Ropes	May & August
Hazmat Operations	March, June, September & November
No Specialty Training	December

COMMUNITY TRAINING

Monument Fire District’s training plan extends beyond the needs of the internal stakeholders and makes a concerted effort to reach the community. This effort includes hosting classes at station 1 and eventually at our training center. These classes include:

- Community CPR
- Stop the Bleed
- Junior Fire Academy
- Child Passenger Safety
- Fire Prevention for the School District

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