



Community Risk Assessment and Standards of Cover for Emergency Response 2020

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People and Property**
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GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

CITY OF GRAND JUNCTION, COLORADO

RESOLUTION NO. 79-21

A RESOLUTION ADOPTING THE GRAND JUNCTION FIRE DEPARTMENT
COMMUNITY RISK ASSESSMENT AND STANDARDS OF COVER DOCUMENT

Recitals:

The Grand Junction Fire Department mission, vision, and values guide the Department in providing fire and medical services to the community. The Department has established specific service level objectives that are in accordance with specific operational directives and policies for the response to fires, emergency medical, hazardous materials, and technical rescue incidents. The objectives were established by, with and through the Community Risk Assessment and Standards of Cover document, which process and resulting document are critical elements in the accreditation process.

The Community Risk Assessment and Standards of Cover document defines the Grand Junction Fire Department written policies and procedures for the Department's distribution and concentration of resources.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF
GRAND JUNCTION COLORADO THAT:**

The City Council supports and adopts the Grand Junction Fire Department Community Risk Assessment and Standards of Cover document to guide future planning and resource development and deployment in the Grand Junction Fire Department.

This Resolution shall be in full force and effect from and after its passage and adoption.

Passed and adopted this 6th day of October, 2021.

A handwritten signature in black ink, appearing to read 'C.B. McDaniel', written over a horizontal line.

C.B. McDaniel
City Council President

ATTEST:

A handwritten signature in blue ink, appearing to read 'Wanda Winkelman', written over a horizontal line.

Wanda Winkelman
City Clerk





Grand Junction Fire Department would like to recognize and thank the following organizations and people for their time and effort that went into the creation of this document.

Fire Chief Ken Watkins

Deputy Fire Chief Gus Hendricks

Battalion Chief Matt Carson

EMS Chief Mark McIntire

Fire Marshal Steve Kollar

Community Outreach Specialist Ellis Thompson Ellis

Community Outreach Specialist Dirk Clingman

GIS Analyst / Developer Dylan Harwell

GIS Analyst / Developer Scott Larsen

Intern Savanna Pottorff

Rocky Mountain Accreditation and Professional Credentialing Consortium

Castle Rock Fire Department (CO)



Introduction

This document serves as the Grand Junction Fire Department (GJFD) Community Risk Assessment and Standards of Cover. The Commission on Fire Accreditation International (CFAI) defines Standards of Cover as adopted written procedures that determine the distribution, concentration, and reliability of fixed and mobile resources of an agency for the provision of fire, emergency medical services, and other technical level responses. GJFD has utilized a systematic approach for determining adequate distribution and concentration of its resources throughout the community that it serves.

The following report contains information on Grand Junction Fire Department, the services, and programs it provides, a risk analysis of critical task and effective response force determinations, historical performance, distribution concentration, reliability evaluations, evaluations of baseline data and established benchmark performance objectives, and compliance methodology.

Grand Junction Fire Department, through the support of the City Manager and City Council, has developed into a professional department. The Department provides multiple services to the citizens while maintaining a high standard of training and education for its firefighters. Grand Junction Fire Department is an “all-hazards” department providing fire suppression, emergency medical response and transport, technical rescue, fire prevention, public education, investigation, and hazardous materials mitigation.



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Section 1 – Description of Community Served

Legal Basis and Governance

The City of Grand Junction was founded in 1882. In 1921 the citizens of Grand Junction voted to employ the Council-Manager form of government. This system combines the political leadership of elected officials with the managerial expertise of an appointed local government manager. The members of the City Council are elected by the citizens of Grand Junction to make policy decisions and laws and represent five wards and include two members at large.

Grand Junction Fire Department was established on July 18, 1889, pursuant to the Home Rule provisions of Article XX of the Colorado State Constitution Section 6 (a) states:

“The creation and terms of municipal officers, agencies and employments; the definition, regulation and alteration of the powers, duties, qualifications and terms or tenure of all municipal officers, agents and employees;”

As well as in accordance with Section 31-30-101 of the Colorado Revised Statutes (C.R.S) which states:

“The governing body of any city or town may provide by ordinance for a paid fire department, a paid police department, or a paid street department or all of same and may fix, define, and classify the various grades of employment in such departments, which grades and classifications shall be based upon the nature of the services to be rendered and the duties to be performed and shall also fix uniform wages and salaries to be paid to all employees in each particular class, which wages may be lowered or increased uniformly for each class from time to time.”

The agency therefore fulfills many roles such as fire suppression, fire investigations, fire prevention, fire code enforcement, public education, hazardous materials response, technical rescue, and emergency medical services at the scene of an accident or emergency.

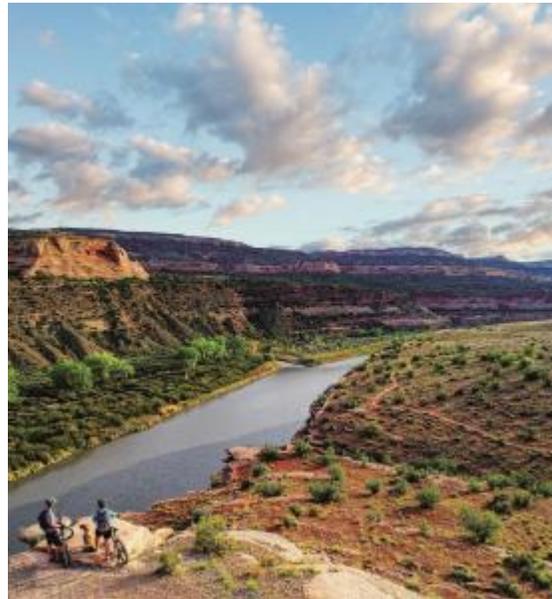


City and Organizational History

The first known humans in the Grand Valley were Fremont Indians, of the Puebloid Group, living here from 250 to 1300 AD. Their pictographs and petroglyphs excite visitors and can be viewed in a number of areas around Western Colorado.

In the 1800s this area was home to the Northern Ute Tribe, and Ute Chief Ouray was a revered leader in the Country. Two traveling Spanish friars named many of the region's mountains and rivers. The discovery of gold and silver drew prospectors and towns were founded to meet the needs of miners and their families.

Grand Junction, the county's largest city, has a strong history that dates back nearly 140 years. In the 1880s, the area was part of the Northern Ute Reservation, although Native Americans were later moved west into Utah. In September 1881, the area experienced a land rush



settlement, and a town site was staked. This town, located in the Grand Valley, was first called Ute, then West Denver and finally came to be known as Grand Junction. The name stems from its location at the confluence—or junction—of the Gunnison and Colorado Rivers. (The Colorado was historically called the "Grand River.")

By 1883, Mesa County was created from neighboring counties, and Grand Junction was named the county seat. Grand Junction began to thrive when the main line of the Denver and Rio Grande Railroads came into the area in 1887. Soon after, major irrigation turned the Grand Valley into a fertile agricultural area.



The Grand Junction Fire Department began on July 18, 1889 as the Cameron Hose Company, which later collaborated with the Grand Junction Volunteer Hook and Ladder Company, and both companies unified in 1891 as Grand Junction Fire Department. The departments' transition from volunteer to career fire department occurred June 17, 1898 and the first paid Fire Chief, John Dickerson was appointed. In 1902 the two fire companies were reorganized as Grand Junction Fire Department; the new department consisted of a

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Chief, six professional firefighters and six men who assisted with large fires. GJFD purchased its first fire truck in 1912, up until this time the apparatus were horse drawn.

In 1944, The Grand Junction Rural Fire Protection District was formed. Both the City and the Rural District paid separate firefighters and each agency had its own fire apparatus, but both were housed in GJFD's fire station. Each agency's apparatus had separate hoses, equipment, and budgets and each responded to different fires.

Fire education opportunities were brought to Grand Junction in the 1930s, which lead to the expansion of fire protection across the valley in rural areas including Orchard Mesa, Redlands, Appleton, and Fruitvale; and in the mid-1970s EMT and Paramedic programs were instituted. The second Grand Junction fire station was built in the 1960's (which would be relocated in the 90's), the third station was built in 1975, and the fourth was built in 1979 (rebuilt/relocated in 2016).



In the mid-1980s, GJFD staff was reorganized; many much-needed positions were constructed, and new operational procedures and emergency standards were implemented. Hazardous material specialization was added in the 1990s. In 2004, the fifth GJFD station was built and staffed, the positions for Fire Investigator and Fire

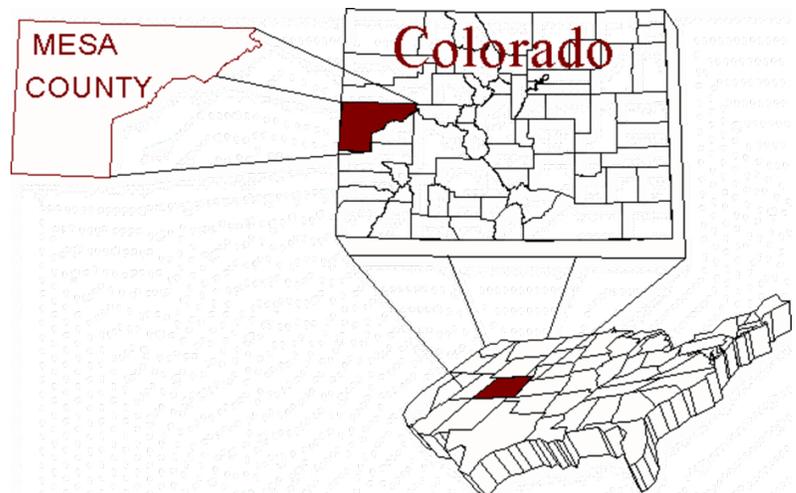


Prevention Officer were also incorporated later in the year. In 2006 GJFD became the sole source ambulance provider for the City of Grand Junction and hired an additional 22 personnel to accommodate the new operation. In the mid-2000s the Bomb Technician team was established. The Grand Junction Wildland Fire team was organized in 2011.

In 2015, GJFD was reviewed by the Insurance Service Office and received a Public Protection Classification of 02/2X. This was a huge jump for the department from the previous classification of 4.

Today, Mesa County is home to more than 150,000 people in 15 communities. The largest of these is Grand Junction followed by Fruita and Palisade. Other incorporated towns are Collbran and DeBeque, and unincorporated areas of the county include Clifton, Fruitvale, Mesa, Mack, Loma, Gateway, Glade Park and Whitewater.

Visitors and residents enjoy world-class whitewater rafting on the Colorado river, skiing and snowboarding on the slopes of nearby Powderhorn Ski Resort, golfing, fishing, and exploring mountain



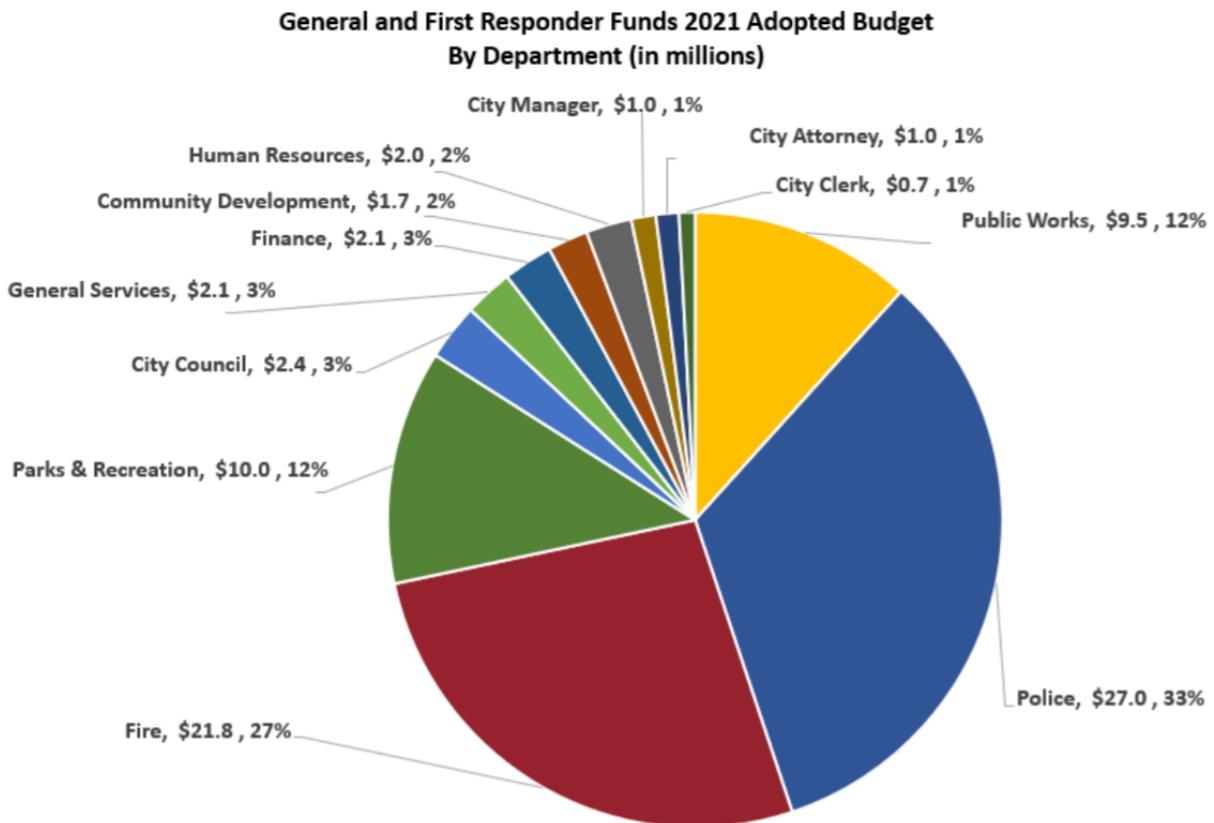


biking and hiking trails through the Colorado National Monument, the Grand Mesa, the Little Book Cliffs, and the Uncompahgre Plateau.

Grand Junction is now home to several light manufacturing and service industries, two hospitals, a regional airport, and a number of recreational opportunities.

Department Funding

The Grand Junction Fire Department is funded through the City of Grand Junction’s General Fund. The Fire Department received 27% of the overall City General Fund in 2021’s budget. The total general fund budget is \$81.3 million for 2021.



Sales and use tax revenues are the major source of revenues for general government operations and general government capital. Much of that revenue is derived from the City’s 3.25% sales and use tax.



The Grand Junction Fire Department’s approved budget has shown an increase over the last five years. The approved budget for each year is stated below:

- 2016 - \$16.54 million
- 2017 – \$15.98 million
- 2018 – \$17.26 million
- 2019 – \$18.72 million
- 2020 – \$21.2 million
- 2021 – \$21.8 million

Since 2016, Grand Junction Fire Department has had an increase in its operating budget of \$4.66 million or a 28.17% increase in its operating budget.

The City of Grand Junction is subject to funding restrictions. The Taxpayer Bill of Rights (TABOR) is an amendment to the Colorado State Constitution that places limits on the amount of revenue a government can collect and spend and requires voter approval for certain changes in tax policy. The TABOR Amendment has three main components. First, the amendment requires that all new taxes be approved by the voters. Second, it requires that any new debt is also approved by voters. Finally, TABOR specifies that revenue growth is limited by the combination of Front Range CPI index and a local growth index. Because of the recent recession that significantly decreased sales tax revenues and the subsequent slow recovery of those revenues, the TABOR excess has primarily come from property tax and has averaged \$1.3 million per year based on an average 3.7% allowed growth. Local revenue growth is limited to annual growth plus inflation for the prior year.

In April 2019, the voters of Grand Junction approved a sales tax measure in the amount of 0.50% to fund needed fire stations and staffing. With the passage of the first responder tax the department will be adding three new fire stations at an estimated capital cost of \$17



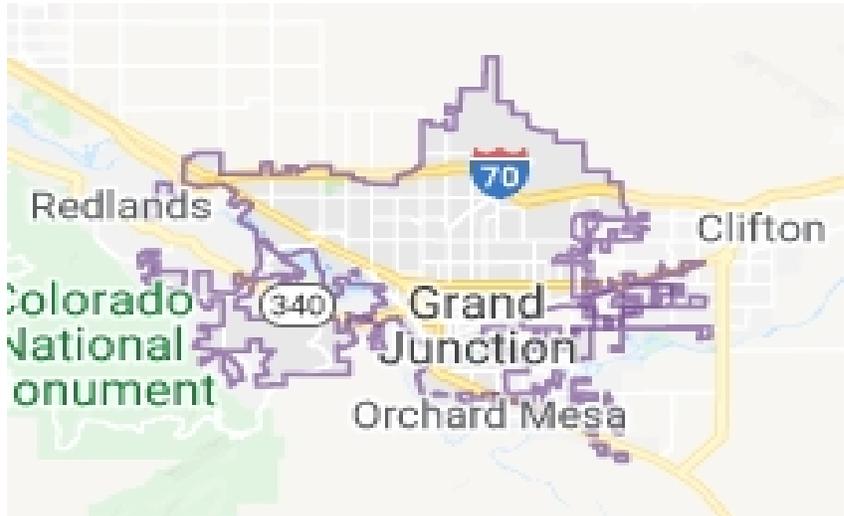
million. Furthermore, with the passage of the first responder tax, an additional \$6.3 million will be provided each year to staff the new stations.

Area Served

Grand Junction, Colorado is the gateway to the mountains and canyonlands of western Colorado and eastern Utah.

Centrally located between Denver, Colorado (250 miles

east) and Salt Lake City, Utah (270 miles west), Grand Junction is surrounded by 1.2 million acres of public lands and has easy access to the Rocky Mountains and western Colorado's incredible landscape.



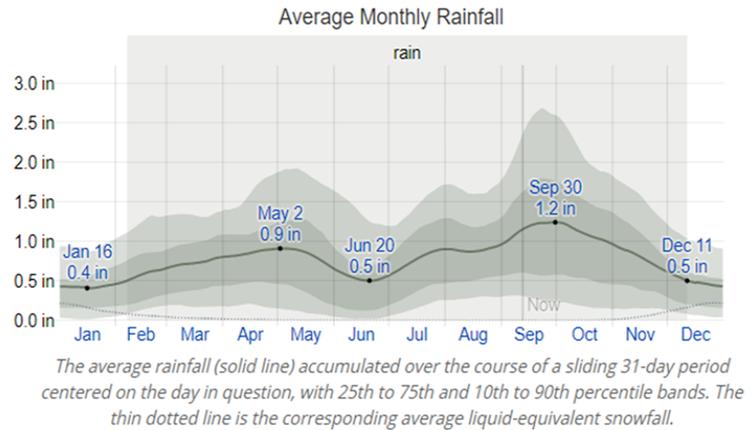
To the northeast, the weathered Little Book Cliffs cut across the skyline and are a prominent series of cliffs that define the northern side of the Grand Valley. To the east soars the Grand Mesa, the world's largest flat-topped mountain, and home to over 300 natural lakes. On the western side sits the photogenic canyons and monoliths of the Colorado National Monument. In between these three natural barriers sprawls western Colorado's Grand Valley including the City of Grand Junction and the Town of Palisade to the east and City of Fruita to the west.

Grand Junction is in the western portion of Mesa County, Colorado. Mesa County encompasses 3,341 square miles or 2,138,287 acres of which 577,497 acres are private lands, 1,556,246 are federal lands, 3,729 acres are state lands, and 816 acres are county land. The estimated population of Mesa County is 153,207, which is the 11th most populous county in the state of Colorado. Grand Junction covers 39.64 square miles. Mesa County is considered the hub of Colorado's wine country as well as a diverse agriculture community. Furthermore, Grand Junction is recognized as an outdoor enthusiast destination as there are many biking trails, hiking trails, river activities on the Colorado River, and many more activities.



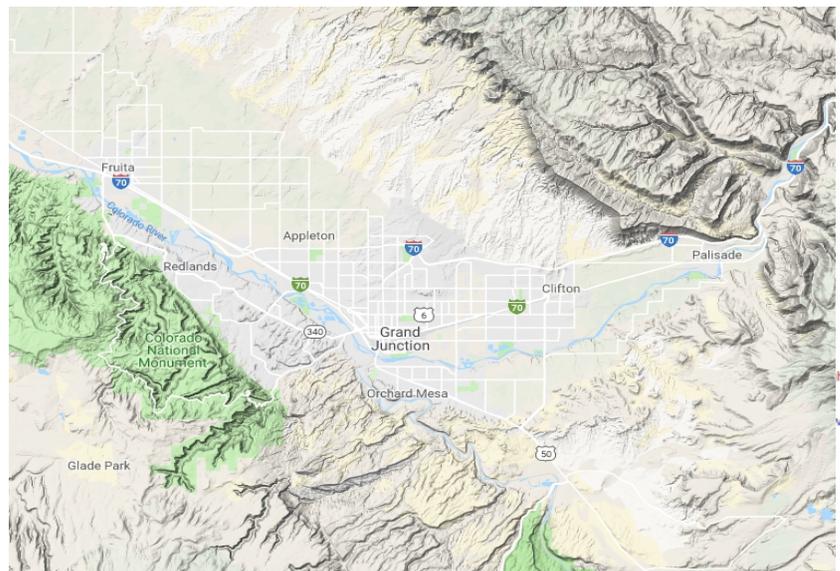
Climate

The climate in Grand Junction is indicative of the weather in the high desert. The summers are hot and mostly clear; the winters are short, very cold, and partly cloudy. Over the course of the year, the temperature typically varies from 20°F to 94°F and is rarely below 6°F or above 100°F. The rainy period of the year lasts for 10 months, from February 7 to December 11, with a sliding 31-day rainfall of at least 0.5 inches. The most rain falls during the 31 days centered around September 30, with an average total accumulation of 1.2 inches. The rainless period of the year lasts for 1.9 months, from December 11 to February 7. The least rain falls around January 16, with an average total accumulation of 0.4 inches.



Topography

The City of Grand Junction is in a river valley located in west-central Colorado between the Roan Plateau and the San Juan Mountains, 250 miles west of Denver, and just east of the Utah border. This valley is commonly referred to as the Grand Valley, which encompasses the City of Fruita, the City of Grand Junction, the City of Palisade, and the unincorporated towns of Clifton, Redlands, Mack, and Loma. The City of Grand Junction is 39.64 square miles, and Grand Junction Fire





Department has a fire service area of 83.5 square miles and an ambulance service area of 649 square miles. These areas include rural areas outside the City of Grand Junction such as the Colorado National Monument, the unincorporated town of Glade Park. Across the valley, there is an abundance of agricultural land, most is outside GJFD jurisdiction, however, to the northwest corner of the City, there is agricultural land towards Fruita. The average elevation in the City is 4,856 feet. Grand Junction is bordered to the north by the Book Cliffs, to the southwest by the Colorado National Monument, and to the southeast by the Grand Mesa.

The Book Cliffs bordering the valley in the north rise sharply to an elevation of nearly 6,700 feet. These desert mountains are formed from Mancos Shale which offers little home to vegetation and rapidly expands when wet, which makes travel nearly impossible. The

Colorado National Monument to the south is defined by deep red sandstone monoliths set against shear-walled canyons some of which reach elevations of 7,000 feet and are dotted throughout the 20,000 acres of the park. The Grand Mesa covers an area of about 500 square miles making it the largest flat-topped mountain in



the world, extending over 11,000 feet. The unincorporated community of Glade Park is seated on the south boundary of the Colorado National Monument and reaches an elevation of 6,800 feet and is home to a little over 1,000 people. These landscapes provide sanctuary to many as well as serve as points of learning and recreation.

The native vegetation that is most prevalent in Grand Junction is pinyon-juniper, Rio Grande cottonwood, rabbit brush, and big sagebrush. Along the rivers, invasive



tamarisk and Russian olive have overgrown native plants and now densely populate the shorelines. These types of vegetation grow best in the semi-arid climate of the Grand Valley; however, these kinds of dry vegetation can fuel brush fires especially during hot summers.

The City is located along the Colorado River, at its confluence with the Gunnison River which comes in from the south. Both rivers are quick flowing, with the Colorado River having a median daily discharge of 1,720 cubic feet per second and the Gunnison River with a median daily discharge of 1,060 cubic feet per second. Although these rivers are enjoyed for recreation, they are frequent regions for rescues and fatalities.

The Grand Valley's unique array of features attract wide ranges of people. These natural features stimulate the economy by bringing tourism from outdoor enthusiasts, enticing agriculture partisans to visit the copious orchards and festivals across the valley, and by captivating the imaginations of prospective residents.

Population

As of the 2010 census, there were 58,566 people, 25,668 households, and 14,223 families residing in Grand Junction. The Grand Junction Fire Department provides services to over 83,000 residents within the established boundaries of the City of Grand Junction and the Grand Junction Rural Fire Protection District. The racial makeup of the City is 92.7% White, 1.0% African American, 0.6% Native American, 1.4% Asian, 0.5% Native Hawaiian, 2.0% from two or more races, 1.8% Hispanic or Latino. The median age in the City is 35.50 years. 26.39% of the residents are below the age of 18 and 15.83% are 65 years of age or older. The gender make-up of the City is 49.29% male and 50.71% female.

The socioeconomic profile of Grand Junction can be characterized by moderate levels of population growth, educational attainment, and home values. The City attracts many middle to upper-middle income families moving to the area for the first time from



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surrounding cities. The following is a list of comparative statistical information for the City, based on the 2010 U.S. Census Bureau:

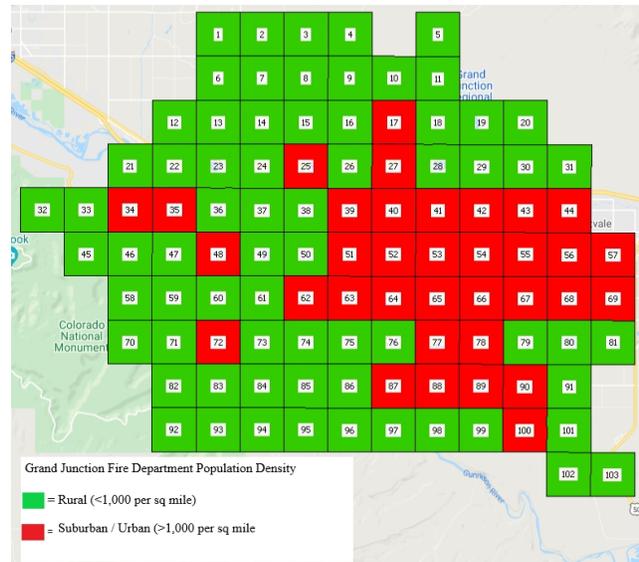
	City of Grand Junction	Mesa County	State of Colorado	United States
Median Age	35.50	38.20	36.20	37.40
Owner Occupied Housing Units	55.98%	65.00%	57.85%	56.34%
Bachelor Degreed Adults	19.34%	16.74%	23.74%	18.27%
Median Income Household	\$44,887	\$48,610	\$59,448	\$53,482
Families Below Poverty Level	12.83%	11.11%	8.84%	11.47%
Median Home Value	\$208,900	\$203,200	\$239,400	\$175,700

The established boundaries of the City of Grand Junction cover approximately 39.64 square miles. The US Census has established that there are approximately 1,532.4 residents per square mile within the boundaries of the City of Grand Junction. Grand Junction Fire Department defines population density as follows:

Rural: Population density less than 1,000 residents per square mile

Urban: Population density over 1,000 residents per square mile

The Community Risk Assessment and Standards of Cover 6th edition defines rural / urban as a densely settled core of census tracts and/or census blocks that meet minimum population density requirements, along with the continuous territory containing nonresidential urban land uses as well as territory with low





population density included to link outlying densely settled territory with the densely settled core. To qualify as a rural / suburban area, the territory identified per the criteria must encompass at least 1,000 people per square mile. As a result of this established definition and the information provided by the US Census the Grand Junction Fire Department jurisdiction is considered rural / urban.

Transportation

The City of Grand Junction has a total of 731.60 miles of roadways and over 90 bridges that are maintained by the City of Grand Junction Public Works Department. Between 2017 – 2022 the City of Grand Junction is investing over \$33 million in planned improvements to the street infrastructure. The City of Grand Junction’s Street Maintenance Program has the goal of improving the condition of our roads and streets with the interest of increasing the pavement condition index (PCI) from a rating of 69 to a more sustainable 73. The PCI ranges from 0 (no road) to 100 (newly constructed road). After the first four years of the program, a recent PCI study rated the City’s street network at a 72 – placing the City in good standing on its goal to increase PCI to 73 by 2022.

The City of Grand Junction lies along Interstate 70 and U.S. 6 & 50. Interstate 70 is the primary link between the east coast and the west coast and is known as the transcontinental highway. Per the Colorado Department of Transportation roadway statistics, the section of Interstate 70 that runs through Grand Junction between 2016-2020 saw an average of 1,097,927 vehicles traveling through on an annual basis. Of those vehicles 172,096 were large trucks or semi-trucks that passed through Grand Junction on an annual basis. Interstate 70 is a part of the U.S. Highway System that travels from West Sacramento, California, to Ocean City, Maryland. U.S. 50 is also a major highway crossing through the lower midsection of the state. It connects the Western Slope with the lower Front Range and the Arkansas Valley. The highway serves the areas of Pueblo and Grand Junction as well as many other smaller areas along its corridor. These highways are maintained by the Colorado Department of Transportation.



Grand Valley Transit provides community transit in the form of 11 fixed bus routes throughout the region, a dial-a-ride program and paratransit service. The ride services that are provided by Grand Valley Transit are offered Monday through Saturday 0500-2000 hrs. Bustang, operated by Colorado Department of Transportation, has two routes serving Grand Junction originating in Durango and Denver respectively. In 2019, these two routes combined served 76,118 riders. The services that Grand Valley Transit and Bustang provide meet the transportation needs of the community.

Union Pacific Railroad operates a main line through the City of Grand Junction that serves as the central corridor for rail traffic in the region as well as an established rail yard. This rail line provided for the ability for Union Pacific to transport commodities such as grain, automobiles, consumer and manufactured goods, coal, and energy development



products. Amtrak also operates the California Zephyr on the Central Corridor and provided transportation between Chicago, Illinois and San Francisco, California.

Airline service is provided through the Grand Junction Regional Airport (GJRA) encompasses 2,357 acres and is categorized by the Federal Aviation Administration as a non-hub commercial airport. Currently, the airport is served by seven airlines to include Delta, United, Frontier, Denver Air Connection, American Airlines, Allegiant, and Avelo. In 2020 the airport saw a total of 145,841 enplanements or total number of people that departed GJRA and 148,419 deplanements or total number of people that arrived at GJRA. Furthermore, the airport ships 9,281,616 pounds of cargo on an annual basis. The Airport along with aviation related businesses and facilities, represent a vital and significant



regional economic asset. Fire protection is provided by the airport and GJFD provides operational support as needed.

Development

Several new developments to include, the Riverfront at Los Colonias and Riverfront at Dos Rios, will offer a pedestrian friendly environment not often found in a community of our size. Riverfront at Dos Rios offers a mixed-use development with opportunities for light industrial makers' spaces, residential and lifestyle commercial, office, retail, dining, and experiential services. Dos Rios includes riverfront parks and infrastructure focused on the unique riverfront experience, walkable places, public space, and entrepreneurial craft, funk, and style. The Riverfront at Las Colonias Park offers outdoor recreation companies a location option geared toward wellness, community, and unparalleled outdoor access. Along with these developments Mesa Mall is also working to expand its shopping options for the region and is drawing in large regional shopping experiences to include the addition of Dillard's, Dicks Sporting Goods and Home Goods.

The City of Grand Junction is planning on growth within the northwest corner of the City boundaries as well. This area has been identified as a critical area where additional services need to be planned for. As a result of this issue the City has secured funding for the construction of Fire Station 7 in this area, and it is projected to open in 2024.

Resiliency

According to Public Library of Science, resiliency can be broken down into several categories, including community networks and relationships, communication, health, mental outlook, preparedness, resources, and economic investment. Grand Junction Fire Department considers both internal and external community resiliency when evaluating our organization.

Internal Resiliency

Like any organization, the agency continually faces changes, hurdles, and challenges, but through building depth in resiliency, has confidence that the agency can overcome those challenges when they arise.



GJFD is proud to have a strong sense of connectedness in the organization. Currently 89% of on-line personnel are members of IAFF Local 2808. The leadership of the union is proactive and engaged with personnel decisions, most notably pushing the department to explore and adopt the Fire and Police pension association retirement, membership in the State Cardiac & Cancer Trust, and evaluating a trial period of a 48/96 schedule to determine the impacts on quality of life for line personnel. The Union is also involved in charitable efforts in the community through their work in the fire service. Community Outreach is engaged at the national level, recently taking part in the NFPA Community Risk Assessment Pilot project, having the opportunity to learn from and contribute to the future success of CRR across the county. GJFD Chiefs are currently contributors and leaders for professional organizations at the county, state, regional, and national level.

The Department is continually looking for opportunities to improve internal communication. Daily shift calls expanded in 2018 to include neighboring departments with which the agency exchanges mutual aid on a weekly basis. With the exception of temporary COVID restrictions, crews can expect to see a Deputy Chief at the stations once a month, and looking forward, the Chief will be visiting all crews quarterly. In 2020, the department implemented the use of Microsoft Teams leading to quick and efficient communications, especially for Administration. As a result of COVID, Polycom video conferencing cameras were also installed in the stations to allow crews to meet remotely and remain in their districts more.

GJFD employees have robust physical and mental health services available to them and their families. In 2019 the City of Grand Junction opened a full-service medical clinic serving only the employees of the City of Grand Junction. This includes services for annual biometric screenings, urgent care, mental health, and all the services of a primary care physician. For mental health, the department began a peer support team in 2016, and in 2020 has three trained individuals each shift, and access to a counselor specializing in trauma whose time is compensated by the department, not the individual. As the department grows, it is expected that the peer support team will also see a need to expand. Employees and their families also have access to an Employee Assistance Program, offering a variety of counseling and coaching free of charge. During



COVID, and moving into the post-COVID world, the City of Grand Junction created a Learning Center to support employees with school age children in balancing remote work and learning; as of 2021, the Learning Center is still in operation to support City families. Lastly, all crew members participate in an annual physical exam to ensure they are healthy for the job.

As an organization GJFD is preparing for the future. In 2019, the community voted to support a First Responder sales tax, allowing the department to build three new stations and hire 60 personnel to staff them by 2024. In 2020, a regional training and live burn facility, managed by GJFD, was completed. The Office of Emergency Management for the City of Grand Junction is housed within GJFD, and regularly participates in exercises that prepare our organization for responses to disasters. During the pandemic, emergency management played a critical role in the success of the City as a whole, having already completed a continuity of operations plan for the City in 2008. Plans for continued delivery of services among the ten City departments only needed to be updated for the nuances of COVID-19. Similarly, having the OEM in the Fire Department allowed the department the opportunity to build strong connections with public health, hospitals, and county officials that afforded the insight to create responsive operating guidelines to keep our workers and our community safe.

Community Resiliency

One of the top priorities of the 2018-2020 Mesa County Public Health Needs Assessment was to create a more socially and emotionally connected community. This, in part is a result of two major trends in the County: the age group of 65+ is the fastest growing demographic in the county, and the suicide rate in Mesa County as of 2017 was nearly double the national average. Since the report, organizations in Grand Junction have invested in mental health resources, including the aforementioned resources for GJFD employees. For the community, our Mental Health Hospital expanded in 2019 to include a 32-bed inpatient facility, and local law enforcement created a Co-Responder program in 2018 that pairs a mental health specialist with an officer to respond to mental health crises, de-escalate, and provide ongoing resources to clients. In 2019 GJFD piloted a social work intern program, serving patients with high call frequency with life skills coaching and resources to improve their social determinants of health.



While the agency may never again experience a global pandemic, the governance, leadership, and economic investment in our community was strengthened in ways that are expected to benefit our community for years to come. Working collectively, the 10 departments of the City operated in the Incident Command structure for three months to collaboratively continue delivering critical services to our community. GJFD also operated at the County and State level, building lasting working relationships with other critical and healthcare services. Over the course of 2020, the City of Grand Junction invested \$1.3 million dollars directly into local businesses and created stimulus programs to encourage City employees to support local business.

Existing relationships and regular meetings with local media and other public information officers, allowed GJFD Outreach to support timely public information, becoming more unified and robust during the pandemic, and similarly building collaboration between GJFD and other organizations serving our community. As a result of working together in the pandemic, within the Joint Information System there is a renewed emphasis on multi-agency training and collaboration to improve the efficacy of information and services in the community.

In addition to traditional mutual aid agreements for emergency services, Grand Junction is fortunate to have a multitude of social services and non-profits supporting the mission of GJFD including; resources for the homeless and elderly, a local chapter of the Red Cross supporting sound the alarm, a collaborative wildfire coalition, and a local group of citizens that came together in the pandemic with a co-op approach to helping struggling individuals meet their basic needs.



Section 2 – Services Provided

Service Delivery

The Grand Junction Fire Department is a career organization that serves the public from six fire stations that are staffed 24 hours a day, seven days a week. Current department staffing stands at 150 personnel with 131 full time equivalent operations personnel and 19 full-time equivalent administrative personnel.

The Grand Junction Fire Department is an all-hazard agency delivering the following services:

- Fire suppression
- Emergency medical response and transport at both the advanced and basic life support level
- Hazardous materials technician response
- Wildland firefighting team
- Technical rescue response to include advanced extrication, swift water rescue, ice rescue and rope rescue
- Explosive ordinance disposal response (joint response with Grand Junction Police Department)
- Emergency management services
- Fire investigations
- Public fire education
- Fire prevention

Grand Junction Fire Department is led by a Fire Chief who is appointed by the City Manager with administrative support staff which include the Deputy Chief of Operations, the Deputy Chief of Administration, EMS Chief, Fire Marshal, Battalion Chief of Administration, two training captains, two senior administrative assistants, three fire prevention specialists, two community outreach specialists, fire inspector / investigator, a logistics technician, and one administrative assistant. The Deputy Chief of Administration manages the training programs, community



outreach, directs emergency management citywide, and other human resource duties. The Deputy Chief of Operations manages three operations shifts. The Fire Marshal supported by the fire prevention specialists and fire investigator / inspector oversees all aspects of fire prevention to include plan reviews, inspections, fire investigations, and code enforcement.

The three operations shifts have 43 personnel assigned to them and staff six fire apparatus and seven ambulances led by a battalion chief and an EMS officer. One of the ambulances is staffed as a day ambulance and handles interfacility transfers to free up the other five ambulances for emergency response. Minimum staffing on each shift is 33 personnel. Each shift works for 48 hours at a time and 96 hours off. Each station is led by a captain who operates as the station supervisor and the company officer.

All sworn personnel on the department are trained to the emergency medical technician – basic level, but the department heavily emphasizes and supports paramedic certification. The department currently has 32 full-time equivalent paramedics to ensure proper staffing of advanced life support ambulances and fire companies.

The department has established automatic aid agreements with two neighboring fire districts and a countywide mutual aid agreement with the remaining departments in the county. These agreements allow for large event staffing and system overload coverage. A regional dispatch center utilizes computer aided dispatch systems to ensure consistent coverage.

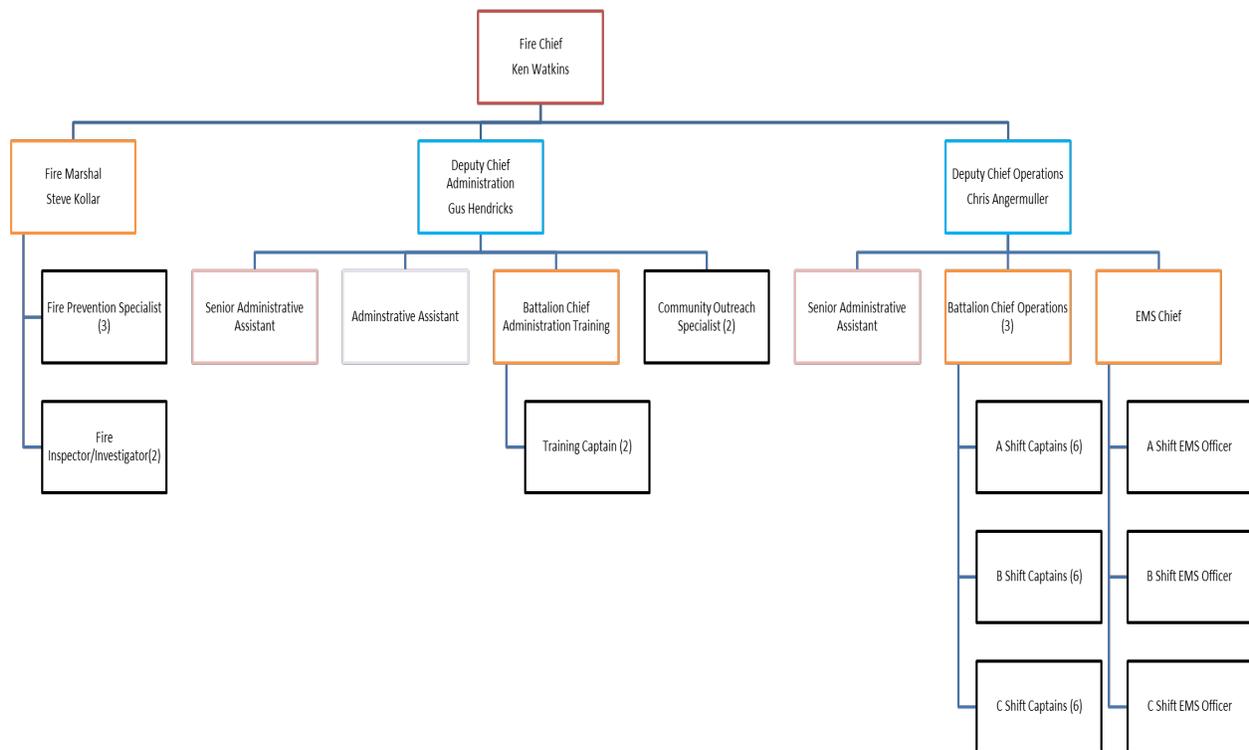
The department provides first responder and hospital transport for emergency medical services (EMS) to all incidents within the Grand Junction Ambulance Service Area (ASA). The ASA includes the City of Grand Junction, Grand Junction Rural Fire Protection District and Glade Park. The department provides advanced life support (ALS) level response to specific call types within the ASA. All other call types receive a basic life support (BLS) response. Automatic and mutual aid EMS response is also provided to and received by other county departments in accordance with auto and mutual aid agreements.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT STANDARDS OF COVER – 6TH EDITION

The department serves as the Designated Emergency Response Authority (DERA) for hazardous materials responses within Mesa County as well as the Bureau of Land Management (BLM) lands across western Colorado. The department ensures that all hazardous materials incidents are properly mitigated and cleaned up by an approved contractor.

Organizational Chart





Mission, Vision and Values

Mission:

To serve the community through emergency response and risk reduction. Our actions will be guided by purpose-driven decisions supporting growth and safety while investing in relationships and continuous professional development.

Vision:

We pursue excellence in public service with efficient service delivery, utilizing sustainable planning and promoting organizational evolution while being responsible with community resources.

Values:

Integrity – We uphold the public trust through honesty and strong moral principles.

Empathy – We care about the wellbeing of the members of our organization and community.

Professionalism – We demonstrate the best of knowledge, competence, and expertise to serve the needs and expectations of the community.



Stations, Apparatus, and Staffing

The Grand Junction Fire Department consists of six active fire stations that provides services to its customers. Below you will find a listing of each station with address as well as the front line and reserve equipment that are stationed there.

Station # 1 – 620 Pitkin Avenue, Grand Junction, CO



The construction of Fire Station 1 was completed and went into service in September of 1963. Fire Station 1 has undergone three station remodels during 1977, 1994 and 2013 to update the facilities. Fire Station 1 protects the downtown area which has less dense residential areas but experiences an increase in daytime population due to an influx of daytime employees including both City and county complexes. The first response area for Fire Station 1 includes 14 planning zones. The population within Fire Station 1's primary response area is 11,242 with 4,932 residential housing units. Fire Station 1 does have access to the I-70 Business loop as well as Highway 50 within its response district.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

	Location	Front Line Equipment	Unit Number	Maximum Staffing	Minimum Staffing
Station #1	620 Pitkin Avenue, Grand Junction CO 81501	100' Ladder	Truck 1	4	3
		Command Vehicle	Battalion 1	1	1
		ALS/BLS Ambulance	Ambulance 1	2	2
		Heavy Rescue	Rescue 1	Cross Staffed	Cross Staffed
		EMS Supervisor	Medic 1	1	1

Station 1 Call Risk Response Statistics 2017-2020

	EMS	Fire	Hazardous Materials	Technical Rescue
Maximum		5% n=18		
High	0% n=21	9% n=36	0% n=0	0% n=0
Moderate	5% n=394	24% n=93	5% n=7	93% n=13
Low	95% n=7,608	63% n=247	95% n=123	7% n=1

All incidents categorized as EMS, Fire, Hazardous Materials, Technical Rescue including emergent and non-emergent between 2017-2020 shown were mapped with current stations 1-6 boundaries. Calls classified as excluded are not shown here. Percent are calculated as a total within each category. n=8,561.

Where Station 1 Apparatus Respond as 1st on Scene by Capability 2017-2020

	Station 1	Station 2	Station 3	Station 4	Station 5	Station 6
AM1	53%	7%	9%	23%	7%	0%
AM11	46%	13%	10%	24%	7%	0%
BT1	31%	26%	20%	16%	6%	0%
MED1	30%	28%	19%	16%	6%	0%
RS1	38%	18%	17%	13%	15%	0%
TK1	79%	9%	5%	6%	1%	0%

Data shown represent all apparatus responses from apparatus currently housed at Station 1 between 2017-2020 within station boundaries as they have existed in that timeframe. Re-naming of apparatus in 2020 is reflected here and was accounted for. Notably in 2020 AM4 began being staffed sporadically in place of AM11.



Station # 2 – 2827 Patterson Road, Grand Junction, CO



The construction of Fire Station 2 was completed and went into service in August of 1992. The first response area for Fire Station 2 includes nine demand zones. The population within Fire Station 2’s primary response area is 23,747 with 10,960 residential housing units. Fire Station 2 does have access to Interstate -70 Business loop as well as Interstate - 70 within its response district.

	Location	Front Line Equipment	Unit Number	Maximum Staffing	Minimum Staffing
Station #2	2827 Patterson Road, Grand Junction, CO 81504	Engine	Engine 2	4	3
		ALS/BLS Ambulance	Ambulance 2	2	2
		ALS/BLS Ambulance	Ambulance 12	2	2



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Station 2 Call Risk Response Statistics 2017-2020

	EMS	Fire	Hazardous Materials	Technical Rescue
Maximum		4%		
		n=18		
High	0%	11%	0%	0%
	n=26	n=53	n=0	n=0
Moderate	3%	28%	2%	83%
	n=416	n=129	n=3	n=5
Low	97%	57%	98%	17%
	n=12,374	n=261	n=187	n=1

All incidents categorized as EMS, Fire, Hazardous Materials, Technical Rescue emergent and non-emergent between 2017-2020 shown were mapped with current stations 1-6 boundaries. Calls classified as excluded are not shown here. Percentages are calculated as a total within each category. n=13,473.

Where Station 2 Apparatus Respond as 1st on Scene by Capability 2017-2020

	Station 1	Station 2	Station 3	Station 4	Station 5	Station 6
AM12	6%	82%	9%	2%	1%	0%
AM2	4%	83%	10%	2%	0%	0%
EN2	3%	91%	5%	1%	0%	0%

Data shown represent all apparatus responses from apparatus currently housed at Station 2 between 2017-2020 within station boundaries as they have existed in that timeframe. Re-naming of apparatus in 2020 is reflected here and was accounted for. Notably in 2020 AM4 began being staffed sporadically in place of AM11.



Station # 3 – 582 25 ½ Road, Grand Junction, CO



The construction of Fire Station 3 was completed and went into service in July of 1975. The first response area for Fire Station 3 includes 26 demand zones. The population within Fire Station 3’s primary response area is 17,670 with 7,924 residential housing units. Fire Station 3 does have access to Interstate -70 within its response district.

	Location	Front Line Equipment	Unit Number	Maximum Staffing	Minimum Staffing
Station #3	582 25 ½ Road Grand Junction, CO 81505	Engine	Engine 3	4	3
		Reserve Engine	Engine	0	0
		ALS/BLS Ambulance	Ambulance 3	2	2
		Haz-Mat Trailer	Haz-Mat 3	2	2



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Station 3 Call Risk Response Statistics 2017-2020

	EMS	Fire	Hazardous Materials	Technical Rescue
Maximum		5%		
		n=15		
High	0%	9%	0%	0%
	n=17	n=29	n=0	n=0
Moderate	5%	32%	5%	75%
	n=386	n=103	n=7	n=6
Low	95%	54%	95%	25%
	n=8,070	n=171	n=125	n=2

All incidents categorized as EMS, Fire, Hazardous Materials, Technical Rescue emergent and non-emergent between 2017-2020 shown were mapped with current stations 1-6 boundaries. Calls classified as excluded (non-emergent) are not shown here. Percentages are calculated as a total within each category. n=8,931.

Where Station 3 Apparatus Respond as 1st on Scene by Capability 2017-2020

	Station 1	Station 2	Station 3	Station 4	Station 5	Station 6
AM13	22%	36%	31%	7%	4%	0%
AM3	5%	8%	72%	2%	12%	0%
EN3	4%	10%	83%	1%	2%	0%
HZ3	31%	38%	23%	0%	8%	0%

Data shown represent all apparatus responses from apparatus currently housed at Station 3 between 2017-2020 within station boundaries as they have existed in that timeframe. Re-naming of apparatus in 2020 is reflected here and was accounted for. Notably in 2020 AM13 was renamed AM16 with the opening of Station 6 on 11/9/2020.



Station # 4 – 2884 B ½ Road, Grand Junction, CO



The construction of Fire Station 4 was completed and went into service in 2016. The first response area for Fire Station 4 includes 16 planning zones. The population within Fire Station 4’s primary response area is 18,730 with 7,465 residential housing units. Fire Station 4 has access to Highway 50 within its response district.

	Location	Front Line Equipment	Unit Number	Maximum Staffing	Minimum Staffing
Station #4	2884 B ½ Road Grand Junction, CO 81503	Engine	Engine 4	4	3
		Reserve Engine	Reserve Engine 4	0	0
		ALB/BLS Ambulance	Ambulance 4	2	2
		Brush	Brush 4	Cross Staffed	Cross Staffed
		Air Trailer	Air Trailer	Cross Staffed	Cross Staffed



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Station 4 Call Risk Response Statistics 2017-2020

	EMS	Fire	Hazardous Materials	Technical Rescue
Maximum		2%		
		n=8		
High	0%	16%	0%	0%
	n=6	n=54	n=0	n=0
Moderate	4%	27%	2%	75%
	n=190	n=93	n=2	n=6
Low	96%	55%	98%	25%
	n=4,801	n=186	n=92	n=2

All incidents categorized as EMS, Fire, Hazardous Materials, Technical Rescue emergent and non-emergent between 2017-2020 shown were mapped with current stations 1-6 boundaries. Percentages are calculated as a total within each call type column. n=5,440.

Where Station 4 Apparatus Respond as 1st on Scene by Capability

	Station 1	Station 2	Station 3	Station 4	Station 5	Station 6
AM4	8%	4%	2%	84%	2%	0%
BR4	9%	12%	13%	64%	2%	0%
EN4	3%	2%	1%	94%	0%	0%

Data shown represent all apparatus responses from apparatus currently housed at Station 4 between 2017-2020 within station boundaries as they have existed in that timeframe. Re-naming of apparatus in 2020 is reflected here and was accounted for. Notably in 2020 AM4 began being staffed sporadically in place of AM11.



Station # 5 – 2155 Broadway, Grand Junction, CO



The construction of Fire Station 5 was completed and went into service in May of 2004. The first response area for Fire Station 5 includes 25 fire planning zones. The population within Fire Station 5's primary response area is 12,973 with 5,534 residential housing units. Fire Station 5 has access to Highway 340 within its response district and portions of Highway 6 and 50 and the I-70 Business Loop.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

	Location	Front Line Equipment	Unit Number	Maximum Staffing	Minimum Staffing
Station #5	2155 Broadway, Grand Junction, CO 81507	Engine	Engine 5	4	3
		Reserve ALS Ambulance	Ambulance 5	0	0
		Reserve ALS Ambulance	Ambulance 3	0	0
		Water Tender	Water Tender 5	Cross Staffed	Cross Staffed
		Brush Truck	Brush 5	Cross Staffed	Cross Staffed
		Confined Space / Trench Trailer	Trailer 5	Cross Staffed	Cross Staffed

Station 5 Call Risk Response Statistics 2017-2020

	EMS	Fire	Hazardous Materials	Technical Rescue
Maximum		1% n=1		
High	0% n=4	10% n=17	0% n=0	0% n=0
Moderate	3% n=70	25% n=43	3% n=2	n=100% n=8
Low	97% n=2,501	65% n=112	97% n=74	0% n=0

All incidents categorized as EMS, Fire, Hazardous Materials, Technical Rescue between 2017-2020 shown were mapped with current stations 1-6 boundaries. Calls classified as excluded are not shown here. Percent are calculated as a total within each category. n=2,832.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Where Station 5 Apparatus Respond as 1st on Scene by Capability 2017-2020

	Station 1	Station 2	Station 3	Station 4	Station 5
AM5	9%	6%	24%	5%	56%
BO5	58%	0%	0%	25%	17%
BR5	29%	5%	27%	8%	30%
EN5	4%	1%	10%	1%	85%
WT5	19%	0%	29%	29%	24%

Data shown represent all apparatus responses from apparatus currently housed at Station 5 between 2017-2020 within station boundaries as they have existed in that timeframe. Re-naming of apparatus in 2020 is reflected here and was accounted for. Notably in 2020 AM4 began being staffed sporadically in place of AM11.



Station # 6 – 729 27 Road, Grand Junction, CO



The construction of Fire Station 6 was completed and went into service in November of 2020. The first response area for Fire Station 6 includes 11 fire planning zones. The population within Fire Station 6’s primary response area is 8,423 with 4,201 residential housing units. Fire Station 6 has access to Interstate-70 and was the first station to be built under the First Responder Tax that passed in 2019.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

	Location	Front Line Equipment	Unit Number	Maximum Staffing	Minimum Staffing
Station #6	729 27 Road, Grand Junction, CO 81507	75' Quint	Truck 6	4	3
		Reserve Engine	Reserve Engine 4	0	0
		ALS Ambulance	Ambulance 6	2	2
		Day Ambulance	Ambulance 16	2	2
		Brush	Brush 6	Cross Staffed	Cross Staffed
		ATV's	ATV 1 & 2	Cross Staffed	Cross Staffed

Station 6 Call Risk Response Statistics 2017-2020

Station 6 was recently opened during the third quarter of 2020. As a result, there has not been one full year of data analysis and therefore no information is presented here.

Where Station 6 Apparatus Respond as 1st on Scene by Capability

Station 6 was recently opened during the third quarter of 2020. As a result, there has not been one full year of data analysis and therefore no information is presented here.



Section 3 – Community Expectations and Performance

The Fire Department’s Community Risk Assessment and Standards of Cover for Emergency Response document incorporates the community’s expectations for the agency and the expected levels of performance defined by the citizens. These expectations have been defined through the strategic planning process as well as the input provided from external stakeholder feedback.

The input received during the outlined Community Driven Strategic Planning Process supports the mission and vision and are in alignment with the values identified by our personnel as critical to organizational success.

Through the Community Driven Strategic Planning Process, the agency determined what the community expects of its fire and emergency services organization. This understanding is critically important to the agency’s development of both short-range and long-range goals. Understanding the needs of the community and the expectations of the citizens, a focused emphasis can be placed on those areas of need which have been identified as deficient or in need of improvement within the community.

In addition to defining their expectations, the participants offered their support in that 96.5% stated that the established response time standards met their personal expectations. However, when responding to the question “What can the fire department do to better serve the City?” Many of the responses said that the fire department does a satisfactory job, but they would like to see additional stations to cut down on response time, more public presence, and to supplement revenues for operations. Of those that had suggestions, the most common included ideas on efficiency, such as continuing to grow and staff within the community. Several comments also wanted more public education on CPR and fire safety. Some weaknesses or negativity may also be misperceptions of the customers based upon a lack of misinformation.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Looking at both the expectations of the stakeholders as well as their concerns provided the agency a different perspective in that the community’s understanding of what services are offered and how well those expected services are delivered by the agency.

As part of the process, external stakeholders were given the task of prioritizing service offered by the fire department. The table below illustrates the responses that were received.

Ranking	Score	Program
1	7.97	Fire Suppression
2	7.78	Emergency Medical Services (EMS)
3	5.76	Fire Prevention / EMS Safety Education
4	5.62	Technical Rescue
5	4.50	Hazardous Materials Mitigation
6	4.22	Fire Inspection
7	3.03	Domestic Preparedness



Community Driven Goals and Objectives

Grand Junction Fire Department followed up its strategic planning process with the creation of specific goals and objectives designed to meet the expectations of both the community external stakeholders and the department internal stakeholders.

Goal 1: Service Delivery – Deploy and manage our resources effectively to provide a full spectrum of services to the community through, people, equipment, and infrastructure.

- A. Objective: Develop a service delivery plan that outlines staffing.
- B. Objective: Increase the delivery of emergency medical services in the community.
- C. Objective: Explore and implement technology to enhance communication data collection and performance measurement.
- D. Objective: Administratively evaluate and determine projected growth determinations though the Standards of Cover and response goals of NFPA 1710

Goal 2: Community Risk Reduction – Define an effective community communication and outreach program to prepare the community and improve its safety while investing in opportunities to engage with our citizens.

- A. Objective: Identify target hazards and risk within the community through community risk reduction.
- B. Objective: Identify, develop, implement, and evaluate strategic, focused community risk reduction programs to address issues facing the jurisdiction and the department.
- C. Objective: Increase the effectiveness of the fire inspection program.



Goal 3: Administration / Human Resources – Achieve improved levels of health and safety, culture and ensure that the staffing needs of the agency are met for the future of the agency.

- A. Objective: Enhance health and safety of all department members.
- B. Objective: Develop comprehensive recruitment and retention plan to address current membership as well as ensure effective workforce for the future.
- C. Objective: Develop a comprehensive behavioral health initiative to aid all fire department employees.
- D. Objective: Ensure that cultural competency is integral to the way the department functions.

Goal 4: Build a foundation and provide advanced professional development through dedication for constant improvement. Focusing on the specialized needs and requirements of our members and citizens.

- A. Objective: Research, enhance, develop, and evaluate robust training programs.
- B. Objective: Commitment to employee development through leadership, tactical concepts, and task level superiority on all levels of the organization.
- C. Objective: Implement, design, and complete the training center at Whitewater Hill.

Goal 5: Meet the current and future demands of our changing community through partnerships, infrastructure, resource, and continuous improvement.

- A. Objective: Achieve International Accreditation through the Center for Public Safety Excellence.
- B. Objective: Define and commit to comprehensive expansion plan.
- C. Improve partnership opportunities with county fire agencies.

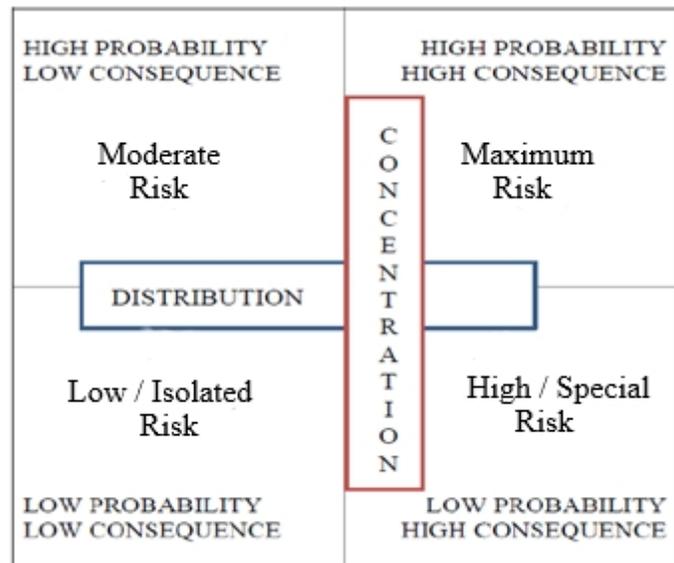


Section 4 – Risk Assessment

Risk is defined as an “exposure to a hazard based upon the probability of an outcome when combined with a given situation with a specific vulnerability” (CPSE, 2016). Simply stated, risk is a measurement of the probability of an occurrence taking into consideration the severity or consequences of the event. The deployment of adequate resources to successfully mitigate an incident is directly proportional to the level of risk encountered. The severity and potential consequence for each incident type varies. The relationship between the frequency (probability) of an incident and the severity (consequence), along with corresponding risk as such require different resources for mitigation of the corresponding incident.

Probability of occurrence, or event frequency, is established through the quantification of national, state, and local historical incident data, which may be used to predict future events. The consequence or severity of the event is determined through local factors that include fatalities and injuries, total life safety concerns, size of the occupancy, property values, fixed protection systems, and overall community impact.

There is an inverse relationship between probability and consequence. Typically, high frequency events (hourly/daily) result in minor or low losses. Conversely, infrequent (rare/extraordinary) events result in major losses. Because of this relationship, consequences dictate the number of resource commitments more so than probability. Risk levels were categorized as low, moderate, high/special, and maximum.





The relationships between probability and consequence and the City’s service level goals determine the needed concentration and distribution of resources. Distribution is the number of resources placed throughout the City. Concentration is the number of resources needed in each area within the City. This varies depending on many factors including the number of events (calls) for service; the risk factors of the area; the availability, reliability, and time of arrival of secondary responding units. The challenge is to find the balance for the distribution and concentration of resources identified to effectively and efficiently meet the service level demands of the City.

Grand Junction Fire Department recognizes and plans response per the concept of “differential response.” The concept of differential response is a tiered system where the number and type of resources deployed is based upon the severity or risk level of the incident.

A critical element in the assessment of any emergency service delivery system is the ability to provide adequate resources for anticipated firefighting situations, medical emergencies, and other anticipated events. Each emergency requires a variable amount of staffing and resources to be effective. Properly trained and equipped fire companies must arrive, deploy, and mitigate the event within specific timeframes if successful emergency event strategies and tactical objectives are to be met. Each event, regardless of type, requires varying and unique levels of resources.

The higher the risk, the more resources that are often needed. Creating an appropriate level of service requires making decisions regarding the distribution and concentration of resources in relation to the potential demand placed upon them by the level of risk in the community.

The objective is to have a distribution and concentration of resources that can reach most events in the shortest period to begin to mitigate the emergency. There are many



components that impact the level of risk within the City of Grand Junction, and factor into the methods chosen to deploy resources throughout the community.

The purpose of a risk assessment is not only to evaluate risks and hazards in the City's response area but also to provide a basic methodology to evaluate existing response coverage. The process begins with the identification of community hazards and risks. Hazard is defined as a source of potential danger or an adverse condition; risk is defined as the possibility of loss or injury; the exposure to the chance of loss; the probability of an event multiplied by the significance of the consequence (impact) of the event = risk (risk = probability x impact). To determine the overall community risk and vulnerability, several areas must be assessed.

The distributions of resources are not influenced by risk because equity requires comparative response performance throughout the entire City to meet performance objectives. Distribution is influenced by street design, geography, and Insurance Services Office standards. As risk increases, so does the concentration of resources needed to mitigate a high-risk event. The types and number of resources, both apparatus and personnel, in each fire station will be more concentrated where risks are greater.

The true way to define levels of service and response is to assess the community that is being protected and the risk that is present. Many communities struggle with the development of a risk assessment tool in that most of the tools available are difficult to utilize and fail to be very locally definable. Not to mention that many communities consider this is a daunting, sometimes overwhelming process, especially for first time assessments, as is this risk assessment for the City of Grand Junction, which began in 2019. For a department to provide for and understand the establishment of the level of services, a coordinated and comprehensive assessment must be developed, maintained, and utilized for effective decision-making. Understandably, if a community fails to assess the risks within their community they will either fail to properly respond to the risk properly when needed or will expend resources to the wrong response areas. As stated previously, this is



a primary purpose for the completion of the risk assessment for the City of Grand Junction as the response model or methodology has remained unchanged for years even though the community itself, as well as the fire service, has changed immensely.

Fire Risk Prevention

Grand Junction Fire Department is aggressive in its fire prevention efforts. The City of Grand Junction has one of the most comprehensive fire inspection programs in the local area. Most commercial buildings are inspected annually, biennially, or triennially based on their level of risk. Grand Junction is comprised of approximately 90% residential and 10% commercial buildings. Grand Junction has 4,136 commercially zoned buildings including municipal, business, churches, schools, nursing homes, and medical facilities. There are currently over 4,000 occupancies that receive a fire inspection in the jurisdiction.

Approximately 25% of those occupancies are either fully or partially fire sprinklered.

All commercial buildings that have been pre-planned are contained within the department's cloud-based data management system which can be accessed from anywhere with an internet connection including apparatus mobile data terminals (MDTs). The Grand Junction Regional Communication Center also maintains a database of uploaded pre-plans from Grand Junction that are automatically attached to incident dispatch data in the MDTs.

The City of Grand Junction has required fire sprinkler systems in specific occupancies for many decades via municipal code. The code sets forth hydraulic calculations requiring adequate water supply for the sprinkler systems and additional hose allowances. This code can also require additional hydrants with established minimum flow based on the building's size. This is the process used to establish minimum fire flow requirements and total water supply needs. The code is also considered in the pre-incident planning process. Fire suppression water supply is highly reliable. The City of Grand Junction and Ute Water Conservancy District are responsible for all fire hydrants and supply. There are 1,206



hydrants in the boundaries of the City of Grand Junction with an average pressure of 68 psi. The City of Grand Junction produces 10.5 million gallons of treated water per day, which exceeds the single day maximum usage by more than 5.2 million gallons. Fire hydrant spacing meets Chapter Five and Appendix C of the 2018 International Fire Code with hydrants at a minimum of every 600 feet in residential areas and every 450 feet in commercial areas.

When looking at fire risk prevention it is also crucial to evaluate future growth and plan for that growth. One way to measure the growth is through the ongoing evaluation of commercial and residential building permits that have been issued. During the last five years the City of Grand Junction has seen a sizeable increase in its commercial and residential building permits. Commercial building permits observed an overall decrease of 45% from 2016 to 2020. Residential permits observed an overall increase of 38% from 2016 to 2020. A comprehensive breakdown of permits issued each year between 2016 and 2020 is included in the table below.

	2016	2017	2018	2019	2020
Commercial Permits	125	129	95	103	39
Commercial Permits REM/ALT/ADD	207	187	209	183	159
Residential Permits	325	521	525	532	532
Residential Permits REM/ALT/ADD	655	527	526	630	673

Critical Infrastructure and Target Hazards

An occupancy which has been categorized as a high-risk hazard or critical infrastructure and has: received a score of 35 or more after a GJFD Occupancy Hazard Risk Assessment has been conducted, or when it is determined that an occupancy and/or group of occupancies, if lost, would result in a significant impact on the community in social and economic terms.



Target hazards are assessed by assigned personnel with site visits, fire inspections, historical records, assessor records and internet mediums. There are currently 1,195 designated target hazards within the City limits of Grand Junction. Details of each target hazard's location and associated score are provided in the appendix as part of the planning zone assessments.

The Occupancy Hazard Risk Assessment is utilized to identify target hazards to prioritize occupancies or groups of occupancies for pre-incident planning services. These criteria are also be utilized for the purposes of deploying a Target Hazard Identification Program; which extends beyond simple fire inspections and is an assessment tool used in strategic planning initiatives and community risk reduction programs. The assessment of target hazards in pre-incident planning, strategic planning initiatives, and community risk reduction programs are designed to enhance safety for the public and fire personnel while providing an operational plan for the identification of occupancies to lessen the potential for loss of life, reduce property damage, and identify significant fire suppression problems, or other challenging scenarios in the event of a fire or other emergency event.

This program prioritizes occupancies or groups of occupancies which present the greatest potential for life, health, or property loss to be identified and evaluated accordance with the following criteria:

HAZARD ASSESSMENT SCORE CLASSIFICATIONS

1 TO 15 = LOW HAZARD

16 to 34 = MODERATE HAZARD

35 or Greater = HIGH HAZARD

COMMUNITY IMPACT DESIGNATION = CRITICAL HAZARD

This Target Hazard identification program ensures that emergency response is adequate, and personnel are aware of identified target hazards, and the hazards that each occupancy presents, to include but may not be limited to life safety hazards, rescue, and patient care problems, building construction, water supply requirements, apparatus access, hazardous materials, fire suppression problems and unsafe conditions for fire department personnel.



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Occupancy Hazard Risk Assessment

Risk Description	Hazard Points
Water Supply	
Hydrants available (within 1000 feet)	0
Hydrants are not available (within 1000 feet)	10
Predominant Construction Type	
Type I - Fire resistive	0
Type II - Non-combustible	1
Type III - Ordinary	2
Type IV - Heavy Timber	3
Type V - Wood Frame	4
NFPA Property Use Classification	
Assembly	6
Educational	4
Healthcare, Institutional, Detention, Correction	8
Residential	6
Business or Mercantile	4
Industrial, Utility or Defense	10
Manufacturing or Processing	10
Storage	2
Number of Above-Grade Floors	
1 - 2 floors above grade	0
3 - 6 floors above grade	2
More than 6 floors above grade	3
Height in Feet (from lowest point of vehicle access)	
1 - 30 feet	0
31 - 72 feet	2
More than 72 feet	3
Presence of Below-Grade Floors	
There are no floors below grade	0
There is at least 1 floor below grade	3
Total Square Footage	
1 - 7500 sf	0
7501 - 15000 sf	2
15001 - 25000 sf	3
25001 - 40000 sf	4
More than 40000 sf	5



Fire Critical Task Analysis

The Department strives to meet the requirements set forth in NFPA 1710 Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments. This standard contains minimum requirements relating to the organization and deployment of fire suppression, emergency medical operations, and special operations to the public by all career fire departments. This standard also contains general requirements for managing resources and systems such as: health and safety, incident management, training, communications, and pre-incident planning. This standard addresses strategic and system issues involving the organization, operation, and deployment of a fire department and does not address the tactical operations at specific emergency incidents. NFPA 1710 has established the following standard in chapter five for initial full alarm assignment. The fire department shall have the capability to deploy an initial full alarm assignment within 480 second travel time to 90 percent of the incidents. The initial full alarm assignment to a structure fire in a typical 2,000 square foot, two-story single-family dwelling without basement and with no exposures shall provide for the following:

- Establishment of incident command outside the hazard area for the overall coordination and direction of the initial full alarm assignment with a minimum of one individual dedicated to this task.
- Establishment of an uninterrupted water supply of a minimum of 400gpm for 30 minutes with supply line(s) maintained by the operator.
- Establishment of an effective water flow application rate of 300gpm from two hand lines, each of which has a minimum flow rate of 100gpm with each hand line operated by two individuals to safely and effectively maintain the line.
- Provision of one support person for each attack and backup line deployed to provide hydrant hookup and to assist in laying hose lines, utility control, and forcible entry.
- Provision for at least one search and rescue team with each such team consisting of a minimum of two individuals.
- Provision for at least one team, consisting of a minimum of two individuals, to raise ground ladders and perform ventilation.



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- If an aerial device is used in operations, one person to function as an aerial operator and always maintain primary control of the aerial device.
- Establishment of a rapid intervention crew consisting of a minimum of two properly equipped and trained individuals.

The compliment of resources comes in the form of an effective response force. Effective response teams are defined in this section based on the tasks and capabilities that must be performed at hazards ranging from fire, EMS, technical rescue, and hazardous materials, at the risk levels of low, medium, high, and maximum. Critical tasks are described below as each table provides an overview of tasks that must be accomplished by the effective response force if the department is to meet its mission, goals, and objectives.

Maximum Risk Fire – Fire Suppression

Commercial Structure

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command	1	Initial Assignment: 3 Engines 2 Ladders 2 Ambulances 1 Battalion Chief Command Staff (as required)
Driver / Pump Operator	1	
Water Supply / Hydrant	1	
Fire Attack	4	
Search and Rescue	4	
Ventilation	2	
Rapid Intervention Team	2	
Backup Line / 2 Out	2	
Incident Safety Officer	1	
Total	18	
Other ICS Positions / Functions	Command Staff	
Medical / Transport	Ambulance	



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High Risk Fire – Fire Suppression

Residential Structure

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command	1	Initial Assignment: 3 Engines 1 Ladder 2 Ambulance 1 Battalion Chief Command Staff (as required)
Driver / Pump Operator	1	
Water Supply / Hydrant	1	
Fire Attack	3	
Search and Rescue	2	
Ventilation	2	
Rapid Intervention Team	2	
Backup Line / 2 Out	2	
Incident Safety Officer	1	
Total	15	
Other ICS Positions / Functions	Command Staff	
Medical	Ambulance	

Moderate Risk Fire– Fire Suppression

Commercial Vehicle Fires, Airport Alert III, Brush Fire and Railway Emergency

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 2 Engines 1 Battalion Chief Ambulance (as required) Command Staff (as required)
Driver / Pump Operator	1	
Water Supply / Hydrant	1	
Fire Attack / Investigation	2	
Search and Rescue	2	
Total	7	



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Low Risk Fire– Fire Suppression

Weed, Airport Alert I, Commercial or Residential Fire Alarm, Pest Abatement, Power Line Down, Smoke Investigation, Illegal Burn, Dumpster Fire, Passenger Vehicle Fires

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 1 Engine Ambulance (as required) Command Staff (as required)
Driver / Pump Operator	1	
Fire Attack / Investigation	1	
Total	3	



Non-Fire Risk

The City of Grand Junction does not just face risk from fire. There are many potential hazards that exist, both naturally occurring and man-made. These hazards can cause injury, loss of life, destruction of property, disruption of critical services and communication, and loss of infrastructure. The City has a local emergency operation plan that interacts closely with the Mesa County emergency operations plan. These plans, by design, focus on all hazards.

Natural Hazards: In general, Grand Junction faces its greatest hazards from severe weather; primarily high winds during the spring and summer months and snowstorms during the late fall, winter, and early spring. The area is subject to flash flooding associated with severe thunderstorms and snow melt. Current scientific research assigns the area a moderate earthquake risk. The City is subject to naturally occurring infectious diseases, both those that affect humans and animals. As with any highly developed and populated area in the western United States, the area is vulnerable to protracted, severe drought conditions.

Technological Hazards: The growth and complexity of the City and county makes the risk from manmade and technological hazards at least as high as and perhaps higher than that of natural hazards. Risk from haz-mat transportation accidents is especially high due to the presence of major highway corridors, rail lines, airport for commercial, and military air traffic all serving the major industrial districts of the Denver and Salt Lake City metropolitan areas. The risk posed by fixed facility haz-mat incidents is significantly less than that of haz-mat transportation incidents.

Terrorism and Weapons of Mass Destruction (WMD): Acts of terrorism can come in many forms including the use of weapons of mass destruction (WMD) involving chemical, biological, radiological, nuclear, or explosive (CBRNE) weapons. The threat



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of terrorism is a concern for the City of Grand Junction. The Grand Junction Police Department works with various local, county, state, and federal partners to analyze this threat on a regular basis. Based on this analysis, various programs are in place to enhance the City’s ability to prevent, prepare for, respond to, and recover from terrorist events.

Hazard Profile: Planning significance was formulated from the Calculated Priority Risk Index (CPRI). The CPRI considers four elements of risk: probability, magnitude/severity, warning time, and duration. The table below is the scoring system that was utilized in the

CPRI process.

CPRI Category	Degree of Risk			Assigned Weighting Factor
	Level ID	Description	Index Value	
Probability	Unlikely	<ul style="list-style-type: none"> ▪ Rare with no documented history of occurrences or events. ▪ Annual probability of less than 0.01. 	1	45%
	Possibly	<ul style="list-style-type: none"> ▪ Infrequent occurrences with at least one documented or anecdotal historic event. ▪ Annual probability that is between 0.1 and 0.01. 	2	
	Likely	<ul style="list-style-type: none"> ▪ Frequent occurrences with at least two or more documented historic events. ▪ Annual probability that is between 1 and 0.1. 	3	
	Highly Likely	<ul style="list-style-type: none"> ▪ Common events with a well documented history of occurrence. ▪ Annual probability that is greater than 1. 	4	
Magnitude/Severity	Negligible	<ul style="list-style-type: none"> ▪ Negligible property damages (less than 5% of critical and non-critical facilities and infrastructure). ▪ Injuries or illnesses are treatable with first aid and there are no deaths. ▪ Negligible quality of life lost. ▪ Shut down of critical facilities for less than 24 hours. 	1	30%
	Limited	<ul style="list-style-type: none"> ▪ Slight property damages (greater than 5% and less than 25% of critical and non-critical facilities and infrastructure). ▪ Injuries or illnesses do not result in permanent disability and there are no deaths. ▪ Moderate quality of life lost. ▪ Shut down of critical facilities for more than 1 day and less than 1 week. 	2	
	Critical	<ul style="list-style-type: none"> ▪ Moderate property damages (greater than 25% and less than 50% of critical and non-critical facilities and infrastructure). ▪ Injuries or illnesses result in permanent disability and at least one death. ▪ Shut down of critical facilities for more than 1 week and less than 1 month. 	3	
	Catastrophic	<ul style="list-style-type: none"> ▪ Severe property damages (greater than 50% of critical and non-critical facilities and infrastructure). ▪ Injuries or illnesses result in permanent disability and multiple deaths. ▪ Shut down of critical facilities for more than 1 month. 	4	
Warning Time	Less than 6 hours	Self explanatory.	4	15%
	6 to 12 hours	Self explanatory.	3	
	12 to 24 hours	Self explanatory.	2	
	More than 24 hours	Self explanatory.	1	
Duration	Less than 6 hours	Self explanatory.	1	10%
	Less than 24 hours	Self explanatory.	2	
	Less than one week	Self explanatory.	3	
	More than one week	Self explanatory.	4	



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The table below represents the hazard profile scores for the City of Grand Junction. The values provided in the table are classified according to the magnitude of each hazard.

Hazard Profile Summary for the City of Grand Junction						
Hazard Type	Probability	Magnitude	Warning Time	Duration	CPRI Score	Planning Significance
Wildfire (WUI)	4	3	4	4	3.70	High
Flood	3	3	4	4	3.25	High
Utility / Infrastructure Failure	3	2	4	3	2.85	Moderate
Hazardous Materials	4	1	4	1	2.80	Moderate
Lightning	4	2	2	1	2.80	Moderate
Civil Disorder	2	4	4	1	2.80	Moderate
Terrorism	1	4	4	4	2.65	Moderate
Agriculture Infestation	4	1	1	4	2.65	Moderate
Extreme Temps	3	2	1	4	2.50	Moderate
Hailstorm	4	1	2	1	2.50	Moderate
Dam / Levee Failure	2	3	2	4	2.50	Moderate
Tornado	2	2	4	2	2.30	Moderate
Radiological	2	2	4	2	2.30	Moderate
Expansive Soil	3	1	1	4	2.20	Moderate
Earthquake	2	2	4	1	2.20	Moderate
Drought	1	2	3	4	1.90	Low
Major Disease Outbreak	2	1	1	4	1.75	Low
Windstorm	2	2	1	1	1.75	Low
Landslide	1	2	4	1	1.75	Low
Soil Erosion	2	1	1	4	1.75	Low
Winter Storm	2	1	1	2	1.55	Low



Through the CPRI process Grand Junction Fire Department has identified that the two largest natural hazards that require a high level of planning that have an effect the City of Grand Junction are that of wildland urban interface (WUI) and flooding. Further information on these two areas of concern are listed below.

Wildland Urban Interface (WUI)

The table below shows the total population, number of structures, and assessed value of improvements to parcels in the City of Grand Junction. Land values have been purposely excluded because land remains following disasters, and subsequent market devaluations are frequently short-term and difficult to quantify. Additionally, state and federal disaster assistance programs generally do not address loss of land or its associated value.

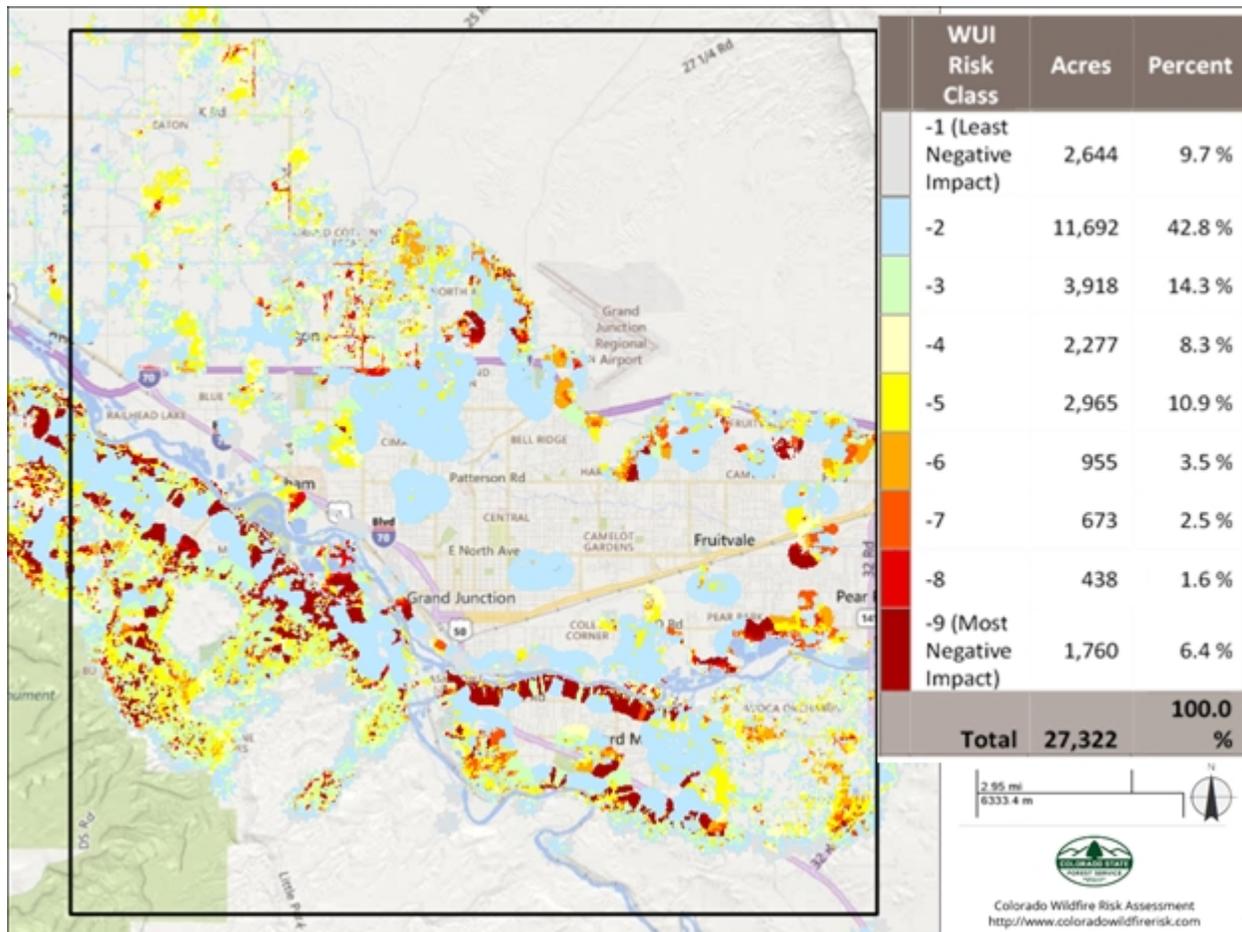
Jurisdiction:	City of Grand Junction								
Hazard:	Wildfire								
Type of Structure	Number of Structures			Value of Structures			Number of People		
	#in Comm.	#in Hazard Area	%in Hazard Area	\$ in Comm.	\$ in Hazard Area	%in Hazard Area	#in Comm.	#in Hazard Area	%in Hazard Area
Residential	22178	3601	16.23%	\$ 2,968,963,250.00	\$ 590,400,290.00	19.88%	60319	9505	15.7%
Commercial	2490	370	14.85%	\$ 1,006,569,380.00	\$ 115,573,490.00	11.48%			
Agricultural	85	15	17.64%	\$ 14,666,320.00	\$ 2,894,350.00	19.73%			
Industrial	487	124	25.46%	\$ 171,153,690.00	\$ 56,632,150.00	33.08%			

It is estimated that 43% of the residents living in GJFD service area live within the wildland urban interface (WUI) with over 27,000 acres of land. Based on population density and flame length models, most of the WUI in the City of Grand Junction is rated at low to moderate risk. The highest risk areas for wildfire include the river and stream corridors that are punctuated by steep terrain overgrown with tamarisk and Russian olive trees. Neighborhoods with limited hydrants surround these areas, most with homes lacking in defensible space. These riparian habitats are vulnerable not only because of fuels but



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ease of access by recreation enthusiasts and transient populations via roads, parks, trails, sidewalks, and bridges. The map below shows the WUI risk for Grand Junction Fire Department service area as provided by www.coloradawildfirerisk.com.



Flooding

Grand Junction is subject to flooding caused by rapid snowmelt, usually associated with rising temperatures and flash flooding caused by rains associated with thunderstorms. Spring runoff usually reaches its peak in June and recedes to a normal flow by mid-July. Mesa County typically experiences the monsoonal weather patterns in late July and August that create the potential for flash flood events found in the steeper drainage areas of the



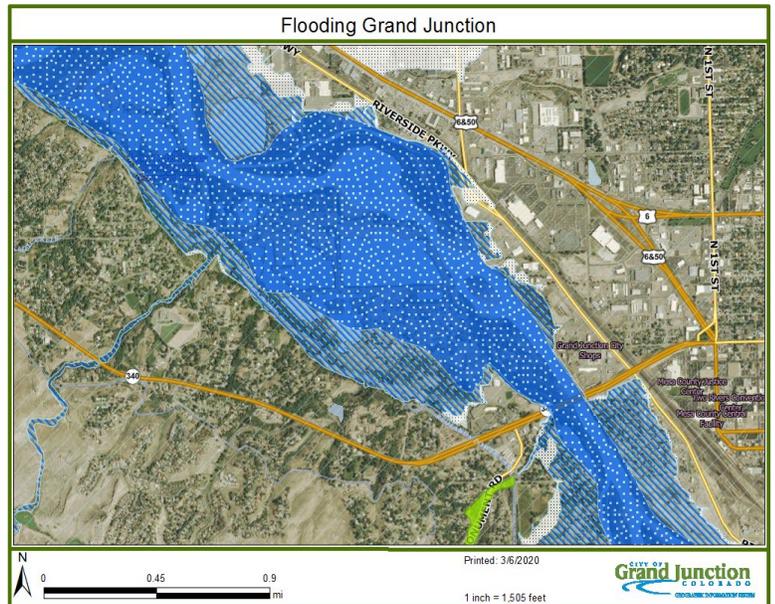
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County. It is these events that have the greatest potential for causing major flooding in Grand Junction and typically involve localized flooding and debris-flow issues.

Areas immediately surrounding the river corridor are considered a FEMA floodplain, succeeded by 100-year flood zones with a 1% chance of inundation each year. The many creeks and streams that are tributaries of the Gunnison and Colorado Rivers are prone to flash flooding in the late summer with the monsoon season and thunderstorms that move into the area.

Jurisdiction:	City of Grand Junction								
Hazard:	Flooding								
Type of Structure	Number of Structures			Value of Structures			Number of People		
	#in Comm.	#in Hazard Area	%in Hazard Area	\$in Comm.	\$in Hazard Area	%in Hazard Area	#in Comm.	#in Hazard Area	%in Hazard Area
Residential	22178	175	0.79%	\$ 2,968,963,250.00	\$ 10,888,480.00	0.40%	60319	952	1.57%
Commercial	2490	40	1.60%	\$ 1,006,569,380.00	\$ 18,287,990.00	1.81%			
Agricultural	85	0	0.00%	\$ 14,666,320.00	\$ -	0.00%			
Industrial	487	21	4.31%	\$ 171,153,690.00	\$ 10,253,770.00	6.00%			

In 1983 and 1984 respectively peak flows from snowmelt led to Colorado River flows above 60,000 cfs. Streets, lawns, basements, and lower floors of residential homes in the Riverside Park, Rosevale, and Connected Lakes areas experienced significant flood damage. The map to the right shows the FEMA floodplains, 100-year flood zones and flash flood risk along the Colorado River.





Non-Fire Critical Task Analysis

EMS

The department is a first response and transport agency for all emergency medical incidents based upon the assignment of resources and a medical priority dispatch system. Critical Task assignments for high risk, moderate risk, and low risk emergency medical responses include the following:

- Establishment of correct response assignment.
- Establishment of Incident Command.
- Triage, including the determination of patient, critical, unstable, potentially stable or unstable.
- Perform primary and secondary assessment.
- Establishment of treatment modality.
- Provide a minimum of 5 personnel for high priority call determinants.
- Provide scene management and EMS supervision.
- Providing personal protective equipment, policies, and procedures to minimize risk and reduce exposure.

High Risk Emergency Medical Services– Advanced Life Support

Cardiac Arrest, Choking, Pregnancy, Stroke and Electrocution

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 1 Engine 1 Ambulance EMS Officer
Triage	1	
Patient Care / Treatment	4	
Total	6	
Medical / Transport	Ambulance	



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Moderate Risk Emergency Medical Services– Advanced Life Support

Allergies, Animal Bites, Assault, Back Pain, Breathing Problems, Burns, Carbon Monoxide, Chest Pain, Seizures, Drowning, Electrocutation, Falls, Heart Problems, Heat / Cold Exposure, Hemorrhage, Overdose, and Traumatic Injury (Stabbing / Gunshot)

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 1 Engine 1 Ambulance
Triage	2	
Patient Care / Treatment	2	
Total	5	
Medical / Transport	Ambulance	

Low Risk Emergency Medical Services– Basic Life Support

Abdominal Pain, Diabetic Problems, Eye Problems, Headache, Sick Person, and Fainting

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 1 Ambulance 1 Engine (as required)
Triage / Patient Care / Treatment	1	
Total	2	
Medical / Transport	Ambulance	



Technical Rescue

The department responds to identified known low or moderate risk technical rescue events with a single engine company, a rescue unit, and in most circumstances a Chief Officer. High risk technical rescue events can present a much greater workload and demand a more demanding response.

The assigned Incident Commander may, at their discretion, call for any additional units needed to bring more personnel and resources to the scene using mutual aid. Currently the only resource within the county that can support technician level operations is the Mesa County Sheriff's Office Volunteer Search and Rescue Team.

Critical task assignments for high risk and low risk technical rescue responses include the following:

- Establishment of correct response assignment.
- Establishment of Incident Command.
- Assess the extent of the required technical rescue.
- Rescue trapped or endangered persons.
- Providing personal protective equipment, policies, and procedures to minimize risk and reduce exposure.



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High Risk Technical Rescue – Incident Mitigation

Advanced Tech Rescue Response (when requested by Battalion Chief)

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command	1	Initial Assignment: 2 Engine 1 Rescue 1 Battalion Chief 1 EMS Officer 2 Ambulance Command Staff (as required)
Patient Care	2	
Technical Rescue Team	4	
Technical Rescue Additional	4	
Technical Rescue Awareness	4	
Incident Safety Officer	1	
Total	16	
Other ICS Positions / Functions	Command Staff	
Medical	Ambulance	

Moderate Risk Technical Rescue – Incident Mitigation

High Angle Rescue, Vehicle Extrication, Ice Rescue, Search for Person on Land and Swift

Water Rescue

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 1 Engine 1 Rescue 1 Battalion Chief 1 Ambulance 1 EMS Officer (as required) Command Staff (as required)
Patient Care	2	
Technical Rescue Team	2	
Technical Rescue Additional	2	
Technical Rescue Awareness	1	
Incident Safety Officer	1	
Total	9	
Other ICS Positions / Functions	Command Staff	
Medical	Ambulance	



Low Risk Technical Rescue – Incident Mitigation

Swift Water Investigation and Elevator Rescue

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 1 Engine 1 Battalion Chief (as required) Ambulance (as required) Command Staff (as required)
Patient Care	0	
Technical Rescue Team	0	
Technical Rescue Additional	0	
Technical Rescue Awareness	2	
Total	3	
Other ICS Positions / Functions	Command Staff	

Hazardous Materials

The department responds to identified, known, low or moderate risk hazardous materials events with a single engine company and the hazardous materials response trailer; in most circumstances a Chief Officer will also respond. High risk hazardous materials events can present a much greater workload and demand a more demanding response.

The assigned Incident Commander may, at their discretion, call for any additional units needed to bring more personnel and resources to the scene using mutual aid. Currently the only resource within the county that can support technician level operations is Clifton Fire Protection District and Lower Valley Fire District.

Operations at hazardous materials scenes are accomplished slowly, methodically, and systematically. Specific tasks are assigned to both individuals and crews and are based on the knowledge, skills, abilities, and resources of that unit. Critical task assignments for high risk, moderate risk, and low risk hazardous materials responses include the following:

- Establishment of correct response assignment.
- Establishment of Incident Command.
- Determination of hazardous cargo or situation.



- Establishment of safe zones / denial of entry.
- Performing reconnaissance/identification of the hazardous material.
- Providing for entry and backup teams.
- Providing for a rapid intervention crew (RIC).
- Establishment of safety officer.
- Decontamination of all civilians involved.
- Decontamination of all fire personnel and equipment used in the event.
- Providing personal protective equipment, policies, and procedures to minimize risk and reduce exposure.

High Risk Hazardous Materials – Incident Mitigation

Train Derailment and Advanced Hazardous Materials Response

(when requested by Battalion Chief)

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 4 Engines 1 Haz-Mat Unit 1 Battalion Chief 1 EMS Officer 2 Ambulances Command Staff (as required)
Entry Team 1 / Entry Team 2	8	
Recon Team	2	
Backup Team	2	
Research / Technical	2	
Decontamination Team	3	
Incident Safety Officer	1	
Total	19	
Other ICS Positions / Functions	Command Staff	
Medical	Ambulance	



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Moderate Risk Hazardous Materials – Incident Mitigation

Level III Hazardous Materials Incident including: Overpressure Rupture from Air or Gas, Air of Gas Rupture of Pressure of Process Vessel, Chemical Hazard, Chemical spill or Leak, and Biological Hazard, Confirmed or Suspected

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 2 Engines 1 Haz-Mat Unit 1 Battalion Chief 1 Ambulance 1 EMS Officer Command Staff (as required)
Entry Team 1 / Entry Team 2	4	
Recon Team	2	
Backup Team	2	
Research / Technical	1	
Decontamination Team	2	
Incident Safety Officer	1	
Total	13	
Other ICS Positions / Functions	Command Staff	
Medical	Ambulance	

Low Risk Hazardous Materials – Incident Mitigation

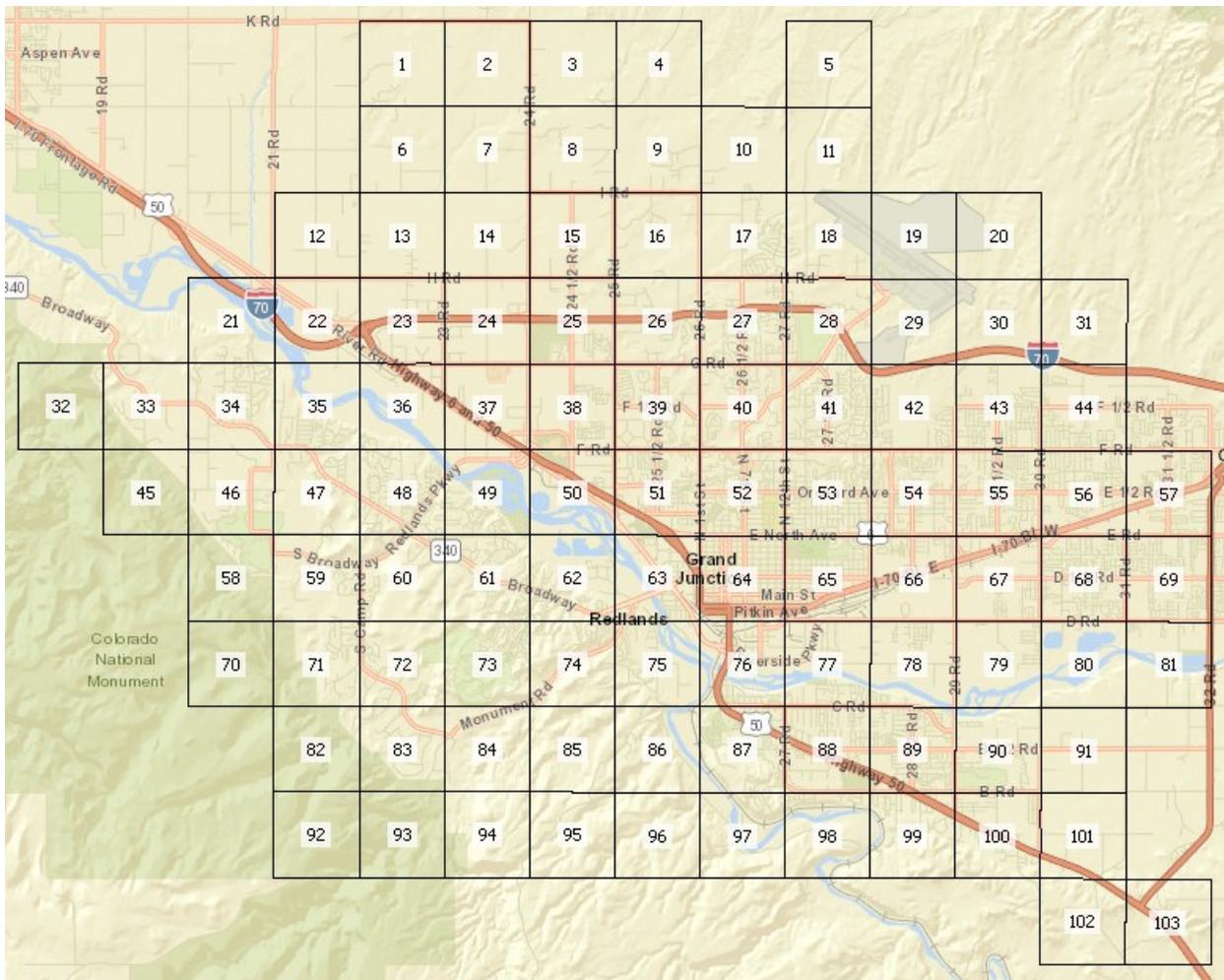
Level II Hazardous Materials Incident, Carbon Monoxide, Gas Leaks and Fuel Spills < 25 Gallons, Hazardous Condition, Other, Combustible/Flammable Gas/ Liquid condition, other, Gas leaks, or Toxic Condition, Other

Critical Task	Minimum Personnel	Effective Response Force Deployment
Size Up / Incident Command / Safety	1	Initial Assignment: 1 Engine OR 1 Haz-Mat Unit Battalion Chief (as required) EMS Officer (as required) Command Staff (as required)
Recon Team / Mitigation	2	
Decontamination Team	0	
Backup Team	0	
Total	3	
Other ICS Positions / Functions	Command Staff	
Medical	Ambulance	



Fire Planning Zones

Grand Junction Fire Department has identified 103 Fire Planning Zones (FPZs) that fall into six different station response districts. Each zone corresponds with a census tract and measures one square mile. Some of the demand zones are only partially within the City limits of Grand Junction. The demand zone numbering system starts at the upper left portion of the map and proceeds down in a sequential order. The FPZs are not isolated to fire districts or first due area, nor are they consistent with corporate City limits. This is due to irregular boundaries previously established without the consideration of grid-like geographical zones used for planning and response analysis. The full demand zone map is below (a breakdown of each planning zone and corresponding risk assessment score can be found in Appendix A):





These smaller zones allow for an even more detailed comprehensive review of each demand zone; they allow the department to assess performance and help identify locations of risk so current and future location of resources can be considered. A level of risk has been established for each demand. Each risk attribute is considered to define a quantifiable and comparable measure. The resulting analysis allows the demand zone to receive a risk assessment rating based on CFAI which states, “The output summary needs to simply and effectively communicate the risk assessment process in a manner that allows for clear understanding of where each management zone will fall.” The following risk assessment summary is considered by the City of Grand Junction when analyzing structure fire risk and ultimately risk within each FPZ.

The risk assessment rating for each FPZ considers several valuable pieces of information based on data analysis that is performed on each zone independently of one another. The same data that is produced on a City-wide level is conducted and analyzed for each of the 103 fire planning zones. These other assessments are directed at specific functions of the operation which impact both fire and non-fire risks. Risks were evaluated by examining the frequency and severity of these incidents, the potential hazards associated with various structures and occupancies, and the institutional knowledge that provides insight into the department’s ability to respond and mitigate these risks. These factors provide the basis for categorizing risks and prioritizing the distribution and concentration of resources.

The score for each FPZ was determined using the scorecards below for the total number of incidents, the total number of structure fires, population density, total travel time for first unit and the total number of target hazards. Each category is assigned a score with a maximum of five points available which yields a total risk of 25 for the zone with the highest risk potential.



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Each of the four scoring criteria that are assessed for each FPZ are listed below and provide a breakdown of each score’s threshold:

Incident score card:

Range Low	Range High	Score			Range Low	Range High	Score
0	74	0.5			0	558	0.5
75	149	1			559	1117	1
150	224	1.5			1118	1675	1.5
225	299	2			1676	2233	2
300	374	2.5			2234	2792	2.5
375	449	3			2793	3350	3
450	524	3.5			3351	3908	3.5
525	599	4			3909	4466	4
600	674	4.5			4467	5025	4.5
675	750	5			5026	5583	5

Population score card:

Structure fire score card:

Range Low	Range High	Score			Range Low	Range High	Score
0	2	0.5			0	2	0.5
3	5	1			3	5	1
6	8	1.5			6	7	1.5
9	11	2			8	9	2
12	14	2.5			10	12	2.5
15	17	3			13	14	3
18	20	3.5			15	16	3.5
21	23	4			17	18	4
24	26	4.5			19	21	4.5
27	29	5			22	23	5

Target hazard score card:



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Travel time for first unit score card:

Range Low	Range High	Score
0	1:30	0.5
1:31	3:00	1
3:01	4:30	1.5
4:31	6:00	2
6:01	7:30	2.5
7:31	9:00	3
9:01	10:30	3.5
10:31	12:00	4
12:01	13:30	4.5
13:31	15:00	5

Note: times in chart are represented in minutes and seconds.

Once the total score is calculated it is assigned its risk assessment score. The risk factor for each FPZ is based on its corresponding risk assessment score.

Total assessment score:

	High	>15
	Moderate	10-14.5
	Low	0-9.5

The risk assessment scores were reviewed on all 103 FPZs to determine the areas of greatest risk for future incidents. As a result of that review, it was determined that there were 12 FPZs in the high-risk category, 16 FPZs in the moderate risk category and 75 FPZs in the low-risk category. The table below breaks down the scores for the high and moderate risk FPZs as these are currently the most critical areas for response planning based on historical data.



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Fire Planning Zone	Total Number of Incidents	Total Structure Fires	Population	Number of Target Hazards	Travel Time First Unit	Risk Assessment Score
55	2.5	1.0	5.0	5.0	2.5	21.5
64	5.0	5.0	3.5	5.0	2.0	20.5
53	5.0	3.0	4.5	5.0	2.0	19.5
52	5.0	3.0	4.0	5.0	2.0	19.0
54	5.0	0.5	4.0	5.0	2.0	16.5
41	5.0	1.5	3.0	4.5	2.0	16.0
65	5.0	0.5	3.0	5.0	2.0	15.5
51	5.0	1.0	2.0	5.0	2.0	15.0
89	5.0	3.5	3.5	0.5	2.5	15.0
39	5.0	0.5	2.5	5.0	2.0	15.0
66	5.0	1.5	1.5	5.0	2.0	15.0
40	5.0	0.5	2.0	5.0	2.0	14.5
38	4.0	1.0	1.0	5.0	2.5	13.5
63	5.0	0.5	1.0	5.0	2.0	13.5
28	5.0	0.5	0.5	5.0	2.5	13.5
88	5.0	1.0	3.0	2.0	2.5	13.5
87	5.0	1.0	2.0	2.5	2.5	13.0
43	5.0	1.0	3.5	1.0	2.5	13.0
67	3.5	0.5	1.5	4.5	2.5	12.5
77	3.5	0.5	1.5	4.5	2.5	12.5
50	3.0	1.5	0.5	5.0	2.5	12.5
42	4.0	0.5	1.5	4.5	2.5	12.5
76	3.0	1.0	1.0	4.5	2.5	12.0



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Fire Planning Zone	Total Number of Incidents	Total Structure Fires	Population	Number of Target Hazards	Travel Time First Unit	Risk Assessment Score
25	0.5	05	1.5	4.5	3.0	11.5
37	4.0	0.5	0.5	3.0	2.5	10.5
48	3.5	0.5	2.0	1.5	3.0	10.5
29	3.0	0.5	0.5	3.0	3.0	10.0
68	1.0	1.0	4.5	0.5	3.0	10.0



Section 5 – Historical Perspective

Distribution

Distribution is defined as the “geographic location of all first-due resources for initial mitigation regardless of call type.” Distribution measures the first-due unit’s ability to arrive within the response time objective. Distribution of response resources defines the specific geographical location for each resource. Optimally, each distribution point should be equal or near equal in geographical features: size, road miles, and population.

Fire and emergency response apparatus are distributed throughout the City at six strategically located fire stations. The distribution of most stations throughout the City is historically based and were conceived prior to the true development of the City as many of the fire stations were built ahead of significant growth and development. Each station has an assigned area of the City for primary response known as its response district. There are currently six response districts that are in line with each station location.

Response District Statistics

District	Square Miles	Road Miles	Population	Residential Buildings	Non-Residential Buildings	Target Hazards
Station 1	13.2	97.39	11,242	4,932	1,451	300
Station 2	8.8	129.15	23,747	10,960	701	254
Station 3	23.7	190.09	17,670	7,924	1,302	392
Station 4	13	121.14	18,730	7,465	405	78
Station 5	30.8	119.50	12,973	5,534	277	51
Station 6	7.16	74.33	8,423	4,201	379	120
Total	96.6	731.60	92,785	41,016	4,515	1,195



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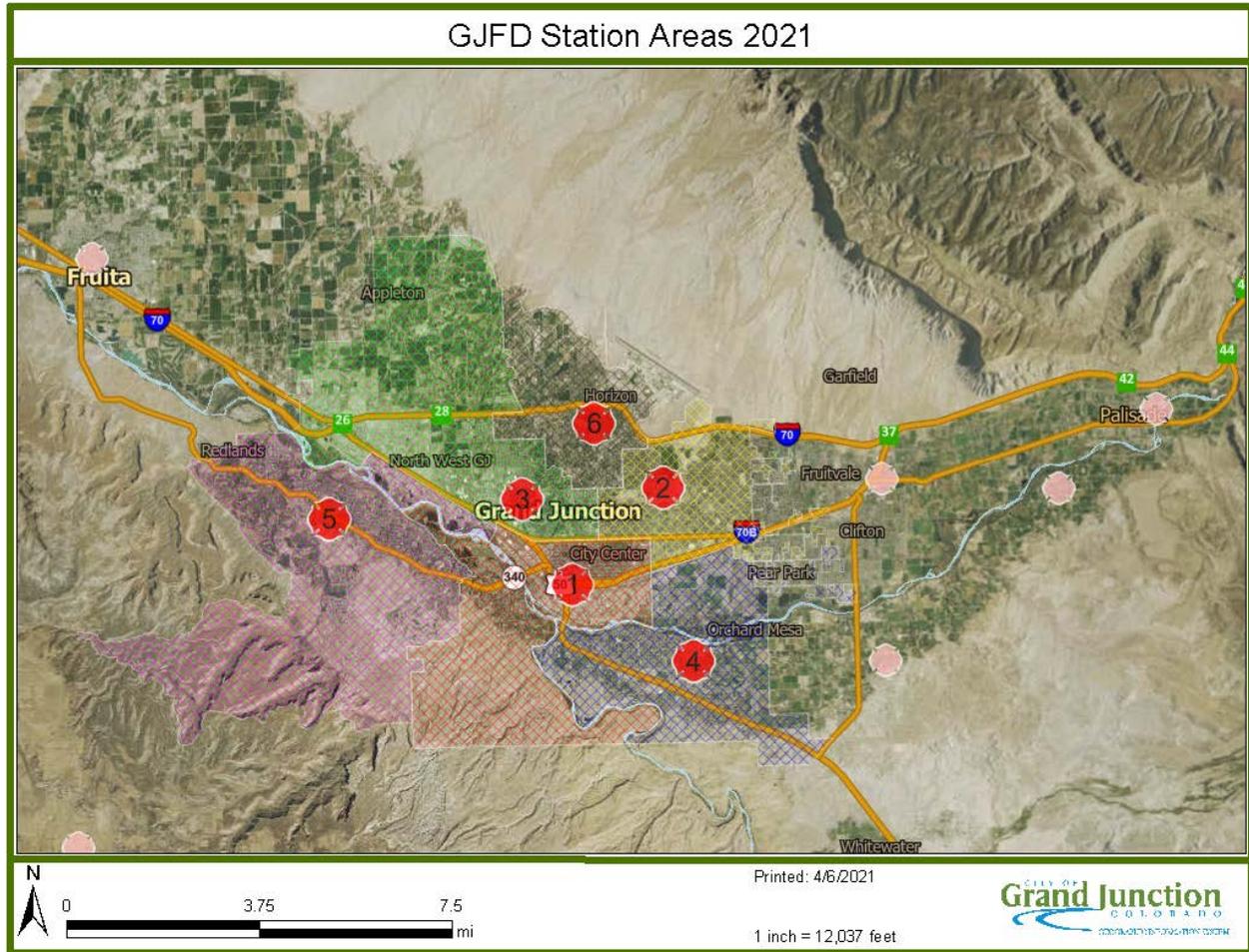
Response District Resources

District	Primary Resources
Station 1	Truck Company, One Ambulance, Battalion Chief, EMS Officer, and Rescue (Cross Staffed)
Station 2	Engine, Two Ambulances
Station 3	Engine, Ambulance, and Haz-Mat Response Unit (Cross Staffed)
Station 4	Engine, One Ambulance, One Type III Engine (Cross Staffed), Air Trailer (Cross Staffed)
Station 5	Engine, Confined Space / Trench Unit (Cross Staffed), Water Tender (Cross Staffed), Water Rescue Boat (Cross Staffed) and 1 Ambulance (day car)
Station 6	Truck Company, Two Ambulances (One Ambulance is a Day Car), Two ATV's (Cross Staffed), One Type III Engine (Cross Staffed),



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Station District Map





GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT STANDARDS OF COVER – 6TH EDITION

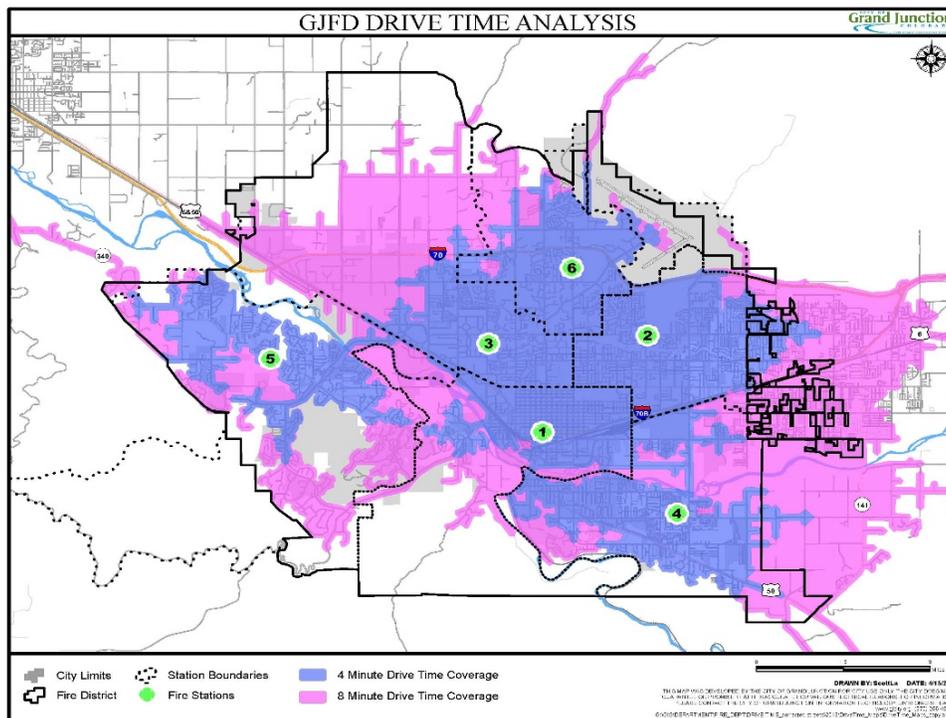
Station Travel Time Analysis

The following maps show calculated travel time from each station. The purpose of these maps is to show the overall coverage and response capabilities of each station. Each map has the following data representing each of the listed travel time.

- 4 Minutes (Dark Purple)
- 8 Minutes (Light Purple)
- 10 Minutes (Ladder truck response only) (Orange)

This analysis shows that each district's first due unit can cover their assigned district in under eight minutes for most locations. The noted exception are the areas that are covered by Station 2 and Station 4 which can reach most locations within their district within 4 minutes.

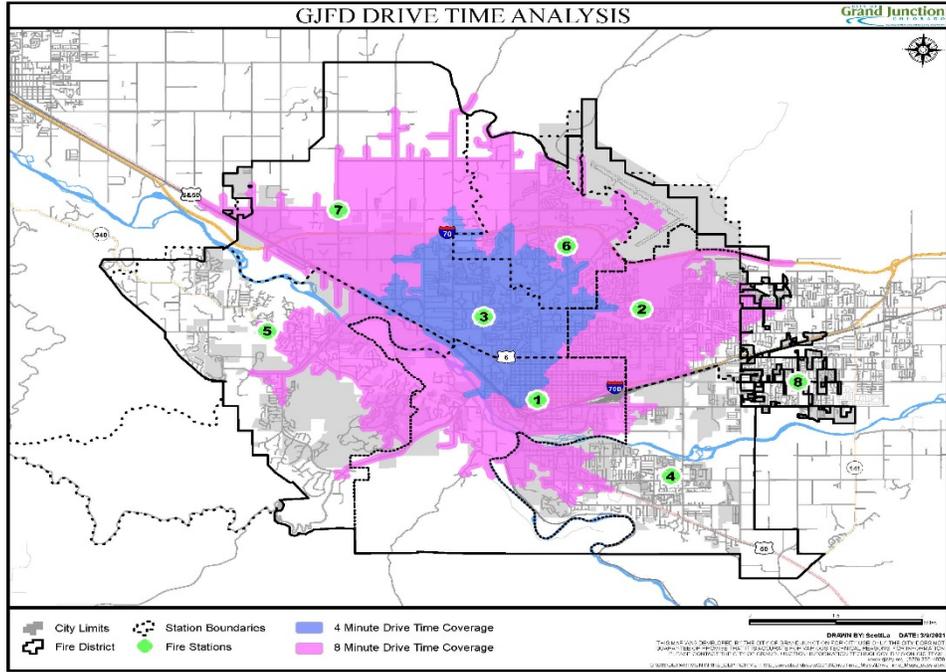
All Current Station Travel Times



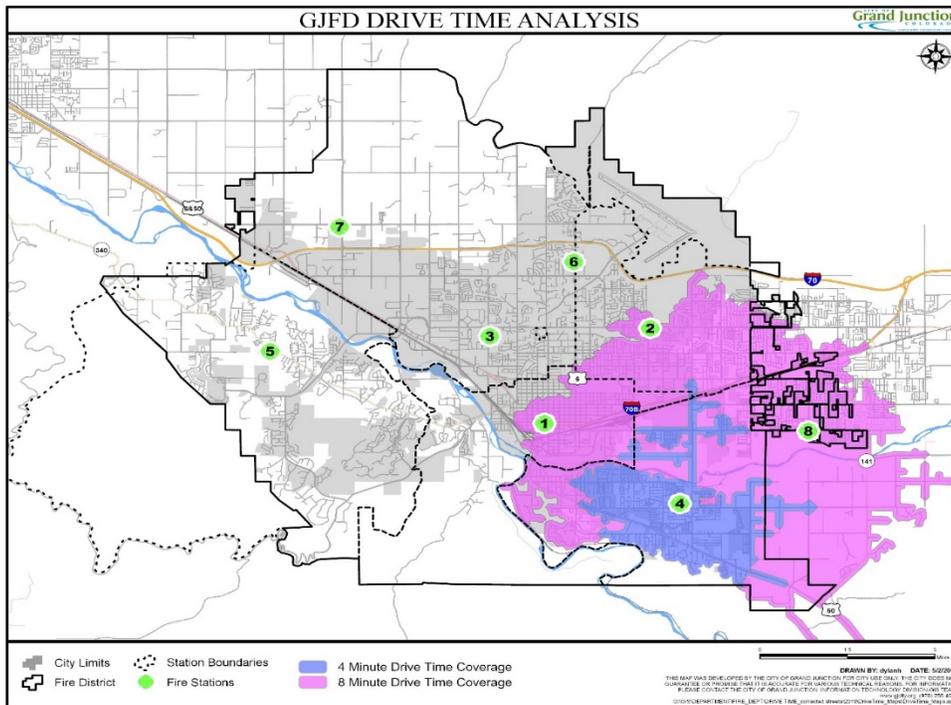


GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT STANDARDS OF COVER – 6TH EDITION

Station 3 Travel Times



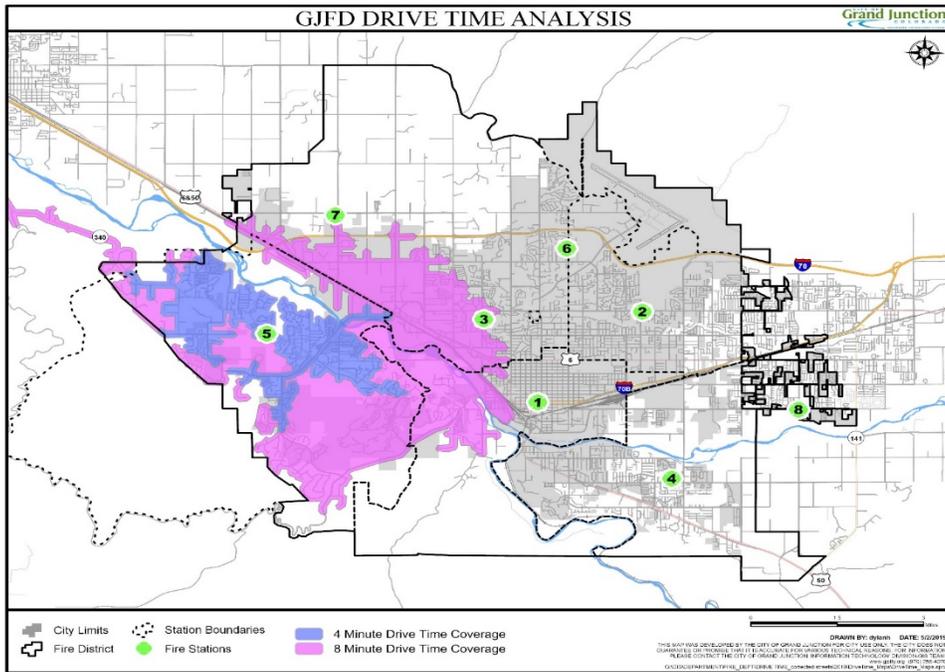
Station 4 Travel Times



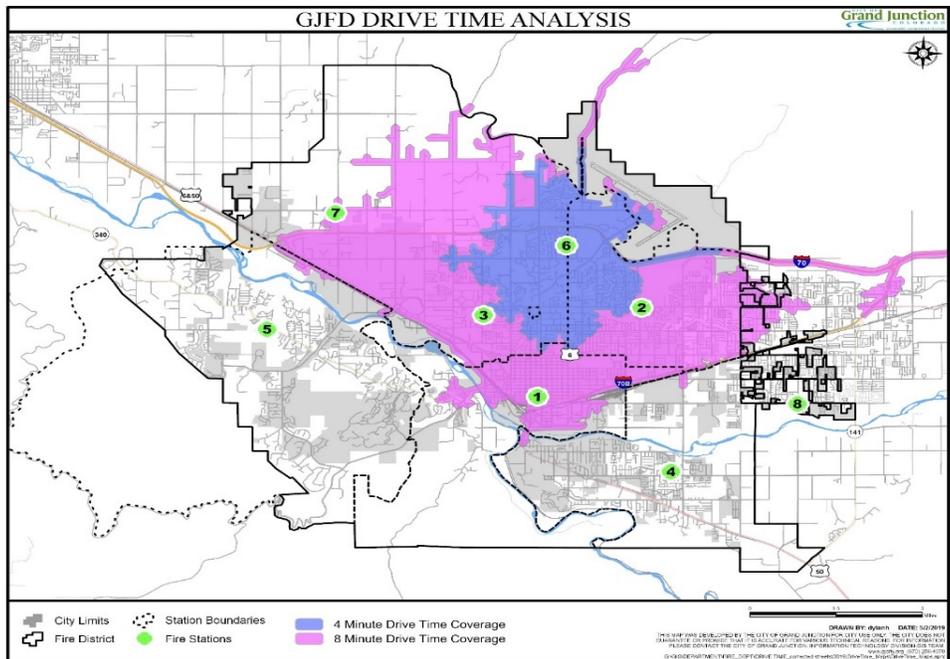


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Station 5 Travel Times



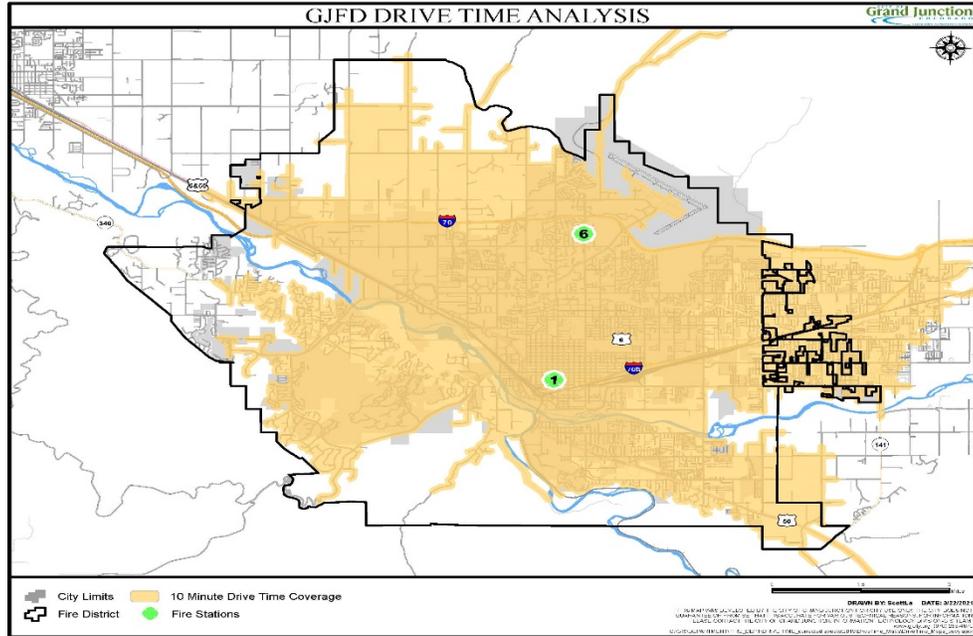
Station 6 Travel Times





GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT STANDARDS OF COVER – 6TH EDITION

Station 1 and 6 Combined Ladder Truck Travel Times

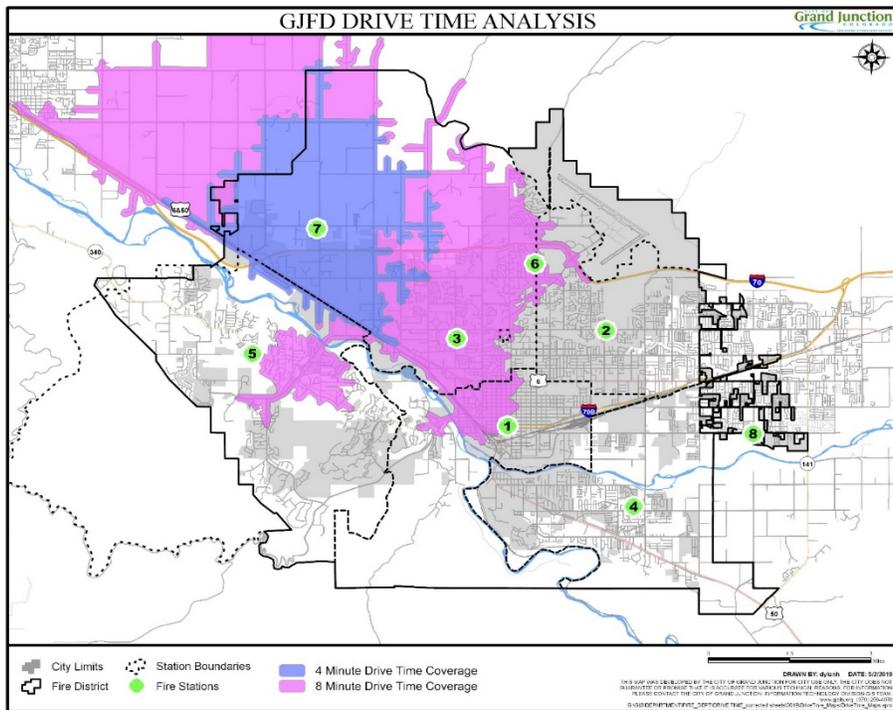




Projected Future Growth

With the passage of the First Responder Tax in 2019, GJFD will be adding an additional two stations to our current six stations to give the department a total of eight stations over the next three years. When looking for locations for the two new fire stations, the department along with the City’s GIS department performed a comprehensive drive time analysis to determine the best location for each station. As a result, the following maps show where the new fire stations will be located and their corresponding travel times.

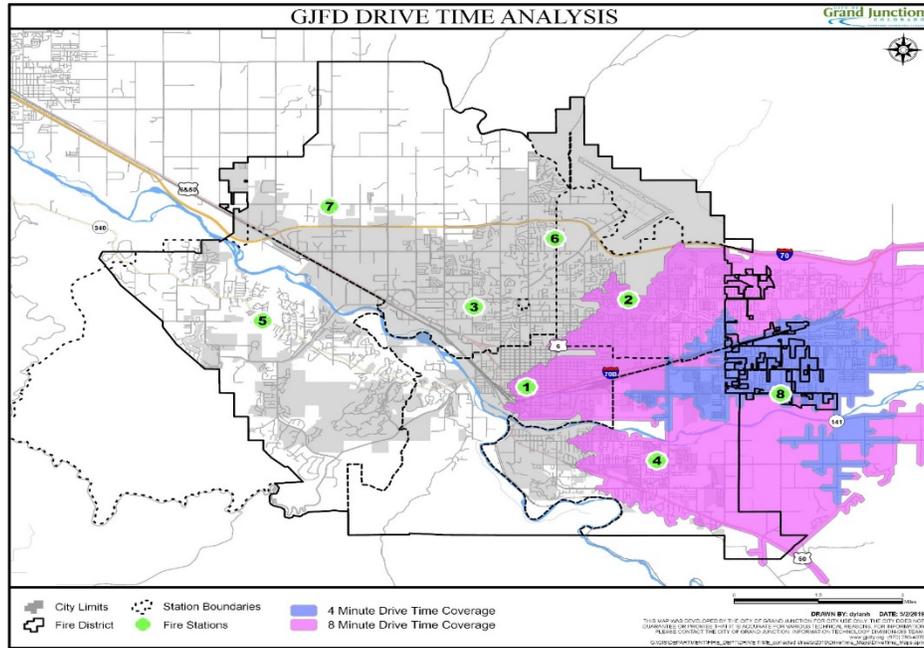
Station 7 Travel Times





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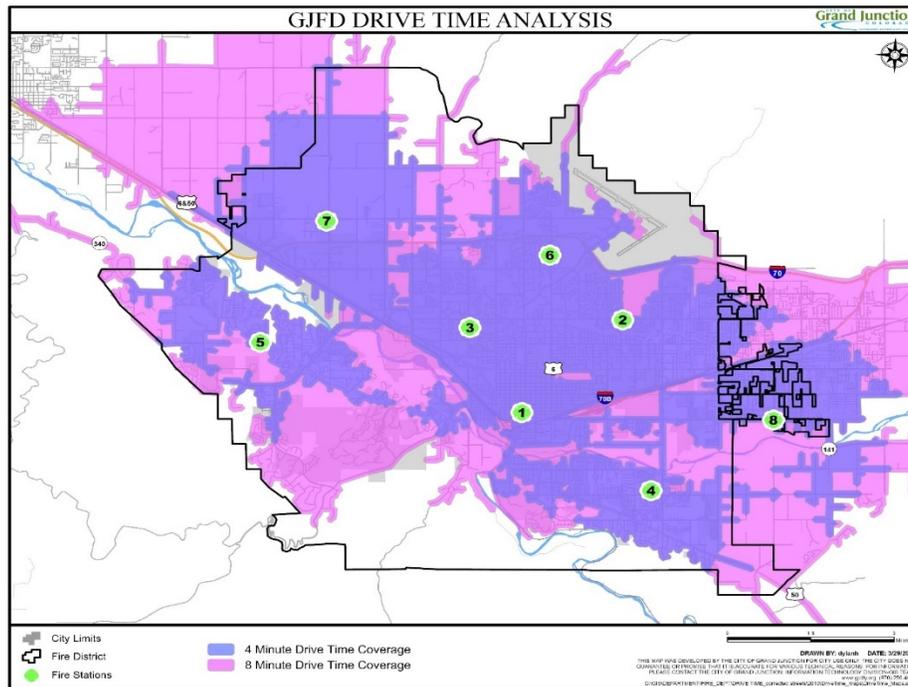
Station 8 Travel Times





GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT STANDARDS OF COVER – 6TH EDITION

Combined Existing and Future Stations Travel Times



This analysis shows that with the upcoming addition of two fire stations each district's first due unit will be able to cover their assigned district in under four minutes for most locations within the City of Grand Junction.

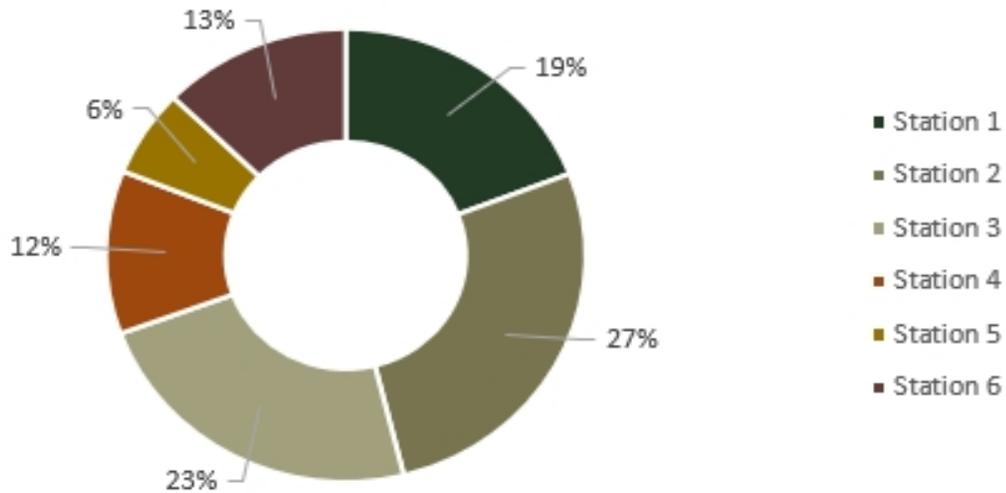
Concentration

Concentration is the analysis of the arrangement of multiple resources so that the effective response force (ERF) can arrive on the scene within the established timeframes. The ERF varies depending on the call type and severity of the incident. The ERF has been established through critical task analysis as outlined in the risk assessment.



2017-2020 All Incident by response area

All Incidents by Response Area



The call load distribution shows that the highest number of calls over the last four years are in Station 2's district. The demographics of Station 2 show that it has the largest population as well as the highest number of assisted living facilities and nursing homes. These factors have played a key role in the higher call load. A higher workload was also noted for Station 3 because they also have many assisted living and nursing facilities located in their district as well. The workload between Station 4 and Station 5 is relatively consistent within their district response. More time is needed to evaluate Station 6 as it was just added to the City during the fourth quarter of 2020.



Reliability

When evaluating reliability, it is critical to remember that this is the ability of an agency to have the necessary resources available when an incident occurs. To evaluate this the Grand Junction Fire Department analyzed historical call data. The agency evaluated the reliability of each district and the ability of in-district units to handle all calls for service within their response area. One of the key factors that were considered when evaluating reliability was the occurrence of multiple calls for service at the same time in a district.

When this occurs, it requires that another unit respond from out of their district to cover the overlapping calls for service. The tables below show the completed analysis of all apparatus responses that occurred between the years 2017-2020; all response types were included in this analysis.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Station 1

1st EMS Unit on Scene

	2017	2018	2019	2020
AM1 & AM11	74%	87%	89%	73%
	n=1,766	n=2,135	n=2,265	n=1,764
AM2 & AM12	16%	8%	6%	14%
	n=373	n=193	n=159	n=341
AM3 & AM13	10%	5%	5%	8%
	n=237	n=121	n=115	n=203
AM4	1%	0%	0%	3%
	n=20	n=3	n=2	n=68
AM6 & AM16	-	-	-	2%
	n=0	n=0	n=0	n=27

*n = total responses

Data shown represents all apparatus responses in the Station 1 area between 2017-2020. Notably in 2020 AM4 began being staffed more frequently than in the past in place of AM11. Re-naming of apparatus and movement of the daytime transport ambulance from Station 3 (AM13) to Station 6 (AM16) was accounted for.

1st Fire Unit on Scene

	2017	2018	2019	2020
TK1	83%	85%	85%	85%
	n=1,128	n=1,186	n=1,304	n=1,175
EN2	5%	5%	5%	5%
	n=76	n=64	n=81	n=71
EN3	5%	5%	5%	5%
	n=72	n=74	n=74	n=74
EN4	3%	3%	3%	3%
	n=50	n=40	n=48	n=40
EN5	3%	2%	2%	2%
	n=51	n=27	n=32	n=27
TK6	-	-	-	0%
	n=0	n=0	n=0	n=2

*n = total responses



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Station 2

1st EMS Unit on Scene

	2017	2018	2019	2020
AM1 & AM11	5%	7%	6%	12%
	n=241	n=327	n=316	n=633
AM2 & AM12	89%	88%	90%	80%
	n=4,169	n=4,276	n=4,731	n=4,140
AM3 & AM13	5%	5%	4%	7%
	n=251	n=225	n=215	n=353
AM4	0%	0%	0%	1%
	n=10	n=5	n=1	n=37
AM6 & AM16	-	-	-	1%
	n=0	n=0	n=0	n=26

*n = total responses

Data shown represents all apparatus responses in the Station 2 area as it has existed between 2017-2020. Notably in 2020 AM4 began being staffed more frequently than in the past in place of AM11. Re-naming of apparatus and movement of the daytime transport ambulance from Station 3 (AM13) to Station 6 (AM16) was accounted for.

1st Fire Unit on Scene

	2017	2018	2019	2020
TK1	4%	5%	5%	5%
	n=115	n=153	n=165	n=151
EN2	88%	86%	87%	88%
	n=2,318	n=2,409	n=2,794	n=2,532
EN3	6%	7%	7%	5%
	n=167	n=199	n=209	n=149
EN4	1%	1%	1%	1%
	n=27	n=33	n=24	n=20
EN5	0%	0%	0%	0%
	n=10	n=6	n=6	n=5
TK6	-	-	-	1%
	n=0	n=0	n=0	n=29

*n = total responses



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Station 3

1st EMS Unit on Scene

	2017	2018	2019	2020
AM1 & AM11	14%	15%	14%	10%
	n=363	n=432	n=388	n=282
AM2 & AM12	22%	19%	18%	13%
	n=592	n=536	n=500	n=357
AM3 & AM13	64%	67%	68%	72%
	n=1,724	n=1,924	n=1,913	n=1,973
AM4	0%	0%	0%	0%
	n=6	n=1	n=0	n=13
AM6 & AM16	-	-	-	4%
	n=0	n=0	n=0	n=108

*n = total responses

Data shown represents all apparatus responses in the Station 3 area as it has existed between 2017-2020. Notably in 2020 AM4 began being staffed sporadically in place of AM11. Re-naming of apparatus and movement of the daytime transport ambulance from Station 3 to Station 6 was accounted for.

1st Fire Unit on Scene

	2017	2018	2019	2020
TK1	5%	5%	4%	3%
	n=83	n=92	n=79	n=58
EN2	8%	8%	9%	7%
	n=127	n=157	n=156	n=121
EN3	81%	83%	82%	85%
	n=1,323	n=1,580	n=1,495	n=1,428
EN4	1%	0%	0%	0%
	n=13	n=8	n=8	n=5
EN5	6%	4%	5%	3%
	n=92	n=67	n=94	n=55
TK6	-	-	-	1%
	n=0	n=0	n=0	n=19

*n = total responses



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Station 4

1st EMS Unit on Scene

	2017	2018	2019	2020
AM1 & AM11	69%	82%	90%	39%
	n=820	n=1,039	n=1,167	n=625
AM2 & AM12	14%	6%	4%	7%
	n=165	n=76	n=50	n=116
AM3 & AM13	8%	4%	4%	4%
	n=99	n=49	n=47	n=63
AM4	9%	9%	2%	49%
	n=110	n=109	n=32	n=772
AM6 & AM16	-	-	-	1%
	n=0	n=0	n=0	n=8

*n = total responses

Data shown represents all apparatus responses in the Station 4 area between 2017-2020. Notably in 2020 AM4 began being staffed sporadically in place of AM11. Re-naming of apparatus and movement of the daytime transport ambulance from Station 3 to Station 6 was accounted for.

1st Fire Unit on Scene

	2017	2018	2019	2020
TK1	7%	7%	7%	6%
	n=93	n=91	n=92	n=94
EN2	1%	1%	1%	1%
	n=13	n=16	n=16	n=18
EN3	0%	1%	1%	1%
	n=6	n=11	n=10	n=16
EN4	90%	91%	91%	91%
	n=1,134	n=1,218	n=1,224	n=1,368
EN5	1%	0%	0%	0%
	n=8	n=5	n=1	n=4
TK6	-	-	-	1%
	n=0	n=0	n=0	n=29

*n = total responses



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Station 5

1st EMS Unit on Scene

	2017	2018	2019	2020
AM1 & AM11	39%	47%	49%	42%
	n=228	n=305	n=333	n=272
AM2 & AM12	7%	3%	3%	6%
	n=41	n=22	n=18	n=38
AM3 & AM13	53%	49%	49%	51%
	n=314	n=319	n=332	n=331
AM4	1%	1%	0%	2%
	n=5	n=4	n=0	n=12
AM6 & AM16	-	-	-	0%
	n=0	n=0	n=0	n=2

*n = total responses

Station 5 does not currently have an EMS unit located at their station. Station 1 and Station 3 are the primary EMS response units that handle medical transports within this response area.

Data shown represents all apparatus responses in the Station 5 area between 2017-2020. Notably in 2020 AM4 began being staffed sporadically in place of AM11. Re-naming of apparatus and movement of the daytime transport ambulance from Station 3 to Station 6 was accounted for.

1st Fire Unit on Scene

	2017	2018	2019	2020
TK1	3%	1%	3%	2%
	n=20	n=7	n=22	n=17
EN2	0%	0%	0%	1%
	n=0	n=1	n=2	n=4
EN3	4%	5%	4%	4%
	n=26	n=34	n=28	n=27
EN4	0%	0%	0%	0%
	n=1	n=2	n=0	n=2
EN5	93%	94%	93%	93%
	n=594	n=696	n=722	n=692
TK6	-	-	-	0%
	n=0	n=0	n=0	n=0

*n = total responses



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Station 6

(Station 6 opened during the fourth quarter of 2020 and therefore does not show many calls for their respective response district. Data in the corresponding charts is calculated from the opening of the station until the end of 2020)

1st EMS Unit on Scene

	2017	2018	2019	2020
AM1 & AM11	-	-	-	10%
	-	-	-	n=31
AM2 & AM12	-	-	-	10%
	-	-	-	n=31
AM3 & AM13	-	-	-	7%
	-	-	-	n=22
AM4	-	-	-	1%
	-	-	-	n=2
AM6 & AM16	-	-	-	72%
	-	-	-	n=226

Data shown represents all apparatus responses in the Station 6 area once Station 6 boundary was in place on 11/9/2020. Notably in 2020 AM4 began being staffed sporadically in place of AM11. Re-naming of apparatus and movement of the daytime transport ambulance from Station 3 to Station 6 was accounted for.

1st Fire Unit on Scene

	2017	2018	2019	2020
TK1	-	-	-	0%
	-	-	-	n=1
EN2	-	-	-	10%
	-	-	-	n=20
EN3	-	-	-	5%
	-	-	-	n=9
EN4	-	-	-	0%
	-	-	-	n=0
EN5	-	-	-	0%
	-	-	-	n=0
TK6	-	-	-	85%
	-	-	-	n=164

Through this comprehensive analysis the agency has established a specific action level of below 70% to be utilized for consideration of additional resources and or new stations. This level has



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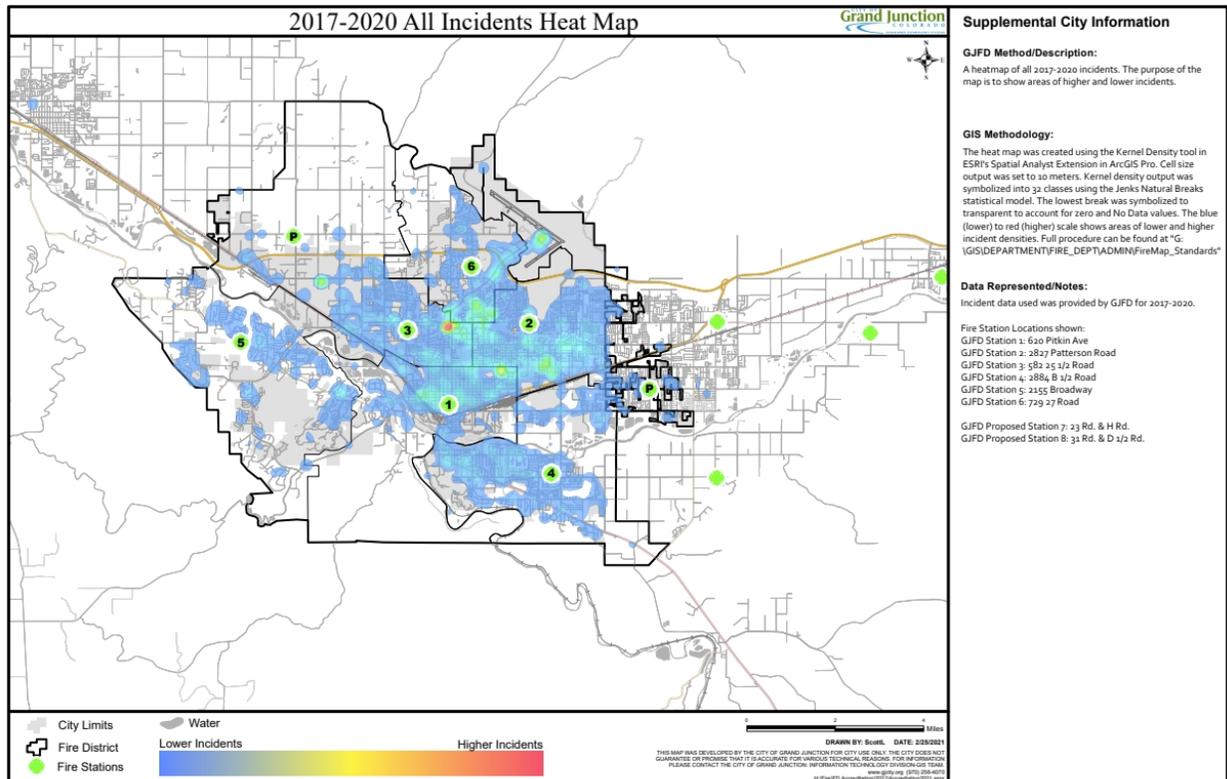
been established to assist administration with meeting the needs of the community as the City of Grand Junction continues to grow.

The EMS unit located at Station 3 has shown that it has generated the greatest amount of overlap as it was only able to handle 72% of its EMS calls in 2020. It should be noted that there is currently a single EMS unit located at Station 3 and Station 4 as opposed to Station 2 and Station 6 having two EMS units. One of the units at Station 6 is the day car. This has certainly played a key role in the overlapping of calls within this district. This has been identified as a critical issue by administration and has been addressed with the addition of Station 6 which includes one fire apparatus and two EMS units. The addition of Station 6 will dramatically decrease the overlap issues that have been noted in Station 3's response district. Further, evaluation will be performed at the end of 2021 on the effect of Station 6 on service calls in Station 3's response district.



EMS and Fire Call Probability

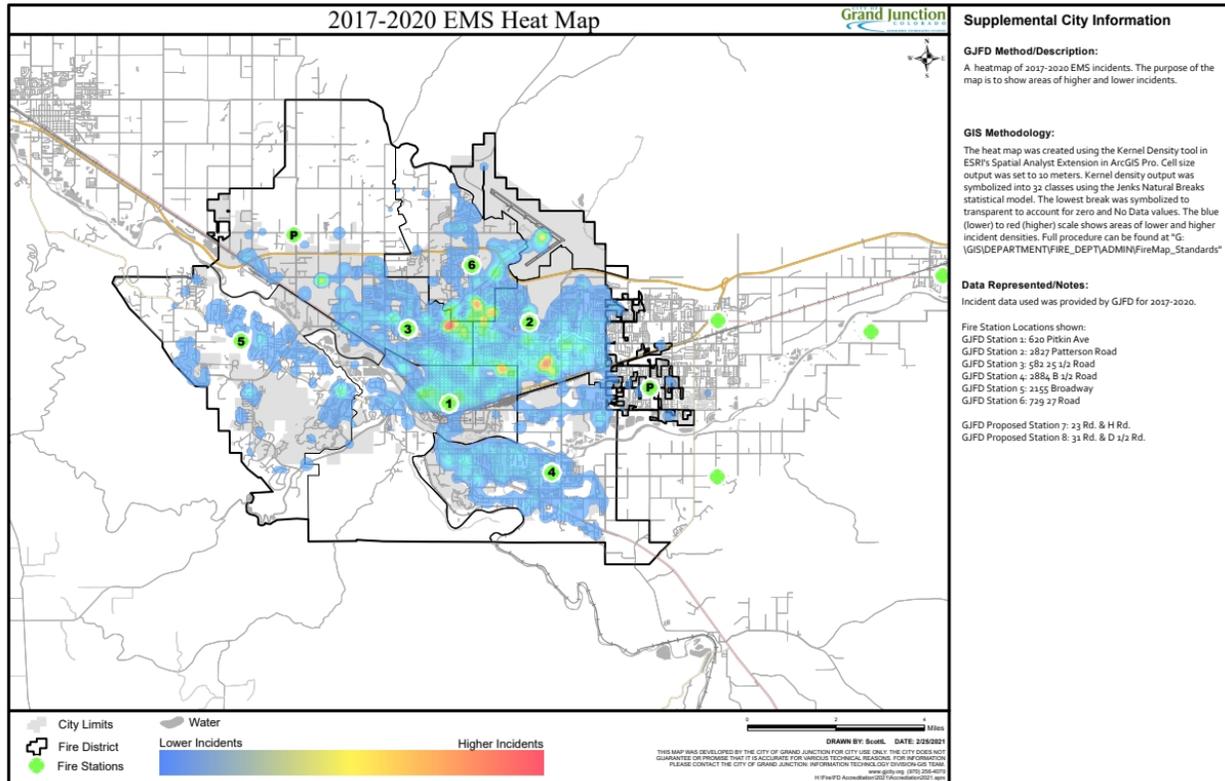
When evaluating historical call data one can make predictions based on concentration needs. These needs are assessed by evaluating call frequency, geographic location, and population. The map below shows the total call density from the timeframe of 2017-2020 to include fire, ems, technical rescue, and hazardous materials responses.



Throughout the Standard of Cover, emergency medical service calls represent most of the department's call types. These calls typically require two or more units to form the effective response force. It is very common for the response system to be depleted due to the frequency of these call types. As a result, this requires an increased concentration to meet performance objectives when responding to areas outside of the first due area. As the heat map shows the concentration of EMS calls is in the central core and lower distribution toward the City boundaries. The map below represents the total EMS calls from 2017-2020.



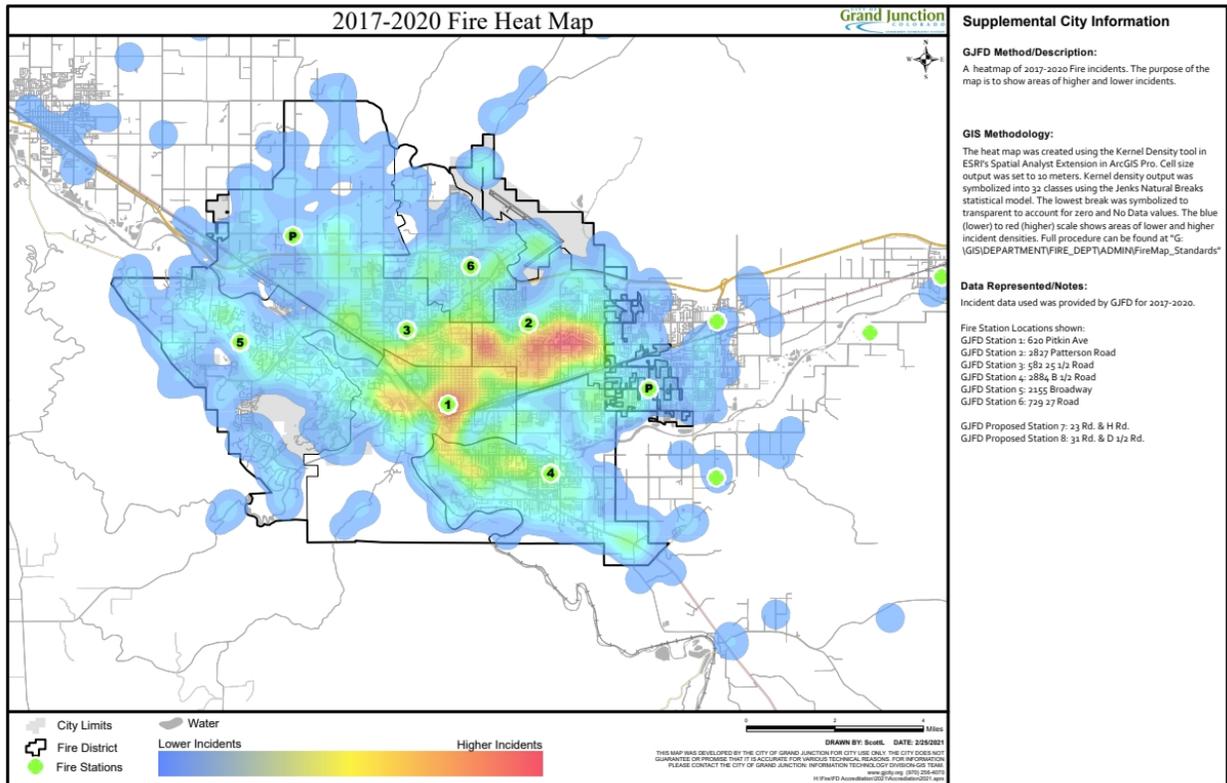
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Overall, fire calls represent a wide spectrum on incidents to include commercial structure fires, residential structure fires, passenger vehicle fires, commercial vehicle fires, dumpster fires and brush fires. These incidents each require a different number of resources that range from a single engine to three engines and two ladder trucks. Fire incident concentration is an area of significance in that stabilizing these types of incidents may take significant resources. Fire calls as compared to EMS calls are more spread-out over the City. This highest concentration of fire calls are located in the more densely populated areas of the City.



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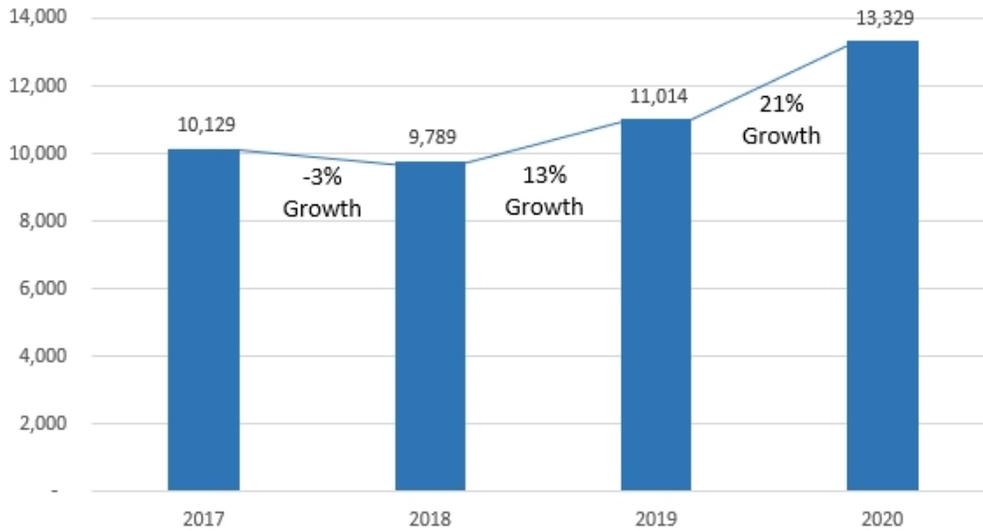
Further analysis was conducted to evaluate the total calls per year, by risk, by month, by day of the week and by the hour. This has allowed the agency to better estimate its future call load and peak demand times for specific call types. The tables and charts shown below break down response into EMS, fire, hazmat and technical rescue.



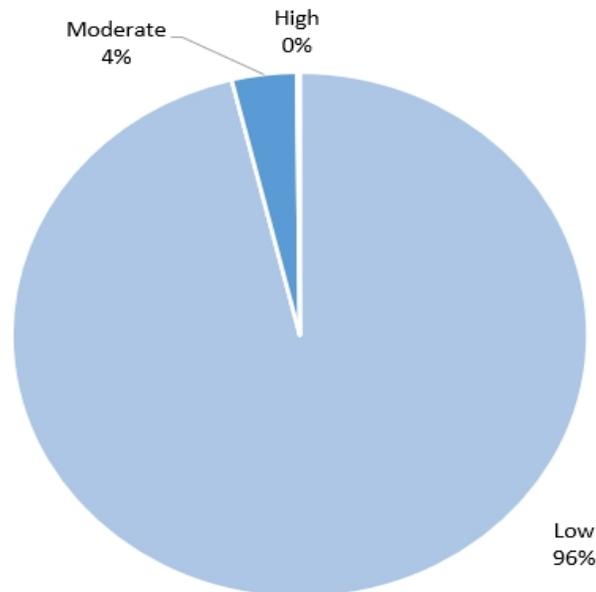
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EMS

EMS Incidents by Year



EMS Incidents by Risk Level

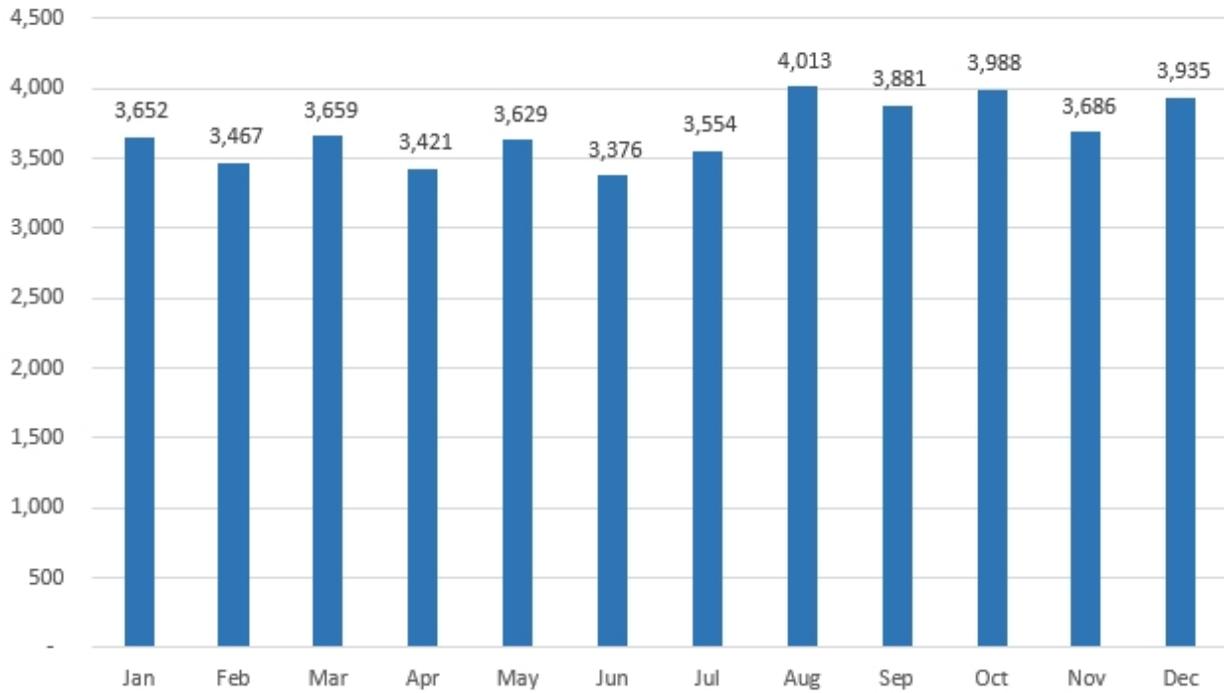


EMS and risk levels are defined by the Standard of Cover based on NFIRS call types. 96% of EMS calls are classified as low risk. High risk had 70 incidents total but amounts to 0%. n=44,261

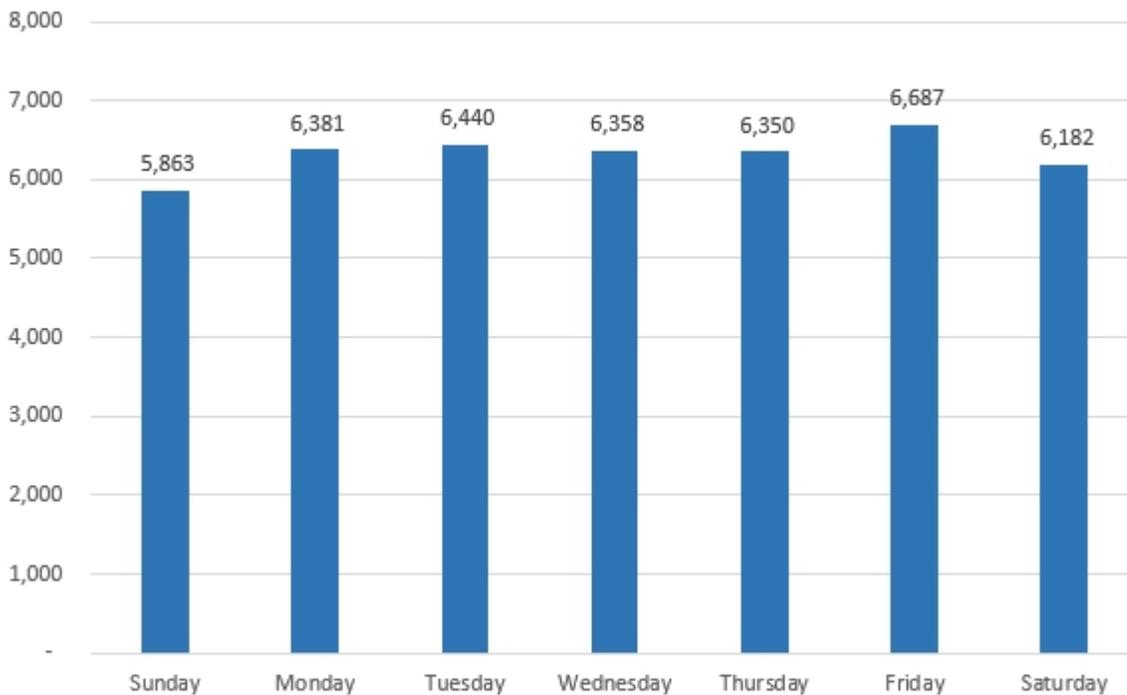


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2017-2020 EMS Incidents by Month



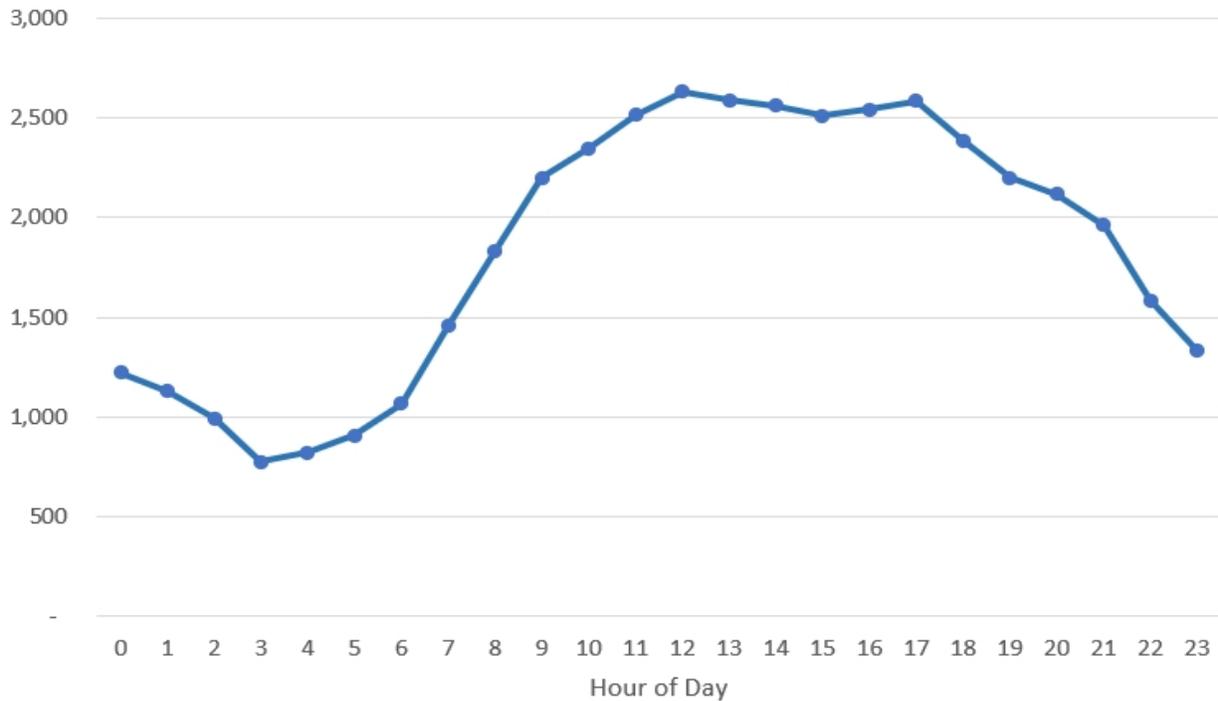
2017-2020 EMS Incidents by Day



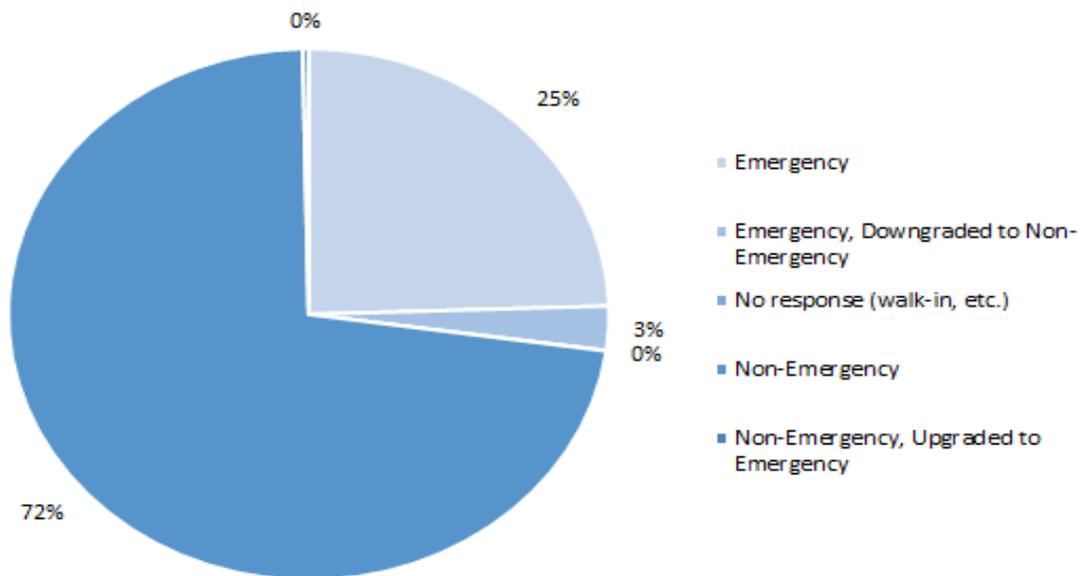


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2017-2020 EMS Incidents by Hour of Day



EMS Incidents by Response Mode



EMS describes a category defined by the Standard of Cover based on NFIRS call types. 71% of EMS calls are non-emergent, 24% are emergent. n=44,261



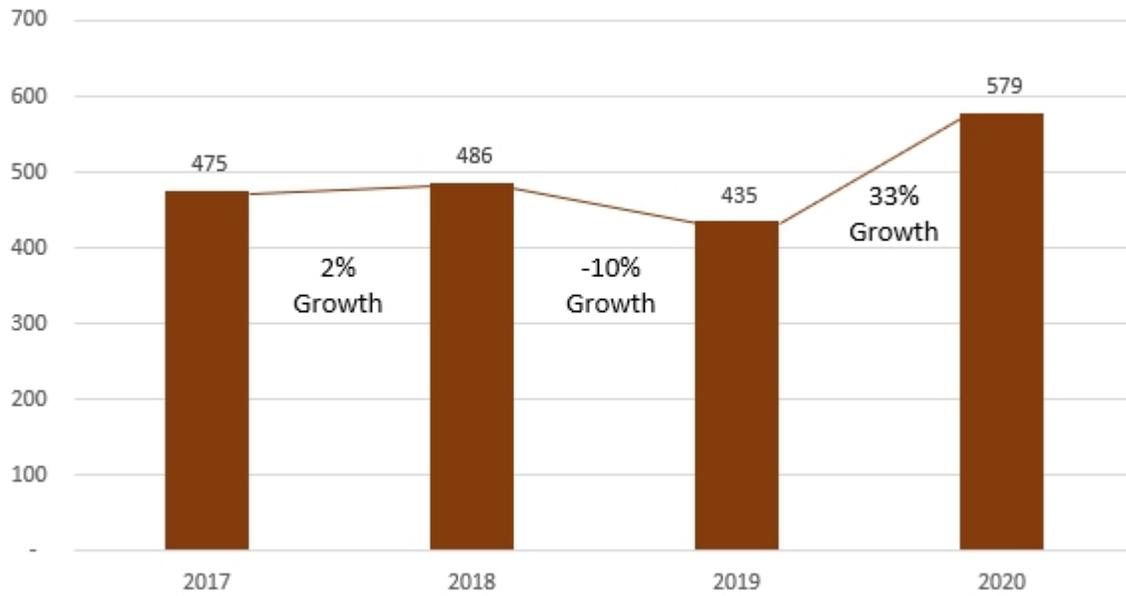
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The analysis of EMS calls between the years 2017-2020 showed that the overall EMS calls for service increased by 32%. In 2017 the agency responded to 10,129 calls for service as compared to 13,329 EMS calls for service in 2020. Annual increases and decreases were also noted during the timeframe of 2017-2020 in calls for service. When evaluating the data from 2017-2020 Grand Junction Fire Department responded to 4,013 EMS calls during August making it the busiest month of the year for EMS calls. The busiest day of the week based on the data set was Friday which showed a total of 6,687 EMS calls. The final component that was evaluated during this analysis was peak hours for EMS calls. It was noted that calls started to pick up at 0600 and taper off at 0300. The data showed that the slowest time of day for EMS calls is between the hours of 0300-0600. This trend remained consistent during the four years that were evaluated.

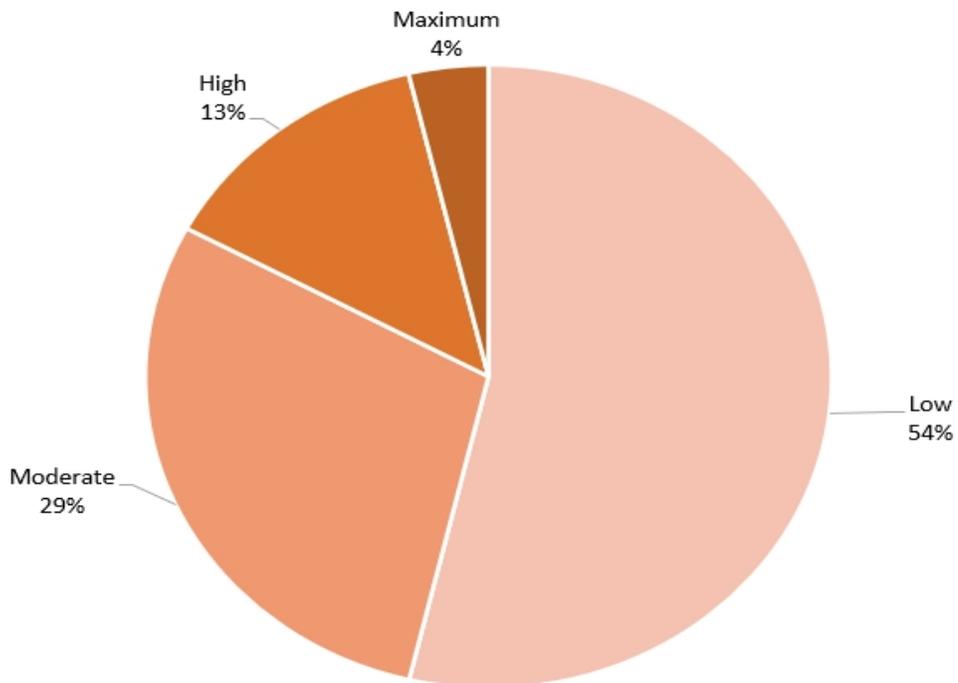


Fire

Fire Incidents by Year



Fire Incidents by Risk Level

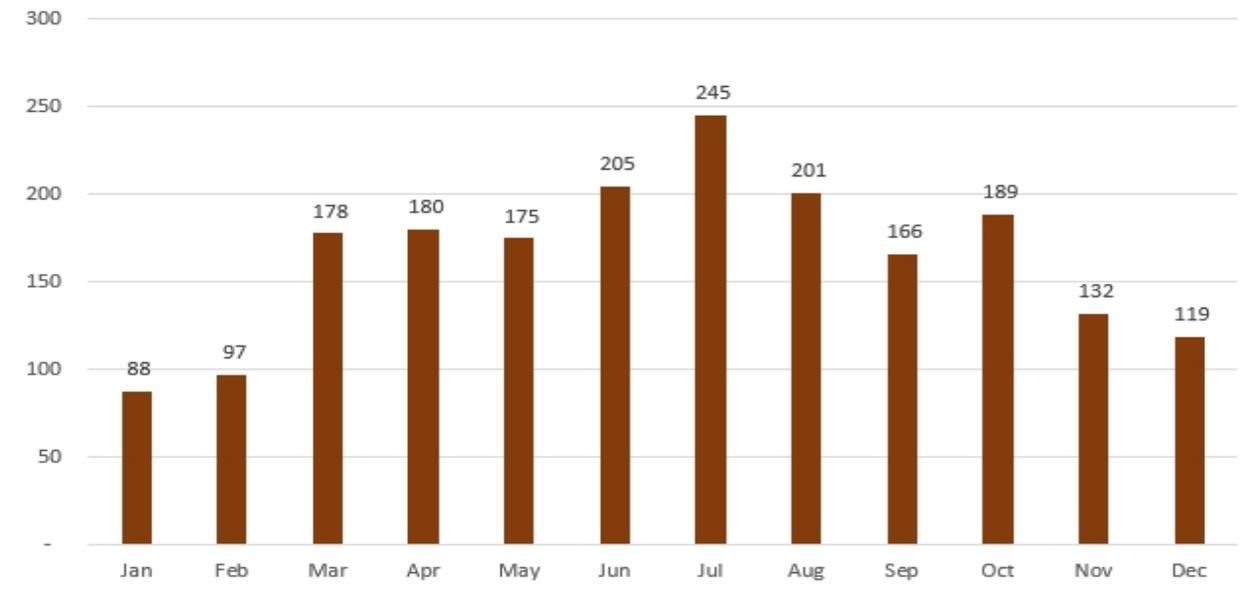


Fire and risk levels are defined by the Standard of Cover based on NFIRS call types. 54% of Fire calls are classified as low risk, 13% as high risk, 4% as maximum risk. n=1,975.

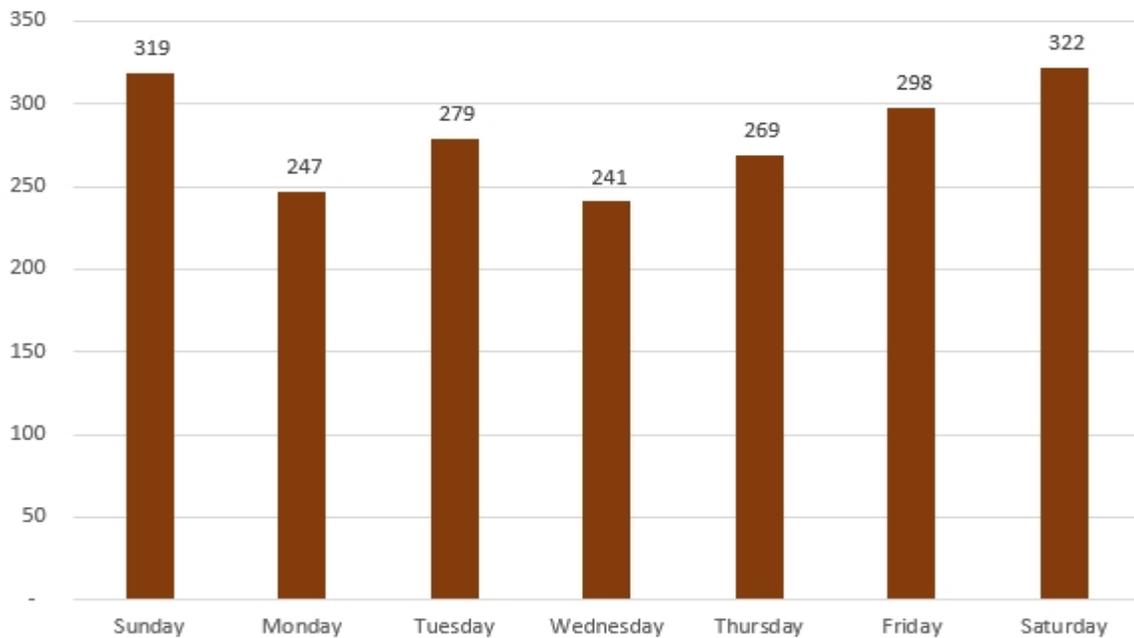


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2017-2020 Fire Incidents by Month



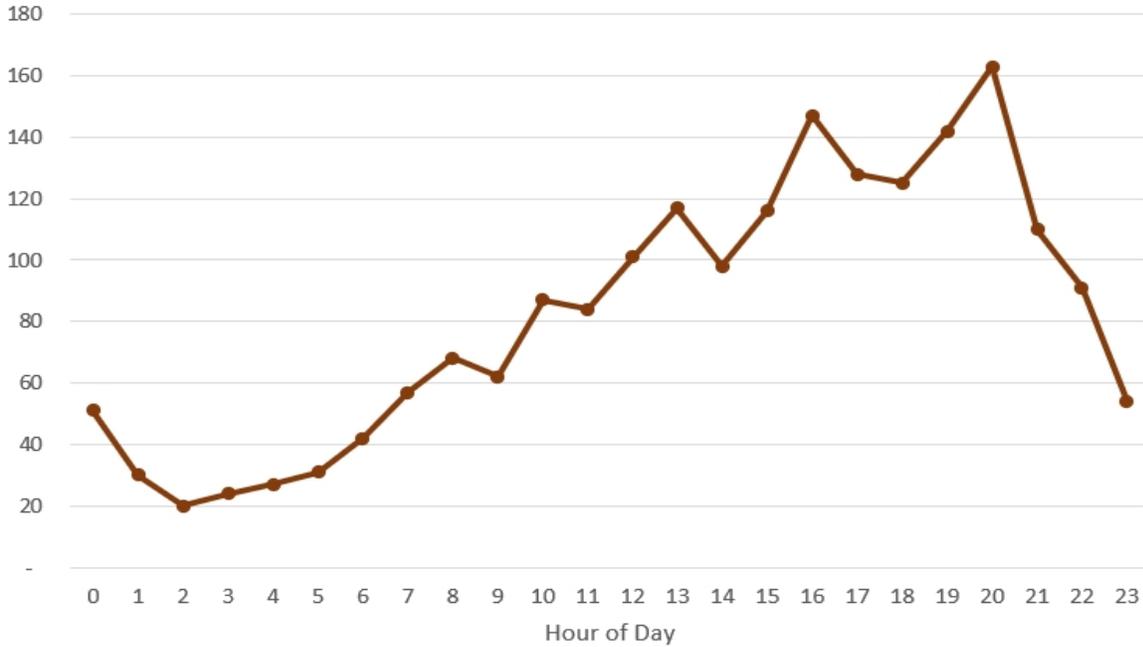
2017-2020 Fire Incidents by Day



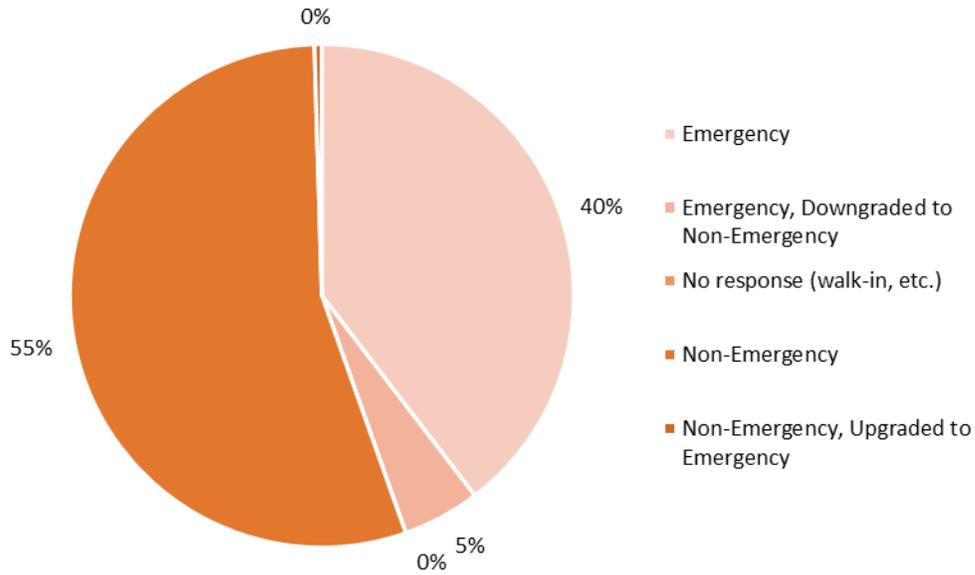


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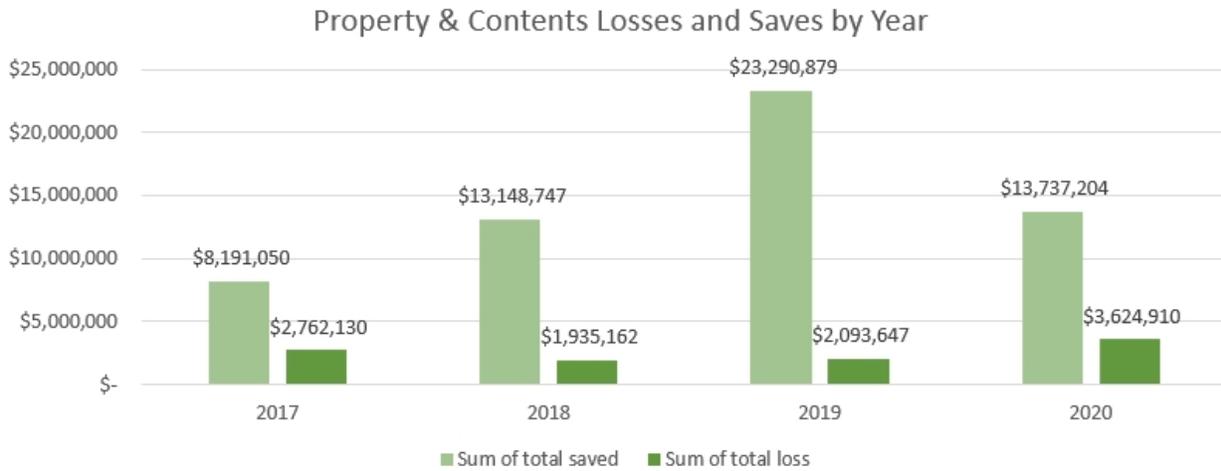
2017-2020 Fire Incidents by Hour of Day



Fire Incidents by Response Mode



Fire describes a category defined by the Standard of Cover based on NFIRS call types. 38% of Fire calls are emergent, 53% are non-emergent. n=1,975.



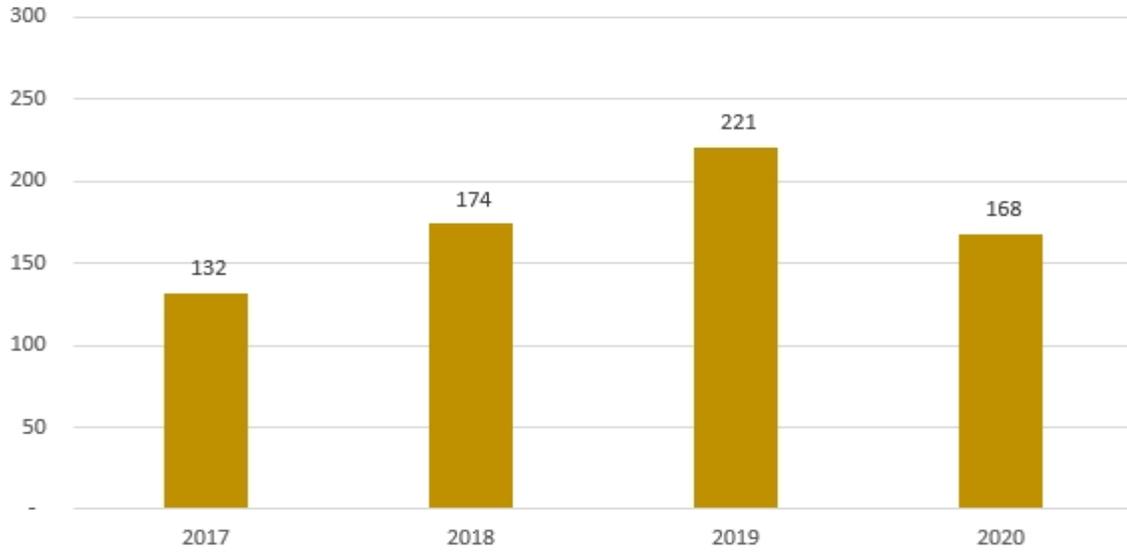
The analysis of fire calls between the years 2017-2020 showed that the overall fire calls increased by 21%. In 2017 the agency responded to 475 calls for service as compared to 579 fire calls in 2020. Annual increases and decreases were noted during the timeframe of 2017-2020 in calls for service. When evaluating the data from 2017-2020 Grand Junction Fire Department responded to 245 fire calls during July making it the busiest month of the year for fire calls. The busiest day of the week based on the data set was Saturday which showed a total of 322 fire calls. The final component that was evaluated during this analysis was peak hours for fire calls. It was noted that calls started to pick up at 0600 and taper off at 2300. The data showed that the slowest time of day for fire calls is between the hours of 2300-0600. This trend remained consistent during the four years that were evaluated.

The analysis of property loss and save values between the years of 2017-2020 showed that property loss increased, and property saved value decreased. The agency had a property loss of \$2,762,130 in 2017 as compared to 2020 that had a property loss of \$3,624,910. The overall property loss increased by 31% during the four-year period. The agency had a property save of \$8,098,600 in 2017 as compared to \$13,737,204 in 2019. The overall property saved value increased by 68% over the four-year period.

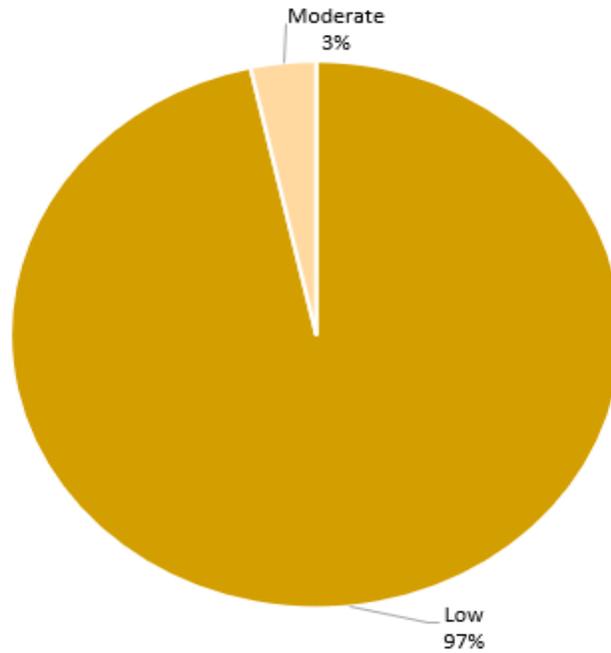


Hazardous Materials

Haz-Mat Incidents by Year



Haz-Mat Incidents by Risk Level

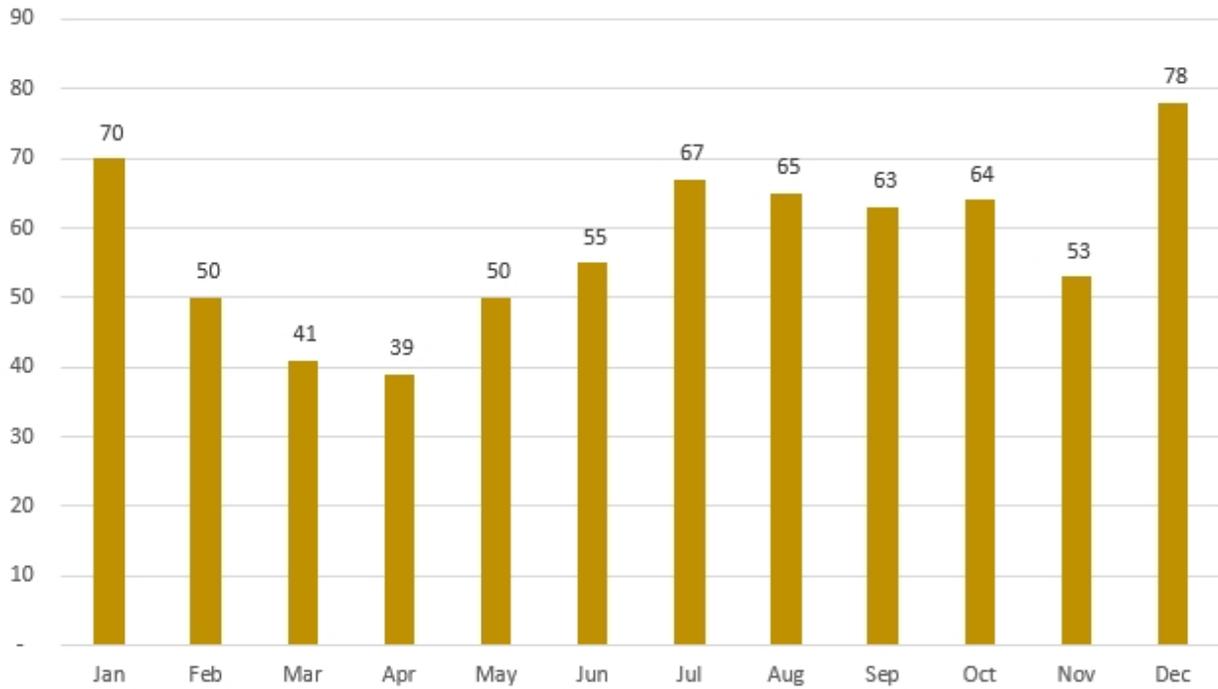


Haz-Mat and risk levels are defined by the Standard of Cover based on NFIRS call types. 97% of Haz-Mat calls are classified as low risk. n=695.

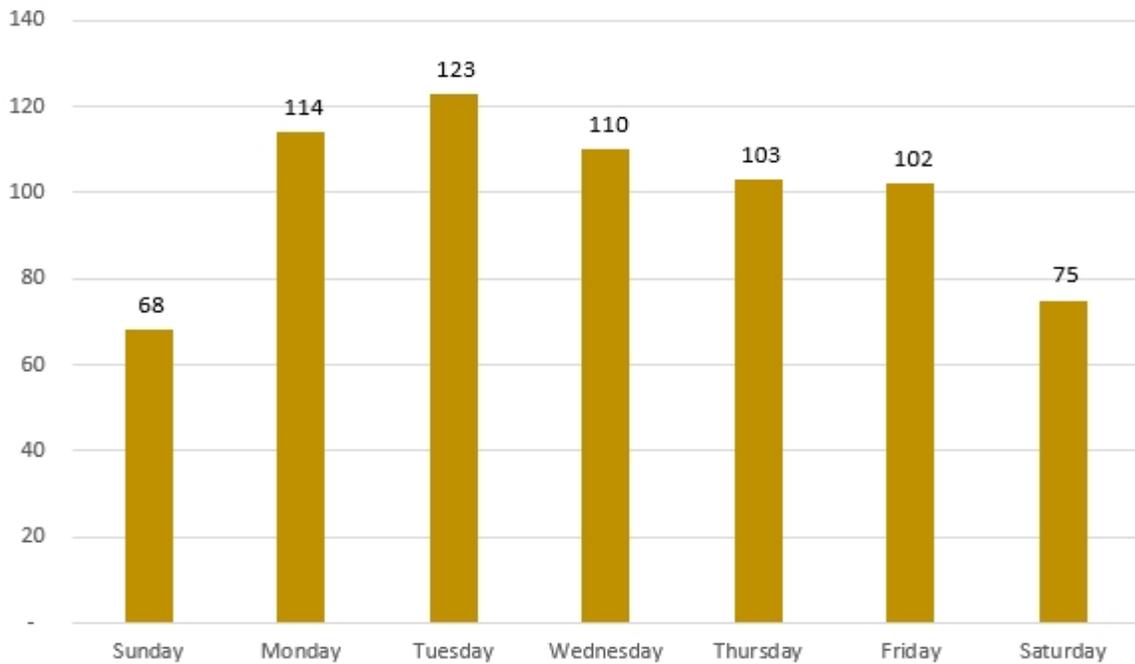


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2017-2020 Haz-Mat Incidents by Month



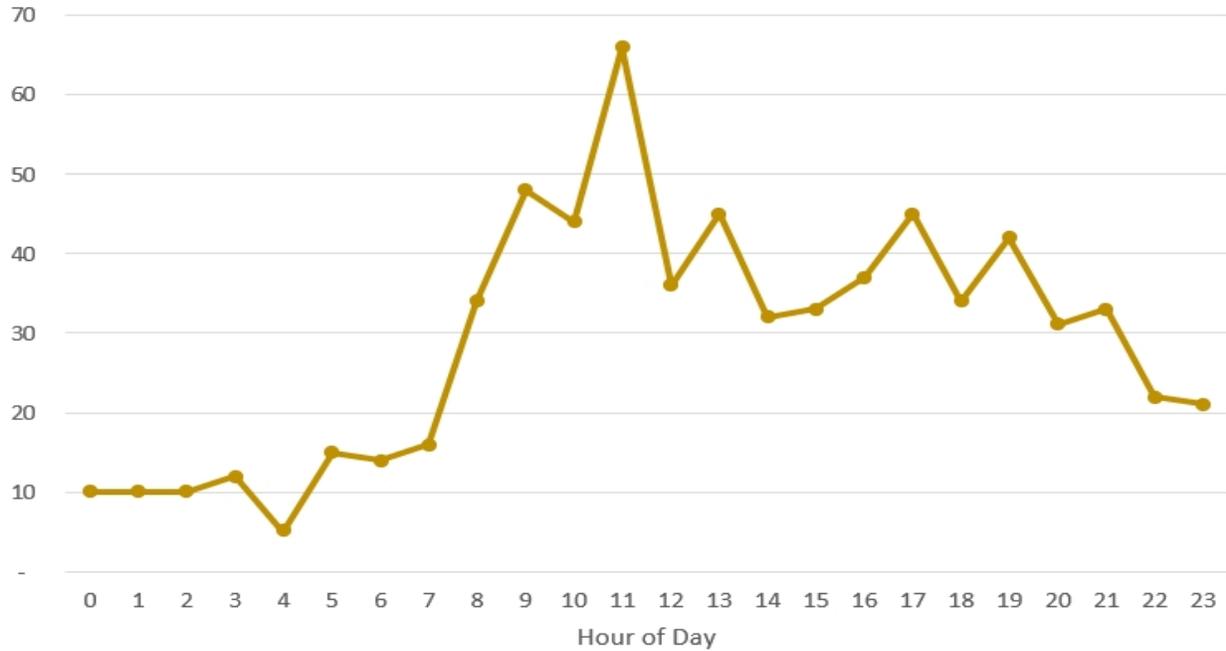
2017-2020 Haz-Mat Incidents by Day



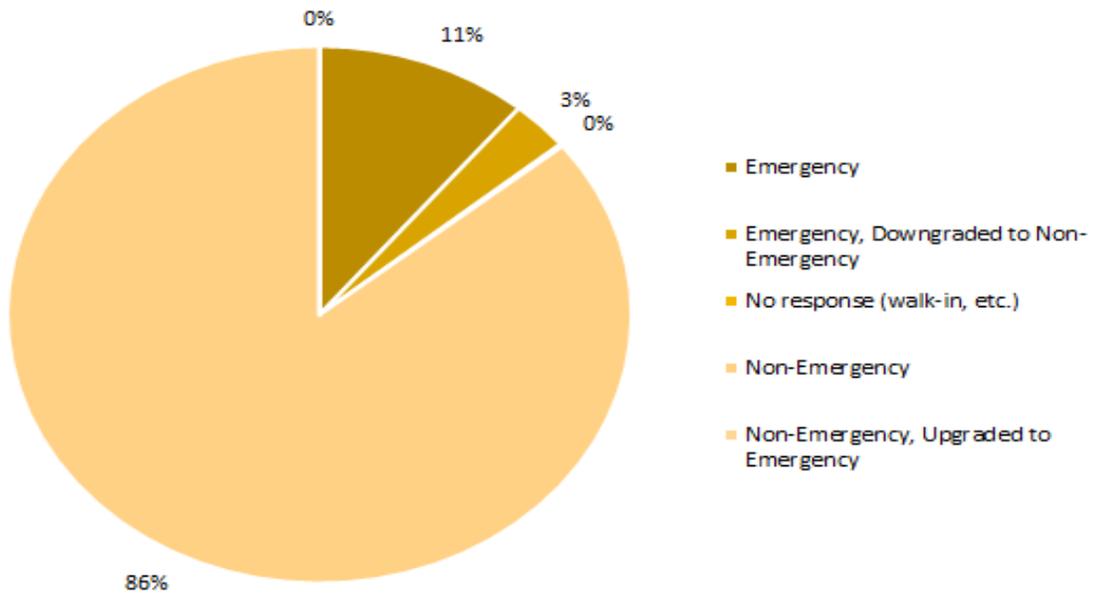


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2017-2020 Haz-Mat Incidents by Hour of Day



Haz-Mat Incidents by Response Mode



The analysis of haz-mat calls between the years 2017-2020 showed that the overall haz-mat calls increased by 27%. In 2017 the agency responded to 132 calls for service as compared



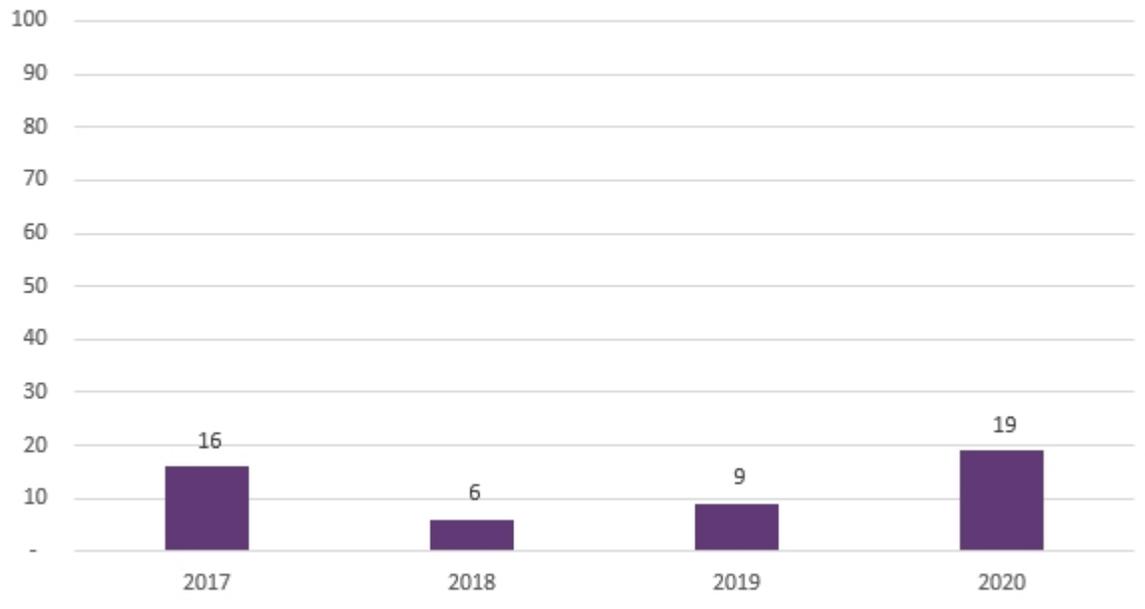
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to 168 haz-mat calls in 2020. For the high-risk category there were no incidents with a complete ERF to report on. When evaluating the data from 2017-2020 Grand Junction Fire Department responded to 78 haz-mat calls during December making it the busiest month of the year for haz-mat calls. The busiest day of the week based on the data set was Tuesday which showed a total of 123 haz-mat calls. The final component that was evaluated during this analysis was peak hours for haz-mat calls. It was noted that calls started to pick up at 0800 and taper off at 2200. The data showed that the slowest time of day for haz-mat calls is between the hours of 2200-0800. This trend remained consistent during the four years that were evaluated.

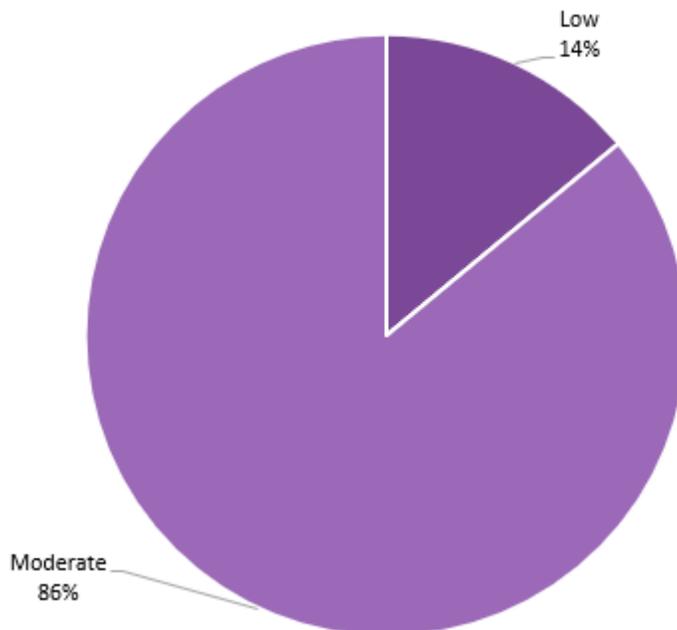


Technical Rescue

Technical Rescue Incidents by Year



Technical Rescue Incidents by Risk Level

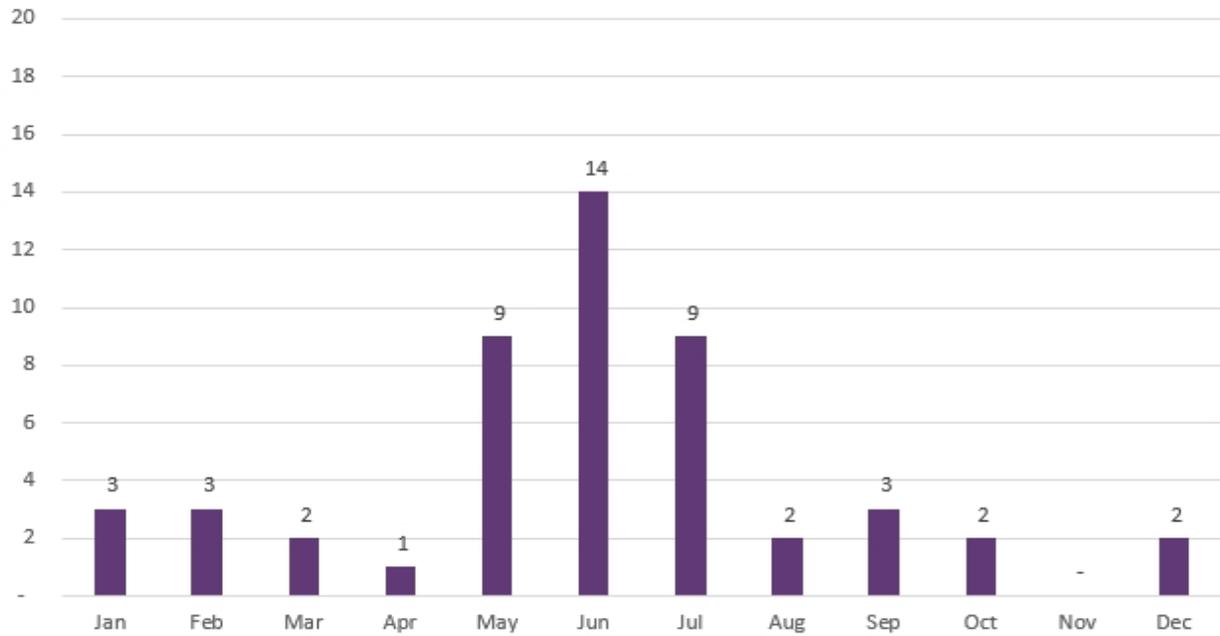


Technical Rescue and risk levels are defined by the Standard of Cover based on NFIRS call types. 86% of Technical Rescue calls are classified as high risk. No incidents classified as low risk. n=50.

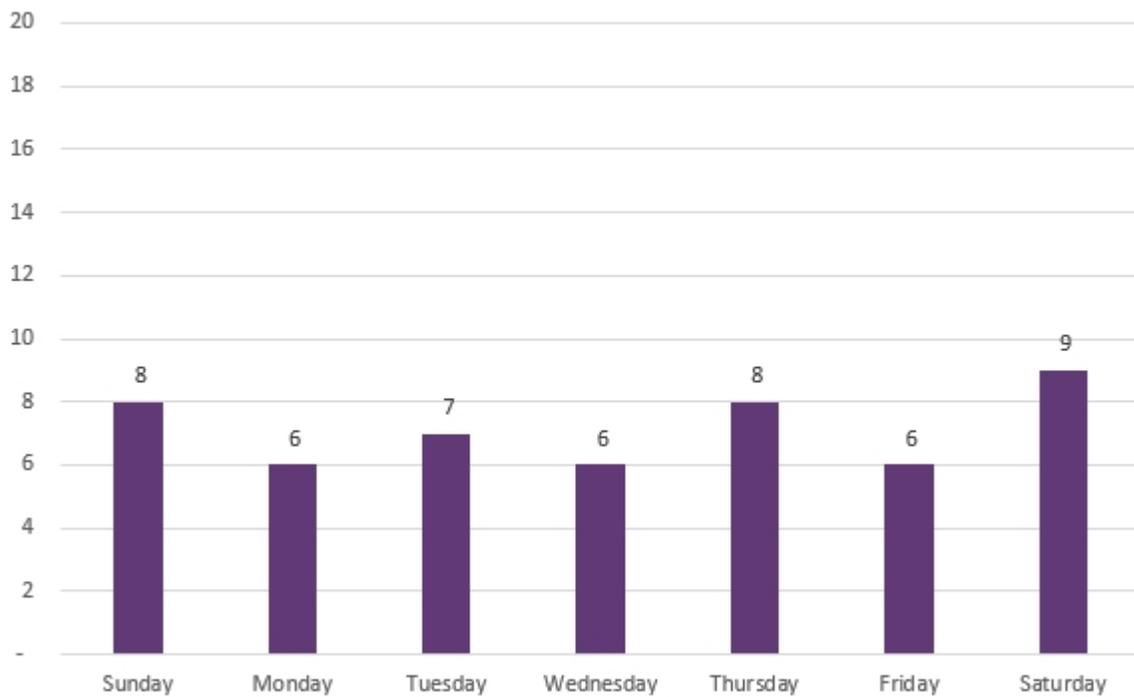


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2017-2020 Technical Rescue Incidents by Month



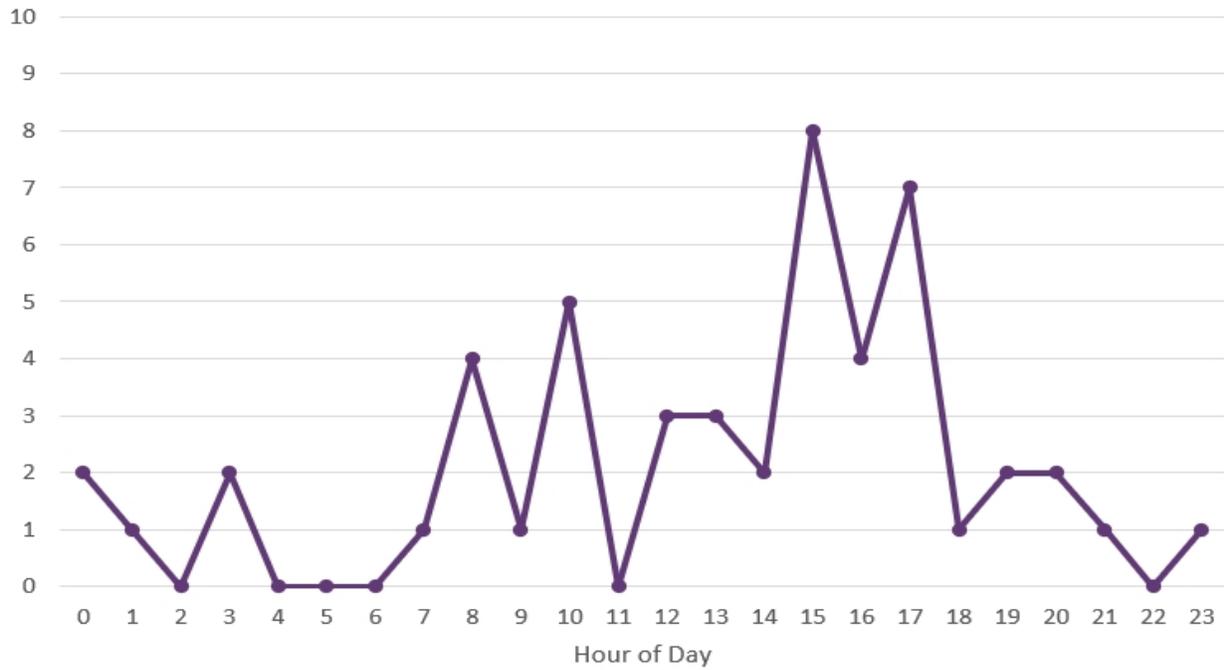
2017-2020 Technical Rescue Incidents by Day



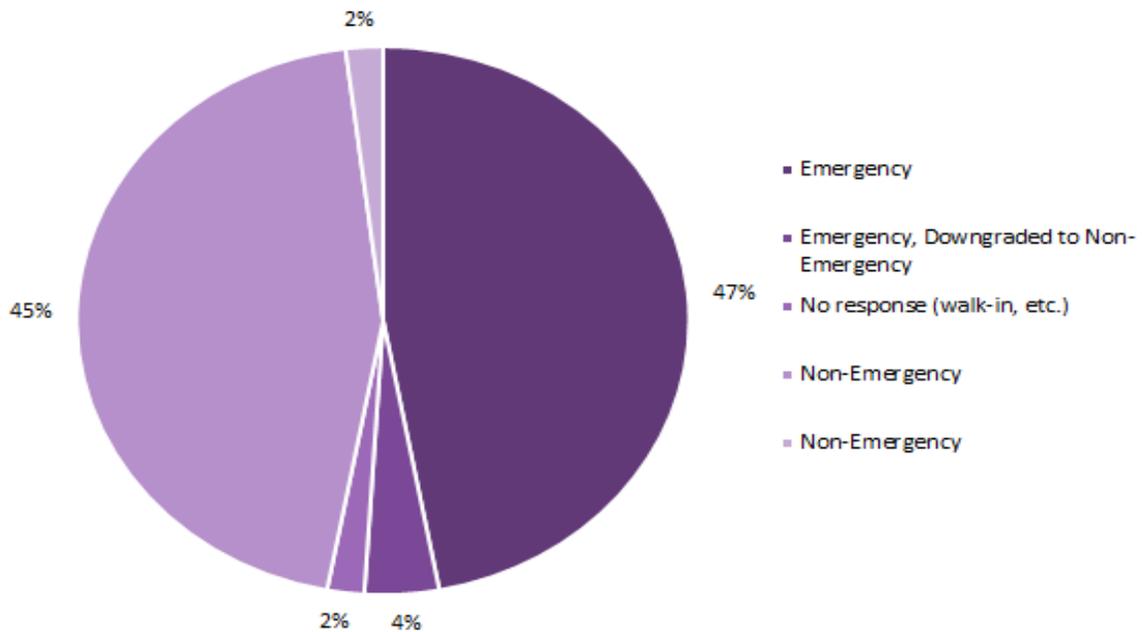


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2017-2020 Technical Rescue Incidents by Hour of Day



Technical Rescue Incidents by Response Mode





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The analysis of technical rescue calls between the years 2017-2020 showed that the overall technical rescue calls increased by 19%. In 2017 the agency responded to 16 calls for service as compared to 19 technical rescue calls in 2020. When evaluating the data from 2017-2020 Grand Junction Fire Department responded to 14 technical rescue calls during June making it the busiest month of the year for technical rescue calls. The busiest day of the week based on the data set was Saturday which showed a total of 9 technical rescue calls. The final component that was evaluated during this analysis was peak hours for technical rescue calls. It was noted that calls started to pick up at 0700 and taper off at 1800. The data showed that the slowest time of day for technical rescue calls is between the hours of 1800-0700. This trend remained consistent during the four years that were evaluated.



Section 6 – Performance Objectives, Measurements and Baselines

Data Analysis and Statistical Limits

For the purpose of the distribution and concentration factor analysis Grand Junction Fire Department has established thresholds for statistical outliers. Any response that exceeds the limits is assumed to be a data error. This assumption is based on the premise that the upper limit should include all normal responses. All duplicate, non-emergent, and calls not otherwise classified as fire, EMS, technical rescue, or hazardous materials were excluded from the analysis. Only records that had complete call processing, turnout, travel, and total response time records were used.

	Lower Limit	Upper Limit
Call Processing	00:00:00	00:05:34
Turnout Time	00:00:00	00:02:37
Travel Time	00:00:00	00:11:09
Total Response Time	00:00:00	00:16:20

Performance Objectives

Performance objectives are established for the designated hazard category and risk level for both the benchmark and baseline time measurement levels. These performance levels are derived and validated from the standard of coverage process. The agency's Community Risk Assessment and Standards of Cover document is designed to be a comprehensive analysis to include the inclusion of all necessary data by which to validate the performance of each program in its current state and demonstrate future needs for improvement. The following benchmark and baseline measurements for rural / urban population densities are reflective of the statements made in the Fire and Emergency Services Self-Assessment Manual (FESSAM) 10th edition produced by the Commission on Fire Accreditation International.



Comparability

Comparability is the review of the organization in comparison to other like-sized agencies, other accredited fire agencies, or industry best practices. Outlined below are three relevant national standards that Grand Junction Fire Department utilizes for comparison: the American Heart Association guidelines, the Insurance Services Office standards, and National Fire Protection Association standards.

American Heart Association (AHA)

The American Heart Association (AHA) has established that the brain begins to die within four to six minutes without oxygen; brain damage is irreversible after ten minutes. Interventions include early cardiopulmonary resuscitation (CPR) and electrical defibrillation. The earlier CPR is initiated, the better the patient's chance of survival. The AHA states that patients receiving CPR within two minutes and defibrillation within four minutes have a thirty percent survival rate. For patients receiving no CPR and delayed defibrillation (after ten minutes), the survival rate drops below two percent.

Insurance Services Office (ISO)

The ISO evaluates municipal fire protection in communities throughout the United States. The evaluation of a jurisdiction's fire suppression capability includes an assessment of the dispatch center (weighted at 10%), fire department staffing, apparatus, and equipment (weighted at 50%), and the water supply system (weighted at 40%). After calculating the jurisdiction's strengths and weaknesses, the department is given a rating on a scale of one to ten. A Class 1 rating is the best while a Class 10 rating represents that no fire protection services are available. Grand Junction Fire Department currently has an ISO classification of 2.



National Fire Protection Association (NFPA)

National Fire Protection Association 1710 is a nationally recognized voluntary standard for the organization and deployment of fire suppression operations, emergency medical operations, and special operations to the public by career fire departments. These standards outline an organized approach to defining levels of service, deployment capabilities, and staffing. Specifically, NFPA 1710 provides standard definitions for fire apparatus, personnel assigned, procedural guidelines within which they operate, and staffing levels needed to accomplish specific tasks on arrival at an incident. NFPA 1710 states that fire departments shall establish a performance objective of not less than 90 percent for each of the following response time objectives:

- One minute and 30 seconds (90 seconds) for alarm processing time.
- One minute and twenty seconds (80 seconds) for turnout time for fire and special operations response and one-minute (60 seconds) turnout time for EMS response.
- Four minutes (240 seconds) or less travel time for the arrival of the first arriving engine company at a fire suppression incident.
- Six minutes (360 seconds) or less travel time for the arrival of the second company with a minimum staffing of four personnel at a fire suppression incident.
- For other than high rise, eight minutes (480 seconds) or less travel time for the deployment of an initial full alarm assignment at a fire suppression incident.
- Four minutes (240 seconds) or less travel time for the arrival of a unit with first responder with automatic external defibrillator (AED) or higher-level capability at an emergency medical incident.
- Eight minutes (480 seconds) or less travel time for the arrival of an advanced life support (ALS) unit at an emergency medical incident, where this service is provided by the fire department provided a first responder with an AED or basic life support (BLS) unit arrived in 240 seconds or less travel time.



Baseline and Performance Benchmark Charts

Fire Responses - Benchmark

For 90 % of low-risk fire responses in rural and urban densities, the first arriving fire suppression apparatus shall arrive within 8 minutes total response time for urban population densities and 10 minutes in rural population densities. Low-risk fire responses shall have a 3-person crew compliant with identified critical incident tasks. The first due unit shall be capable of: providing 500 gallons of water and 1,250 gallons per minute (gpm) pumping capacity; initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 gpm; establishing an uninterrupted water supply; containing the fire; and rescuing at-risk victims. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. Low fire risk incidents include weed fires, commercial fire alarms, residential fire alarms, pest abatement, power line down, smoke investigation, illegal burn, dumpster fires, and passenger vehicle fires.

For 90 % of moderate-risk fire responses in rural and urban densities, the first arriving fire suppression apparatus shall arrive within 8 minutes total response time for urban population densities and 10 minutes in rural population densities. The second fire suppression apparatus unit shall arrive within 12 minutes in urban population densities and 13 minutes in rural population densities to complete the effective response force. Moderate-risk fire responses shall have a 7-person crew compliant with identified critical incident tasks. The ERF shall be capable of: providing 500 gallons of water and 1,250 gallons per minute (gpm) pumping capacity; initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 gpm; establishing an uninterrupted water supply; containing the fire; and rescuing at-risk victims. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. Moderate fire risk incidents include commercial vehicle fires, brush fires, railway emergencies and alert III.

For 90% of high-risk fire responses in rural and urban densities, the first arriving fire suppression apparatus shall arrive within 8 minutes total response time for urban population densities and 10



minutes in rural population densities. The rest of the ERF shall arrive within 13 minutes for urban population densities and 14 minutes for rural population densities. High-risk fire responses shall have a 15-person crew compliant with identified critical incident tasks. The ERF shall be capable of establishing command; providing an uninterrupted water supply of at least 1,250 gpm; advancing an appropriate attack line and a backup line for fire control; complying with the OSHA requirements of two in-two out by establishing a RIC; completing forcible entry; searching and rescuing at-risk victims; ventilating the structure; exposure protection; controlling utilities; and performing salvage and overhaul. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. High priority fire risk incidents include residential structure fires.

For 90% of maximum-risk fire responses in rural and urban densities, the first arriving fire suppression apparatus shall arrive within 8 minutes total response time for urban population densities and 10 minutes in rural population densities. The rest of the ERF shall arrive within 13 minutes for urban population densities and 14 minutes for rural population densities. Maximum-risk fire responses shall have an 18-person crew compliant with identified critical incident tasks. The ERF shall be capable of establishing command; providing an uninterrupted water supply of at least 1,250 gpm; advancing an appropriate attack line and a backup line for fire control; complying with the OSHA requirements of two in-two out by establishing a RIC; completing forcible entry; searching and rescuing at-risk victims; ventilating the structure; exposure protection; controlling utilities; and performing salvage and overhaul. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. Maximum fire risk incidents include commercial structure fires.



Fire Responses – Baseline

For 90 % of low-risk fire responses the first arriving fire suppression apparatus arrived in 9 minutes and 32 seconds total response time for urban population densities and 12 minutes and 01 seconds for rural population densities and had a crew compliant with identified critical incident tasks. All apparatus had crews compliant with identified critical incident tasks.

For 90 % of moderate-risk fire responses the first arriving fire suppression apparatus arrived in 12 minutes and 15 seconds total response time for urban population densities and 14 minutes and 15 seconds for rural population densities. The remaining balance of the effective response force arrived in 12 minutes and 29 seconds for the urban population densities and 13 minutes and 56 seconds for rural population densities. All apparatus had crews compliant with identified critical incident tasks. Rural population densities did not have adequate ERF assembly numbers to report for moderate-risk fire responses.

For 90 % of high-risk fire responses in all population densities, the first arriving fire suppression apparatus arrived in 11 minutes and 51 seconds total response time for urban population densities and 14 minutes and 03 seconds for rural population densities. The remaining balance of the effective response force arrived in 14 minutes and 45 seconds for the urban population densities and 14 minutes and 55 seconds for rural population densities. All apparatus had crews compliant with identified critical incident tasks.

For 90 % of maximum-risk fire responses in all population densities, the first arriving fire suppression apparatus arrived in 8 minutes and 30 seconds total response time for urban population densities and 10 minutes and 40 seconds for rural population densities. The remaining balance of the effective response force arrived in 11 minutes and 58 seconds for the urban population densities. All apparatus had crews compliant with identified critical incident tasks. Rural population densities did not have adequate ERF assembly numbers to report for maximum-risk fire responses.



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Baseline Time Summary – Fire Low Risk – 2017-2020

Low Risk Fire 90 th Percentile Times Baseline Performance		2017	2018	2019	2020	2017- 2020
Pick-up to Dispatch	Urban	0:02:14	0:02:23	0:03:01	0:02:31	0:02:42
		35	55	66	55	211
	Rural	0:02:05	0:02:40	0:02:09	0:02:54	0:02:24
		13	19	22	25	79
Turnout Time 1st Unit	Urban	0:02:02	0:02:07	0:01:49	0:01:40	0:01:57
		30	54	66	55	205
	Rural	0:02:22	0:01:57	0:01:39	0:01:17	0:01:51
		12	19	22	26	79
Travel Time 1st Unit Distribution	Urban	0:05:56	0:06:05	0:06:15	0:06:36	0:06:26
		34	55	66	54	209
	Rural	0:08:32	0:07:01	0:08:03	0:08:42	0:08:27
		13	18	21	25	77
Travel Time ERF Concentration	Urban	ERF is a single unit, same as 1st unit on scene				
	Rural	ERF is a single unit, same as 1st unit on scene				
Total Response Time 1st Unit on Scene Distribution	Urban	0:09:28	0:09:05	0:10:03	0:09:24	0:09:32
		35	55	67	54	211
	Rural	0:11:26	0:09:50	0:11:11	0:13:02	0:12:01
		13	18	22	26	79
Total Response Time ERF Concentration	Urban	ERF is a single unit, same as 1st unit on scene				
	Rural	ERF is a single unit, same as 1st unit on scene				

Fire as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between



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2017-2020. Only records with emergent responses were included, and records whose alarm handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level. Sample sizes (n=) less than 10 are not considered statistically valid, an estimated 90th percentile is shown in these cases.



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Baseline Time Summary – Fire Moderate Risk – 2017-2020

Moderate Risk Fire 90th Percentile Times Baseline Performance		2017	2018	2019	2020	2017- 2020
Pick-up to Dispatch	Urban	0:01:48	0:02:30	0:02:53	0:02:20	0:02:43
		27	14	39	42	122
	Rural	0:03:08	0:03:30	0:02:53	0:02:50	0:03:07
		12	16	11	28	67
Turnout Time 1st Unit	Urban	0:01:58	0:02:12	0:01:47	0:01:21	0:01:56
		23	15	39	40	117
	Rural	0:02:09	0:02:15	0:01:15	0:01:23	0:02:03
		11	15	12	28	66
Travel Time 1st Unit Distribution	Urban	0:08:41	0:07:23	0:07:04	0:08:39	0:08:20
		25	15	37	40	117
	Rural	0:08:00	0:09:00	0:08:35	0:10:33	0:09:21
		10	14	10	25	59
Travel Time ERF Concentration	Urban	0:09:07	0:06:01	0:07:30	0:09:40	0:09:23
		5	2	7	5	19
	Rural	0:08:10	0:10:28	0:06:12	0:09:47	0:10:17
		1	3	1	1	6
Total Response Time 1st Unit on Scene Distribution	Urban	0:10:50	0:11:00	0:14:14	0:10:38	0:12:15
		26	15	41	41	123
	Rural	0:11:09	0:14:02	0:14:33	0:13:51	0:14:15
		11	15	11	24	61
Total Response Time ERF Concentration	Urban	0:10:54	0:09:33	0:13:19	0:11:39	0:12:29
		3	2	8	4	17
	Rural	0:09:16	0:13:52	0:09:23	0:13:14	0:13:56
		1	2	1	2	6

Fire as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between 2017-2020. Only records with emergent responses were included, and records whose alarm



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handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level. Sample sizes (n=) less than 10 are not considered statistically valid, an estimated 90th percentile is shown in these cases.



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Baseline Time Summary – Fire High Risk – 2017-2020

High Risk Fire 90th Percentile Times Baseline Performance		2017	2018	2019	2020	2017- 2020
Pick-up to Dispatch	Urban	0:02:31	0:03:19	0:03:33	0:02:18	0:03:02
		19	23	24	36	102
	Rural	0:01:45	0:02:33	0:01:14	0:02:59	0:02:49
		4	10	3	11	28
Turnout Time 1st Unit	Urban	0:02:07	0:02:25	0:02:05	0:01:40	0:02:12
		20	23	26	39	108
	Rural	0:01:58	0:01:57	0:01:35	0:01:33	0:01:56
		4	10	4	10	28
Travel Time 1st Unit Distribution	Urban	0:09:09	0:05:41	0:06:28	0:07:40	0:07:28
		20	24	26	37	107
	Rural	0:08:23	0:10:12	0:06:44	0:07:39	0:09:17
		4	10	4	10	28
Travel Time ERF Concentration	Urban	0:10:02	0:10:31	0:11:03	0:10:12	0:10:56
		2	2	8	7	19
	Rural	0:07:48	0:08:09	-	0:09:24	0:09:09
		1	1	-	1	3
Total Response Time 1st Unit on Scene Distribution	Urban	0:12:23	0:11:25	0:10:35	0:10:51	0:11:51
		20	24	25	38	107
	Rural	0:10:49	0:13:58	0:13:18	0:12:41	0:14:03
		4	10	4	11	29
Total Response Time ERF Concentration	Urban	0:13:41	0:14:43	0:14:49	0:14:17	0:14:45
		2	3	8	10	23
	Rural	0:09:14	0:14:36	-	0:14:48	0:14:55
		1	3	-	2	6

Fire as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between 2017-2020. Only records with emergent responses were included, and records whose alarm



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handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level. Sample sizes (n=) less than 10 are not considered statistically valid, an estimated 90th percentile is shown in these cases.



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Baseline Time Summary – Fire Maximum Risk – 2017-2020

Maximum Risk Fire 90th Percentile Times Baseline Performance		2017	2018	2019	2020	2017- 2020
Pick-up to Dispatch	Urban	0:01:30	0:02:28	0:03:05	0:03:52	0:02:56
		8	4	10	12	34
	Rural	0:01:06	-	0:01:27	0:02:56	0:02:32
		1	-	4	2	7
Turnout Time 1st Unit	Urban	0:02:31	0:02:07	0:01:45	0:01:23	0:02:04
		8	2	10	12	32
	Rural	0:00:18	-	0:01:40	0:00:40	0:01:39
		1	-	4	2	7
Travel Time 1st Unit Distribution	Urban	0:05:18	0:03:16	0:05:06	0:06:08	0:05:39
		8	3	10	12	33
	Rural	0:05:04	-	0:08:27	0:06:12	0:07:45
		1	-	4	2	7
Travel Time ERF Concentration	Urban	0:09:52	-	0:10:00	-	0:10:07
		4	-	1	-	5
	Rural	-	-	0:08:31	-	0:08:31
		-	-	1	-	1
Total Response Time 1st Unit on Scene Distribution	Urban	0:07:16	0:07:41	0:08:09	0:08:45	0:08:30
		8	4	10	12	34
	Rural	0:06:28	-	0:11:23	0:09:10	0:10:40
		1	-	4	2	7
Total Response Time ERF Concentration	Urban	0:12:04	0:06:27	-	-	0:11:58
		4	1	-	-	5
	Rural	-	-	-	-	-
		-	-	-	-	-

Fire as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between 2017-2020. Only records with emergent responses were included, and records whose alarm



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handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level.



Emergency Medical Service Responses – Benchmark

For 90 % of low-risk emergency medical responses in rural and urban densities, an advanced life support / basic life support unit shall arrive within 8 minutes total response time for urban population densities and 10 minutes total response time for rural population densities. Low-risk emergency medical responses shall have a 2-person crew compliant with identified critical incident tasks. The first-due unit shall be capable of: assessing scene safety and establishing command; sizing up the situation; conducting an initial patient assessment; obtaining vitals and patient's medical history; providing first responder medical aid including automatic external defibrillation (AED); and packaging the patient for transport. Low risk emergency medical services incidents include abdominal pain, diabetic problems, eye problems, headache, sick person, and fainting.

For 90 % of moderate-risk emergency medical responses in rural and urban population densities, an advanced life support / basic life support unit shall arrive within 8 minutes total response time for urban population densities and 10 minutes total response time for rural population densities. The ERF for assembly for this risk for urban population densities shall be 12 minutes and 14 minutes for rural population densities. Moderate-risk emergency medical responses shall have a 5-person crew compliant with identified critical incident tasks. The ERF shall be capable of: providing incident command and producing related documentation; appointing a site safety officer; completing patient assessment; performing AED; initiating cardiopulmonary resuscitation (CPR); and assisting transport personnel. Moderate risk emergency medical services incidents include allergies, animal bites, assault, back pain, breathing problems, burns, carbon monoxide, chest pain, seizures, drowning, electrocution, falls, heart problems, heat / cold exposure, hemorrhage, overdose, traumatic injury (stabbing / gunshot), and strokes

For 90 % of high-risk emergency medical responses in all population densities, an Advanced life support / Basic life support unit shall arrive within 8 minutes total response time for urban population densities and 10 minutes total response time for rural population densities. The ERF for assembly for urban population densities shall be 12 minutes and 14 minutes for rural population densities. High-risk emergency medical responses shall have a 6-person crew



compliant with identified critical incident tasks. The ERF shall be capable of providing incident command and producing related documentation; appointing a site safety officer; completing patient assessment; performing AED; initiating cardiopulmonary resuscitation (CPR); and assisting transport personnel. High risk emergency medical services incidents include cardiac arrest, choking, pregnancy, and electrocution.

Emergency Medical Service Responses – Baselines

For 90 % of low-risk emergency medical responses an advanced life support / basic life support unit arrived within 11 minutes and 17 seconds total response time for urban population densities and 13 minutes and 37 seconds for rural population densities. All apparatus had crews compliant with identified critical tasks.

For 90 % of moderate-risk emergency medical responses an advanced life support / basic life support unit arrived within 10 minutes and 33 seconds total response time for urban population densities and 12 minutes and 58 seconds for rural population densities. The remaining balance of the effective response force arrived in 12 minutes and 47 seconds for urban population densities and 14 minutes for rural population densities. All apparatus had crews compliant with identified critical incident tasks.

For 90 % of high-risk emergency medical responses an advanced life support / basic life support unit arrived within 8 minutes and 7 seconds total response time for urban population densities and 8 minutes and 58 seconds for rural population densities. The remaining balance of the effective response force arrived in 10 minutes and 35 seconds for urban population densities and 9 minutes and 23 seconds for rural population densities. All apparatus had crews compliant with identified critical incident tasks.



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Baseline Time Summary – EMS Low Risk – 2017-2020

Low Risk EMS 90 th Percentile Times Baseline Performance		2017	2018	2019	2020	2017-2020
Pick-up to Dispatch	Urban	0:03:14	0:03:54	0:04:02	0:03:56	0:03:50
		1713	1614	2009	2040	7376
	Rural	0:03:10	0:04:00	0:03:59	0:04:01	0:03:56
		306	289	364	377	1336
Turnout Time 1st Unit	Urban	0:01:56	0:01:55	0:01:37	0:01:16	0:01:43
		1702	1576	2029	2065	7372
	Rural	0:01:48	0:02:02	0:01:37	0:01:16	0:01:43
		302	295	375	382	1354
Travel Time 1st Unit Distribution	Urban	0:06:32	0:07:07	0:07:09	0:07:24	0:07:06
		1651	1510	1899	1927	6987
	Rural	0:08:35	0:09:14	0:09:28	0:09:20	0:09:13
		282	265	330	334	1211
Travel Time ERF Concentration	Urban	ERF is one unit, same as 1st unit times				
	Rural	ERF is one unit, same as 1st unit times				
Total Response Time 1st Unit on Scene Distribution	Urban	0:09:58	0:11:44	0:11:27	0:11:30	0:11:17
		1670	1554	1933	1957	7114
	Rural	0:12:32	0:14:10	0:13:37	0:13:50	0:13:37
		296	276	342	348	1262
Total Response Time ERF Concentration	Urban	ERF is one unit, same as 1st unit times				
	Rural	ERF is one unit, same as 1st unit times				

EMS as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between



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2017-2020. Only records with emergent responses were included, and records whose alarm handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level. Sample sizes (n=) less than 10 are not considered statistically valid, an estimated 90th percentile is shown in these cases.



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Baseline Time Summary – EMS Moderate Risk – 2017-2020

Moderate Risk EMS 90 th Percentile Times Baseline Performance		2017	2018	2019	2020	2017- 2020
Pick-up to Dispatch	Urban	0:03:51	0:04:09	0:04:14	0:04:26	0:04:16
		55	113	194	152	514
	Rural	0:04:12	0:04:53	0:04:31	0:04:17	0:04:31
		24	42	53	58	177
Turnout Time 1st Unit	Urban	0:01:57	0:02:05	0:01:55	0:01:27	0:01:53
		53	118	202	158	531
	Rural	0:01:59	0:01:56	0:01:47	0:01:31	0:01:52
		25	48	57	60	190
Travel Time 1st Unit Distribution	Urban	0:05:30	0:05:21	0:06:12	0:06:20	0:06:06
		54	119	203	157	533
	Rural	0:08:03	0:07:30	0:08:12	0:09:54	0:08:54
		25	50	59	59	193
Travel Time ERF Concentration	Urban	0:07:24	0:07:50	0:07:47	0:08:40	0:08:02
		47	84	159	128	418
	Rural	0:08:50	0:08:56	0:09:10	0:10:12	0:09:20
		24	32	44	34	134
Total Response Time 1st Unit on Scene Distribution	Urban	0:09:07	0:10:03	0:10:42	0:10:50	0:10:33
		54	117	205	160	536
	Rural	0:10:45	0:13:02	0:12:05	0:13:48	0:12:58
		24	46	57	59	186
Total Response Time ERF Concentration	Urban	0:13:09	0:11:42	0:12:31	0:13:11	0:12:47
		48	80	163	130	421
	Rural	0:12:30	0:13:40	0:13:40	0:14:28	0:14:00
		22	30	42	35	129

EMS as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between 2017-2020. Only records with emergent responses were included, and records whose alarm



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Baseline Time Summary – EMS High Risk – 2017-2020

High Risk EMS 90th Percentile Times Baseline Performance		2017	2018	2019	2020	2017-2020
Pick-up to Dispatch	Urban	0:02:29	0:04:01	0:03:18	0:02:30	0:03:21
		6	9	8	5	28
	Rural	0:03:16	0:01:43	0:03:04	-	0:03:15
		3	1	1	-	5
Turnout Time 1st Unit	Urban	0:01:17	0:01:36	0:01:38	0:01:34	0:01:39
		5	9	8	5	27
	Rural	0:01:37	0:01:07	0:01:29	0:00:33	0:01:40
		2	1	1	1	5
Travel Time 1st Unit Distribution	Urban	0:03:09	0:03:42	0:04:53	0:04:21	0:04:15
		5	9	8	5	27
	Rural	0:02:34	0:02:28	0:05:05	0:06:26	0:05:54
		2	1	1	1	5
Travel Time ERF Concentration	Urban	0:03:37	0:05:41	0:05:58	0:07:20	0:06:09
		7	9	8	6	30
	Rural	0:05:08	0:02:28	0:05:19	0:07:15	0:06:17
		3	1	1	1	6
Total Response Time 1st Unit on Scene Distribution	Urban	0:05:47	0:07:17	0:09:05	0:07:24	0:08:07
		5	9	8	5	27
	Rural	0:07:03	0:05:18	0:09:38	-	0:08:58
		2	1	1	-	4
Total Response Time ERF Concentration	Urban	0:06:16	0:09:51	0:10:37	0:11:34	0:10:35
		7	9	8	6	30
	Rural	0:08:23	0:05:23	0:09:38	-	0:09:23
		3	1	1	-	5

EMS as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between 2017-2020. Only records with emergent responses were included, and records whose alarm



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handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level. Sample sizes (n=) less than 10 are not considered statistically valid, an estimated 90th percentile is shown in these cases



Hazardous Materials Responses – Benchmark

For 90 % of low-risk hazardous materials incidents in rural and urban population densities, a fire suppression company capable of basic hazardous materials mitigation shall arrive within 8 minutes total response time for urban population densities and 10 minutes for rural population densities. Low-risk hazardous materials responses shall have a 3-person crew compliant with identified critical incident tasks. The first due unit shall be capable of: providing 500 gallons of water and 1,250 gallons per minute (gpm) pumping capacity; initiating command; requesting additional resources; establishing an uninterrupted water supply; and identifying potential hazardous materials or explosive devices. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. Low risk hazardous materials incidents include level II hazardous materials incident, carbon monoxide, gas leaks and fuel spills < 25 gallons, hazardous condition, other, combustible/flammable gas/ liquid condition, other, gas leaks, or toxic conditions.

For 90 % of moderate-risk hazardous materials incidents in rural and urban population densities, a fire company capable of hazardous materials mitigation shall arrive within 8 minutes total response time for urban population densities and 10 minutes for rural population densities. The ERF for assembly for urban population densities shall be 10 minutes and 12 minutes for rural population densities. Moderate-risk hazardous materials responses shall have a 13-person crew compliant with identified critical incident tasks. The ERF shall be capable of establishing command; providing an uninterrupted water supply of at least 1,250 gpm; complying with the OSHA requirements of two in-two out; searching and rescuing at-risk victims; provide technical expertise, knowledge, skills, and abilities to mitigate an imminent threat to the citizens within the agency's response area. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. Moderate risk hazardous materials incidents include level III hazardous materials incidents including overpressure rupture from air or gas, air of gas rupture of pressure of process vessel, chemical hazard, chemical spill, or leak, and biological hazard confirmed or suspected.

For 90 % of high-risk hazardous materials incidents in rural and urban population densities, a fire company capable of hazardous materials mitigation shall arrive within 8 minutes total response



time for urban population densities and 10 minutes for rural population densities. The ERF for assembly for urban population densities shall be 13 minutes and 15 minutes for rural population densities. High-risk hazardous materials responses shall have a 19-person crew compliant with identified critical incident tasks. The ERF shall be capable of establishing command; providing an uninterrupted water supply of at least 1,250 gpm; complying with the OSHA requirements of two in-two out; searching and rescuing at-risk victims; provide technical expertise, knowledge, skills, and abilities to mitigate an imminent threat to the citizens within the agency's response area. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. High risk hazardous materials incidents include advanced responses that require more staff and resources to mitigate the incident.

Hazardous Materials Responses – Baselines

For 90 % of low-risk hazardous materials incidents a fire suppression company capable of basic hazardous materials mitigation arrived within 9 minutes and 45 seconds total response time in the urban population densities and 11 minutes and 28 seconds for rural population densities and had a crew compliant with identified critical incident tasks. Rural population densities did not have adequate incident responses to report low-risk hazardous material response.

Moderate-hazardous materials for rural and urban population densities did not have adequate first arriving unit and ERF assembly numbers to report for moderate-risk hazardous materials responses.

High-hazardous materials for rural and urban population densities did not have adequate first arriving unit and ERF assembly numbers to report for high-risk hazardous materials responses.



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Baseline Time Summary – Haz-Mat Low – 2017-2020

Low Risk HazMat 90 th Percentile Times Baseline Performance		2017	2018	2019	2020	2017- 2020
Pick-up to Dispatch	Urban	0:02:48	0:01:28	0:03:56	0:02:05	0:03:29
		11	11	32	9	63
	Rural	0:00:00	0:02:15	0:01:42		0:02:07
		1	2	4		7
Turnout Time 1st Unit	Urban	0:01:51	0:02:03	0:01:36	0:01:32	0:01:52
		11	9	30	9	59
	Rural	0:01:30	0:02:04	0:01:54		0:02:04
		1	1	4		6
Travel Time 1st Unit Distribution	Urban	0:07:05	0:05:16	0:06:34	0:07:54	0:07:02
		10	11	30	9	60
	Rural	0:06:47	0:03:51	0:06:34	-	0:06:54
		1	2	3	-	6
Travel Time ERF Concentration	Urban	ERF is one unit, same as 1st unit				
	Rural	ERF is one unit, same as 1st unit				
Total Response Time 1st Unit on Scene Distribution	Urban	0:08:57	0:09:30	0:09:33	0:10:01	0:09:45
		10	11	30	9	60
	Rural	0:08:17	0:08:18	0:13:26	-	0:11:28
		1	2	4	-	7
Total Response Time ERF Concentration	Urban	ERF is one unit, same as 1st unit				
	Rural	ERF is one unit, same as 1st unit				

Haz-Mat as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between



2017-2020. Only records with emergent responses were included, and records whose alarm handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level. Sample sizes (n=) less than 10 are not considered statistically valid, an estimated 90th percentile is shown in these cases.

Technical Rescue Responses – Benchmark

For 90 % of low-risk technical rescue incidents a fire company capable of technical rescue mitigation shall arrive within 8 minutes total response time for urban population densities and 10 minutes for rural population densities. Low-risk technical rescue responses shall have a 3-person crew compliant with identified critical incident tasks. The first due unit shall be capable of: initiating command; requesting additional resources and identifying potentially hazardous conditions. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. including the capability staging and apparatus set up; providing technical expertise, knowledge, skills, and abilities during technical rescue incidents; and providing first responder medical support. Low risk technical rescue incidents include swift water investigations and elevator rescues.

For 90 % of moderate-risk technical rescue incidents in all population densities, a fire company capable of technical rescue mitigation shall arrive within 8 minutes total response time for urban population densities and 10 minutes for rural population densities. The remaining balance of the effective response force shall arrive within 10 minutes for urban population densities and 12 minutes for rural population densities. Moderate-risk technical rescue responses shall have a 9-person crew compliant with identified critical incident tasks. The ERF shall be capable of establishing command; complying with the OSHA requirements of two in-two out; searching and rescuing at-risk victims; provide technical expertise, knowledge, skills, and abilities to mitigate an imminent threat to the citizens within the agency's response area. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. Moderate risk technical rescue incidents include all incidents involving technical rescue.

For 90 % of high-risk technical rescue incidents in all population densities, a fire company capable of technical rescue mitigation shall arrive within 8 minutes total response time for urban



population densities and 10 minutes for rural population densities. The remaining balance of the effective response force shall arrive within 12 minutes for urban population densities and 14 minutes for rural population densities. High-risk technical rescue responses shall have a 16-person crew compliant with identified critical incident tasks. The ERF shall be capable of establishing command; complying with the OSHA requirements of two in-two out; searching and rescuing at-risk victims; provide technical expertise, knowledge, skills, and abilities to mitigate an imminent threat to the citizens within the agency's response area. These operations shall be done in accordance with departmental standard operating procedures while providing for the safety of responders and the general public. High risk technical rescue incidents include advanced responses that require more staff and resources to mitigate the incident.

Technical Rescue Responses – Baselines

For 90 % of moderate-tech rescue responses the first arriving fire suppression apparatus arrived in 10 minutes and 41 seconds total response time for urban population densities and 7 minutes and 2 seconds for rural population densities. The remaining balance of the effective response force arrived in 14 minutes and 11 seconds for the urban population densities. All apparatus had crews compliant with identified critical incident tasks. Rural population density did not have adequate ERF assembly numbers to report for moderate-risk tech rescue responses.

Low and high-risk technical rescue calls for rural and urban population densities did not have adequate first arriving unit and ERF assembly numbers to report.



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Baseline Time Summary – Tech Rescue Moderate – 2017-2020

Moderate Risk Tech Rescue 90th Percentile Times Baseline Performance		2017	2018	2019	2020	2017- 2020
Pick-up to Dispatch	Urban	0:02:54	0:03:08	0:01:39	0:05:02	0:03:49
		3	1	2	3	9
	Rural	0:04:17	0:03:12	0:04:59	0:02:38	0:04:49
		2	1	2	1	6
Turnout Time 1st Unit	Urban	0:00:34	0:00:49	0:01:10	0:01:22	0:01:12
		3	1	3	5	12
	Rural	0:00:04	0:01:24	0:01:25	0:01:51	0:01:41
		1	1	2	3	7
Travel Time 1st Unit Distribution	Urban	0:06:43	0:09:22	0:06:29	0:10:42	0:10:41
		3	1	2	4	10
	Rural	0:03:56	-	0:06:58	0:06:25	0:07:02
		1	-	2	2	5
Travel Time ERF Concentration	Urban	-	-	-	0:07:25	0:07:25
		-	-	-	1	1
	Rural	-	-	-	-	-
		-	-	-	-	-
Total Response Time 1st Unit on Scene Distribution	Urban	0:13:22	0:13:19	0:13:26	0:12:51	0:14:11
		2	1	2	2	7
	Rural	0:07:23	-	0:13:22	0:07:40	0:12:17
		1	-	2	1	4
Total Response Time ERF Concentration	Urban	-	-	-	0:12:20	0:12:20
		-	-	-	1	1
	Rural	-	-	-	-	-
		-	-	-	-	-

Technical Rescue as a category and subsequent risk levels are determined by the Standard of Cover and based on NFIRS categories. Data in this table represent apparatus response records between 2017-2020. Only records with emergent responses were included, and records whose



alarm handling, turnout, travel, and total response times fall within the following statistical limits: 00:05:34, 00:02:37, 00:11:09, 00:16:20. Thus, the data shown represents only a small fraction of total calls that fall in this category and risk level. Sample sizes (n=) less than 10 are not considered statistically valid, an estimated 90th percentile is shown in these cases.

Service Delivery Gap Analysis

Evaluating service delivery gaps within the agency is a crucial piece of the agency's continuous improvement model. Within this section is a review of service gaps for all risk levels that were evaluated in the effective response force tables. The evaluation that is provided below is based on the agency's established benchmark goals and baseline data. The established benchmarks that are utilized have been set by the department based on an analysis of four years' worth of data. To come up with the identified service gap time the benchmark number is subtracted from the baseline number to give a true representation on service delivery improvement needs. This information is presented in a minutes: seconds format. During gap analysis process each risk category is evaluated for first arriving unit and effective response force (ERF) assembly for both rural and urban population densities.



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Fire Suppression

Fire Suppression – First Arriving Unit			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	9:32	8:00	1:32
Low (Rural)	12:01	10:00	2:01
Moderate (Urban)	12:15	8:00	4:15
Moderate (Rural)	14:15	10:00	4:15
High (Urban)	11:51	8:00	3:51
High (Rural)	14:03	10:00	4:03
Maximum (Urban)	8:30	8:00	0:30
Maximum (Rural)	10:40	10:00	0:40

Fire Suppression – Effective Response Force (ERF)			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	9:32	8:00	1:32
Low (Rural)	12:01	10:00	2:01
Moderate (Urban)	12:29	12:00	:29
Moderate (Rural)	13:56	13:00	:56
High (Urban)	14:45	13:00	1:45
High (Rural)	14:55	14:00	:55
Maximum (Urban)	11:58	13:00	met
Maximum (Rural)	N/A	14:00	N/A

*The agency did not respond to enough maximum calls for rural ERF.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Emergency Medical Services

Emergency Medical Services – First Arriving Unit			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	11:17	8:00	3:17
Low (Rural)	13:37	10:00	3:37
Moderate (Urban)	10:33	8:00	2:33
Moderate (Rural)	12:58	10:00	2:58
High (Urban)	8:07	8:00	:07
High (Rural)	8:58	10:00	met

Emergency Medical Services – Effective Response Force (ERF)			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	11:17	8:00	3:17
Low (Rural)	13:37	10:00	3:37
Moderate (Urban)	12:47	12:00	:47
Moderate (Rural)	14:00	14:00	met
High (Urban)	10:35	12:00	met
High (Rural)	9:23	14:00	met



Hazardous Materials

Hazardous Materials – First Arriving Unit			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	9:45	8:00	1:45
Low (Rural)	11:28	10:00	1:28
Moderate (Urban)	N/A	8:00	N/A
Moderate (Rural)	N/A	10:00	N/A
High (Urban)	N/A	8:00	N/A
High (Rural)	N/A	10:00	N/A

*The agency did not respond to enough moderate-risk rural/urban calls, and high-risk rural / urban calls to provide a gap analysis.

Hazardous Materials – Effective Response Force (ERF)			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	9:45	8:00	1:45
Low (Rural)	11:28	10:00	1:28
Moderate (Urban)	N/A	10:00	N/A
Moderate (Rural)	N/A	12:00	N/A
High (Urban)	N/A	13:00	N/A
High (Rural)	N/A	15:00	N/A

*The agency did not respond to enough moderate-risk rural/urban calls, and high-risk rural / urban calls for ERF.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Technical Rescue

Technical Rescue – First Arriving Unit			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	N/A	8:00	N/A
Low (Rural)	N/A	10:00	N/A
Moderate (Urban)	14:11	8:00	6:11
Moderate (Rural)	12:17	10:00	2:17
High (Urban)	N/A	8:00	N/A
High (Rural)	N/A	10:00	N/A

*The agency did not respond to enough low-risk rural/urban calls and high-risk rural / urban calls to provide a gap analysis.

Technical Rescue – Effective Response Force (ERF)			
Risk	Baseline	Benchmark	Service Gap
Low (Urban)	N/A	8:00	N/A
Low (Rural)	N/A	10:00	N/A
Moderate (Urban)	12:20	10:00	2:20
Moderate (Rural)	N/A	12:00	N/A
High (Urban)	N/A	12:00	N/A
High (Rural)	N/A	14:00	N/A

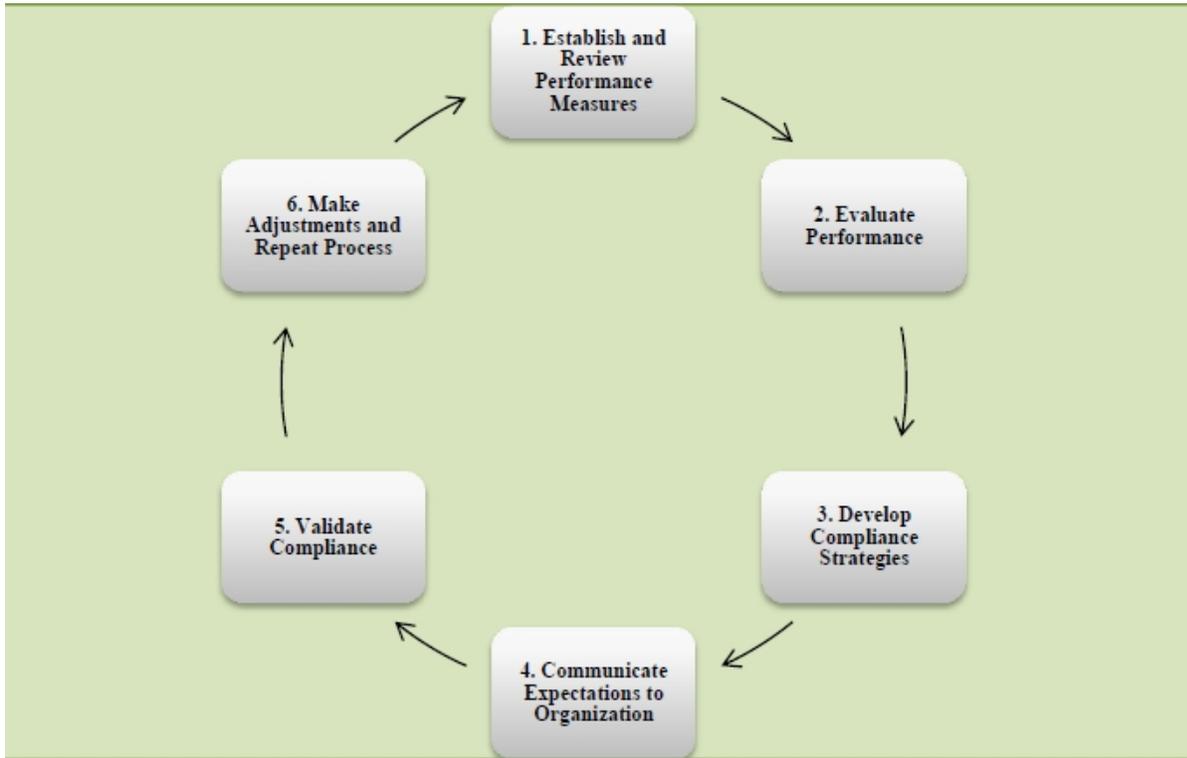
*The agency did not respond to enough low-risk rural/urban calls, moderate-risk rural calls, and high-risk rural / urban calls to provide a gap analysis.



Section 7 – Compliance Methodology

Continuous monitoring and evaluation reflect the resources and efforts that are put in place to ensure that continuous improvement is gained by the institutionalization of the accreditation process and the use of the data and analysis within the standard of cover. This section describes the methodology that is being used by Grand Junction Fire Department to maintain and improve the components of this process. Each component includes determinations with compliance with the performance objectives and measurements established because of this process. The standard of cover is a starting point for the improvement of service delivery as it has identified gaps in service and compliance with previously established performance objectives. As gaps in performance are identified and additional resources added to the City, goals and compliance scores will change.

Compliance is a continuous process of verification and validation. The systematic, methodical approach to improvement begins with an analysis of performance at regular, pre-determined intervals. Compliance is sustained by using a systematic approach with established steps or phases. Each phase contains a critical element essential for ensuring the compliance cycle. Grand Junction Fire Department will use the model supported by CFAI (Quality Improvement Through Accreditation, Student Workbook, pg. 164). This six-phase model provides a systematic approach that is necessary for meeting compliance efforts and satisfies department requirements for self-evaluation, monitoring, and adjustment in service delivery performance.



This methodology will be utilized throughout the course of the year to ensure continuous improvement model is constant and each aspect of performance is placed under constant scrutiny.

1. Establish and review performance measures:
 - a. Document service delivery programs.
 - b. Document program risk levels, critical tasking, and resource deployments.
 - c. Document and adopt benchmark and baseline performance measurements for distribution and concentration levels for service delivery response.
 - d. Review service delivery programs with associated elements (risk levels, critical tasking, and system performance) on an annual basis.
 - e. Review and update the SOC on an annual basis and conduct a comprehensive community risk assessment every five years.



2. Evaluate performance:
 - a. Evaluate distribution baseline performance by service delivery programs.
 - b. Evaluate concentration baseline performance by service delivery programs.
 - c. Evaluate distribution and concentration by fire planning zone.
3. Develop compliance strategies:
 - a. Identify strengths, weaknesses, opportunities, and threats.
 - b. Maximize strengths and seek ways to capitalize on opportunities.
 - c. Identify and develop solutions to identified weaknesses and threats.
4. Communicate expectations to organization:
 - a. Establish performance criterion.
 - b. Communicate performance expectations with command staff and department personnel.
 - c. Convey non-compliance actions to command staff and department personnel.
 - d. Utilize New World CAD / Image Trend reports to produce “real time” performance reports for command staff.
 - e. Publish monthly department response time performance “report cards.”
5. Validate compliance:
 - a. Maintain fire program incident reports and New World CAD reconciliation on a weekly and monthly basis.
 - b. Analyze and verify department and company level performance through evaluation of turnout, travel, and total response times.
 - c. Analyze and verify distribution and concentration compliance through review of fire planning zones evaluations.
 - d. Establish meetings with command staff to review response performance analysis.
6. Adjust and repeat process:



- a. Provide annual reports detailing department performance.
- b. Provide analysis of incident trends.
- c. Identify areas of non-compliance.
- d. Provide solutions to address non-compliance issues.
- e. Provide annual performance reports to governing authority for review and adoption.

The Fire Chief or his/her designee will distribute information on a regular basis which is supported through pre-established meeting, reviews, and additional opportunities for performance review.

These reports are used to identify noncompliance issues but will also focus on overall department performance including performance by examining specific data included in the following:

Daily Performance Report – Total Incident Analysis

- Dispatch time performance
- Turnout time performance
- Travel time performance

Monthly Performance Report

- Dispatch time performance
- Turnout time performance
- Travel time performance 1st unit
- Total response time 1st unit



Annual Report

- Consists of all information in statistical review

In addition, information is disseminated in a minimum of the following pre-established meeting and opportunities for information as well as qualitative feedback regarding performance.

- Bi-weekly administrative staff meeting
- Monthly shift meeting
- Bi-weekly command staff meeting
- Quarterly shift officer meeting
- Quarterly steering committee meeting
- Annual strategic planning session
- Annual budget process

All data released will be exported through Image Trend into Excel for analysis and comparison so that all incidents can be quality controlled to eliminate spurious or incorrect data, when identified.



Section 8 – Conclusions and Recommendations

In conclusion, Grand Junction Fire Department has completed its first comprehensive Community Risk Assessment and Standards of Cover document. This document reflects the effort necessary to document performance in both emergency and non-emergency services and compares the agency's baseline performance to that stated in the Fire and Emergency Services Self-Assessment Manual (FESSAM) 10th edition and the Commission on Fire Accreditation International Standards of Cover Manual 6th edition.

Grand Junction Fire Department will continue to assess and evaluate the community's risk to both fire and non-fire risk through the application of a comprehensive and organized assessment. The most noted weakness in the evaluation process was the data points used to assess personnel turnout time. While there are numerous things that prohibit effective response time and travel to the scene of an emergency, turnout time is one of the items that is directly controlled by the fire department members.

The process of conducting a comprehensive risk assessment which yielded the defined standard of cover baselines has served the agency well already in the realization of actual performance and the identification of areas of deficiency instead of perceived reality. Establishing the bar for performance has been completed, the department has measured itself in nearly every aspect of performance imaginable, and it is fully committed to the concept of continuous improvement. Adopting a plan for the monitoring and maintenance of the risk assessment is a vast improvement and needed to be addressed. The plan detailed in this Standard of Cover for maintaining the components of the risk assessment will be constantly evaluated to ensure effectiveness.



Recommendations

After Grand Junction Fire Department completed its Community Risk Assessment and Standards of Cover, specific recommendations were made and are included below. The agency has made continuous improvement a top priority and it is followed from the Fire Chief down to the newest firefighter. The International Accreditation process has been institutionalized into the very being of the organization and its daily mantra. Improved levels of service and in most notably in turn out time, demands that the Fire Chief of Grand Junction Fire Department present the Community Risk Assessment and Standards of Cover for adoption. This edition of the agency's Standards of Cover with the following recommendations for continued improvement:

Recommendation 1: Complete construction of stations 7 and 8, which will assist in the concentration and distribution of resources on the western side of the City of Grand Junction.

Recommendation 2: With the projected growth of commercial and residential development on the western side of the City, the department should equip Fire Station 7 with a 100 ft. ladder truck. This apparatus will balance the need to an additional aerial apparatus while still providing first due engine capabilities.

Recommendation 3: The department should research and implement alternative EMS delivery programs and implement a model that will increase the reliability within all first due districts. This can be accomplished through the utilization peak time ambulances or impact ambulances that will be added to the system to address high call demand times.

Recommendation 4: The department should implement automated vehicle location (AVL) for nearest unit response based on availability and location as well as risk type for a more efficient and decreased total response time.



Recommendation 5: Alternate means of data processing and automation of analytics should be implemented to ensure accuracy, reduce human error and interpretation, and explore additional areas of analysis not currently available to the department.

Recommendation 6: Continue to monitor and analyze distribution and concentration response times by fire district and fire planning zone to determine adequate resource allocations and ensure that performance objectives and measures are being met or exceeded.

Recommendation 7: The importance of accreditation should be recognized through the formal adoption of the Community Risk Assessment and Standards of Cover by the governing body.

Recommendation 8: Develop a comprehensive system for the evaluation of wildland urban interface risk in each fire planning zone.

Recommendation 9: The Department should evaluate existing automatic and mutual aid agreements to ensure partnering agencies can meet concentration and distribution of resource requirements when responding into the City of Grand Junction.



Appendix A



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

as part of its assigned Ambulance Service Area (ASA) when it established its ambulance response and transport service.

Over the last four years Grand Junction Fire Department has responded to a total of 107 calls for service for ambulance response and transport. The chart below shows a breakdown of each year.

Grand Junction Fire Department Ambulance Responses to Glade Park			
2017	2018	2019	2020
29	21	23	34



Appendix B



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 1

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
4	E3	E31	4.40	1	122

Description Profile: This area is comprised of unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of mostly desert with mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.5

The total combined response time for the first unit in this planning zone is 12 minutes and 43 seconds.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Structure Profile:

Residential: 44	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown a decrease in its fire service service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	4	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
	Haz-Mat	Emergent	High Risk	0	0	0
Moderate Risk			0	0	0	0
Low Risk			0	0	0	0
Non-Emergent			0	0	0	0
Technical Rescue		Emergent	High Risk	0	0	0
	Moderate Risk		0	0	0	0
	Low Risk		0	0	0	0
	Non-Emergent		0	0	0	0



Fire Planning Zone: 2

Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	E3	E31	1.83	1	64

Description Profile: This area is comprised of unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of mostly desert with mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 26	Multi Family: 0	Commercial: 4
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	0
EMS	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	0
	Haz-Mat	Emergent	High Risk	0	0
Moderate Risk			0	0	0
Low Risk			0	0	0
Non-Emergent		0	0	0	0
Technical Rescue		Emergent	High Risk	0	0
	Moderate Risk		0	0	0
	Low Risk		0	0	0
	Non-Emergent	0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 3

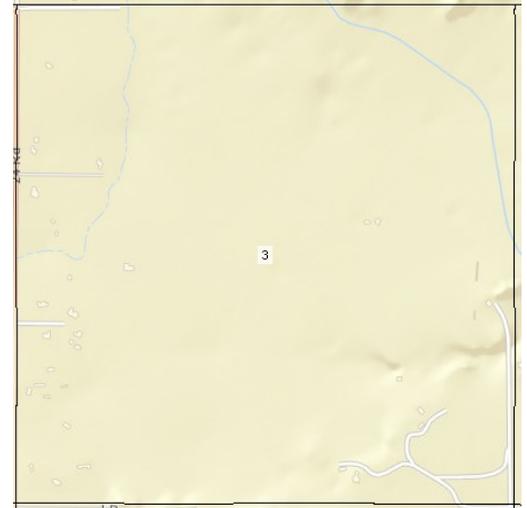
Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
10	E3	E31	.41	1	122

Description Profile: This area is comprised of unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of mostly desert with some residential streets.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.5

The total combined response time for the first unit in this planning zone is 12 minutes and 51 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 49	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a slight decrease in emergency medical responses and an increase in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	5
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	1	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	3	0	0	0
	Non-Emergent	0	1	0	0	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 4

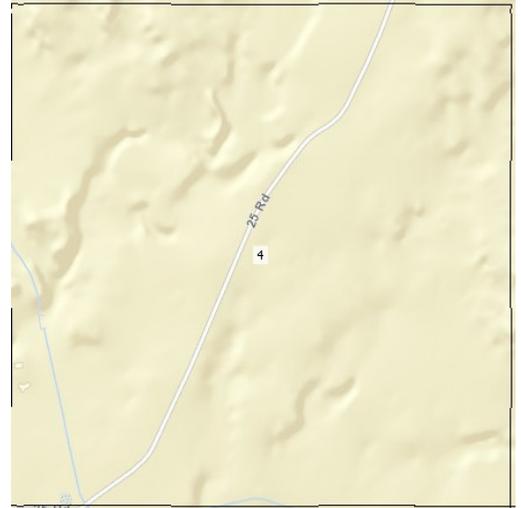
Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
4	E3	E2	1.19	1	0

Description Profile: This area is comprised of no residential or commercial structures.

Location Factors: This area is comprised of one square mile of desert with a major roadway. The major roadway that is included in this zone is 25 Road.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.5

The total combined response time for the first unit in this planning zone is 12 minutes and 18 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown that it has had only three calls in 2018 for emergency medical services over the last four years.

Incident Type		2017	2018	2019	2020	
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	1	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	3	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 5

Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	E2	E3	1.24	1	0

Description Profile: This area is comprised of no residential or commercial structures.

Location Factors: This area is comprised of one square mile of desert with some residential streets.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 6

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
18	E3	E31	3.27	1	186

Description Profile: This area is comprised of unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0

The total combined response time for the first unit in this planning zone is 11 minutes and 48 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 76	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service responses. This zone has shown a decrease in emergency medical service calls and hazardous materials responses with an increase in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	3
		Low Risk	0	0	0	0
	Non-Emergent		1	1	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	4	0	0	0
	Non-Emergent		3	3	1	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



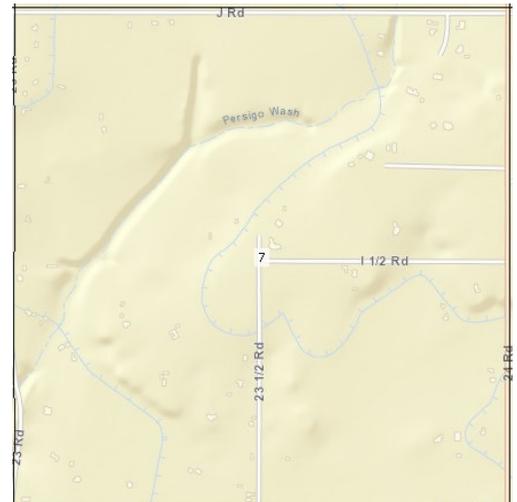
Fire Planning Zone: 7

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
17	E31	E3	3.43	1	105

Description Profile: This area is comprised of unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0

The total combined response time for the first unit in this planning zone is 11 minutes and 27 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 55	Multi Family: 0	Commercial: 8
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown an increase in fire service responses and emergency medical service calls with a decrease in hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	9
		Low Risk	0	0	0	0
	Non-Emergent		0	2	0	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	2
		Low Risk	0	0	0	0
	Non-Emergent		0	0	1	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	1	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 8

Risk Assessment Score: 5.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
17	E3	TK6	2.72	1	88

Description Profile: This area is comprised of unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and all residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.5

The total combined response time for the first unit in this planning zone is 10 minutes and 20 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 29	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and hazardous material responses. This zone has maintained its emergency medical service calls and has shown an increase in its hazardous materials responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	1	0	3
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	2	0
	Non-Emergent		3	2	2	2
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 9

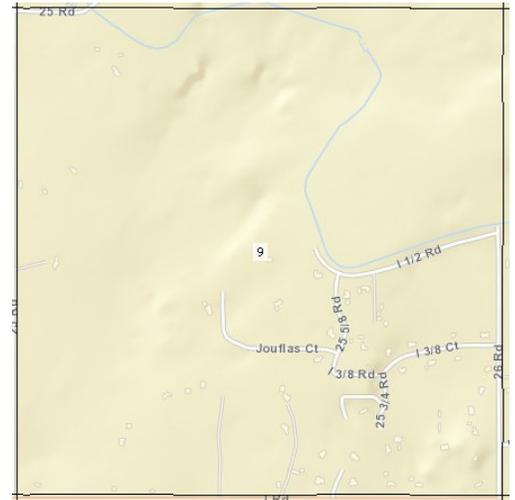
Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	TK6	E2	2.50	1	126

Description Profile: This area is comprised of unprotected residential occupancies and commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Structure Profile:

Residential: 49	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
	Haz-Mat	Emergent	High Risk	0	0	0
Moderate Risk			0	0	0	0
Low Risk			0	0	0	0
Non-Emergent			0	0	0	0
Technical Rescue		Emergent	High Risk	0	0	0
	Moderate Risk		0	0	0	0
	Low Risk		0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 10

Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	TK6	E2	.61	1	105

Description Profile: This area is comprised of unprotected residential occupancies and commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and all residential streets.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Structure Profile:

Residential: 37	Multi Family: 0	Commercial: 8
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	0
EMS	Emergent	High Risk	0	0	0
		Moderate	0	0	0
		Low	0	0	0
	Non-Emergent	0	0	0	0
Haz-Mat	Emergent	High	0	0	0
		Low	0	0	0
	Non-Emergent	0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	0



Fire Planning Zone: 11

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
28	TK6	E2	1.06	1	0

Description Profile: This area is comprised of no residential or commercial structures.

Location Factors: This area is comprised of one square mile of desert and a major roadway. The major roadway that is included in this zone is 27 1/4 Road.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.5

The total combined response time for the first unit in this planning zone is 12 minutes and 49 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a decrease in emergency medical service calls and maintained its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	1	0	0
		Low Risk	0	0	0	1
	Non-Emergent		2	3	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	2	2	2
		Low Risk	3	0	0	0
	Non-Emergent		1	7	2	2
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



Fire Planning Zone: 12

Risk Assessment Score: 7.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
11	E31	TK6	4.78	1	189

Description Profile: This area is comprised of unprotected residential occupancies and commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that are included in this zone are 21 ½ Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....1.5
- Travel time for first unit.....4.0

The total combined response time for the first unit in this planning zone is 11 minutes and 16 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 78	Multi Family: 0	Commercial: 24
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
American Tire Distribution Center	0	1	2	0	2	0	5	4	0	0	10	0	0	0	0	24
Grand Valley Power Headquarters	0	1	10	0	0	0	0	2	0	0	5	5	0	0	0	23
GSI	0	0	10	0	0	0	2	2	10	5	5	5	0	0	0	39
LeBorgne	0	1	4	0	0	0	0	1	10	5	0	0	0	5	0	26
Mountain Stone Works	0	4	10	0	0	0	0	2	10	5	0	0	0	0	0	31
Schmueser & Associates Training Building	0	1	6	0	0	3	0	2	0	0	0	0	0	5	0	17
Schmueser Office / Shop	0	0	10	0	0	0	0	0	0	0	5	10	0	0	0	25

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Grand Valley Power Headquarters.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and hazardous material responses. This zone has shown an increase in emergency medical service calls and a decrease in hazardous materials responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	0	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	2
	Non-Emergent		1	1	1	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	1	1	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 13

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
34	E3	TK6	2.06	1	187

Description Profile: This area is comprised of unprotected residential occupancies and commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0

The total combined response time for the first unit in this planning zone is 11 minutes and 26 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 75	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service calls. This zone has shown a decrease in emergency medical service calls and hazardous materials responses with an increase in fire service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		2	1	1	2
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	4	2	0
	Non-Emergent		5	8	7	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



Fire Planning Zone: 14

Risk Assessment Score: 5.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
34	E3	TK6	3.31	1	150

Description Profile: This area is comprised of unprotected residential occupancies and commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that are included in this zone are 23 ½ Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.5

The total combined response time for the first unit in this planning zone is 9 minutes and 48 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 65	Multi Family: 0	Commercial: 7
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Appleton Elementary School	0	2	4	0	0	0	5	4	5	0	0	0	0	5	0	25
Kingdom Hall of Jehovah's Witness	0	4	6	0	0	0	0	3	10	5	0	0	0	0	0	28

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service calls. This zone has shown a decrease in its emergency medical service calls, hazardous material responses and fire service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		4	1	1	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	2	0
		Low Risk	2	3	0	0
	Non-Emergent		5	3	4	7
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	2	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



Fire Planning Zone: 15

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
35	E3	TK6	3.61	1	199

Description Profile: This area is comprised of unprotected residential occupancies and commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that are included in this zone are 24 ½ Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0

The total combined response time for the first unit in this planning zone is 10 minutes and 52 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 88	Multi Family: 0	Commercial: 6
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown a decrease in hazardous materials responses, fire service responses and emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	2	0	3	0
		Low Risk	0	0	0	0
	Non-Emergent		1	1	1	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	2	3	0	1
	Non-Emergent		0	0	0	0
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

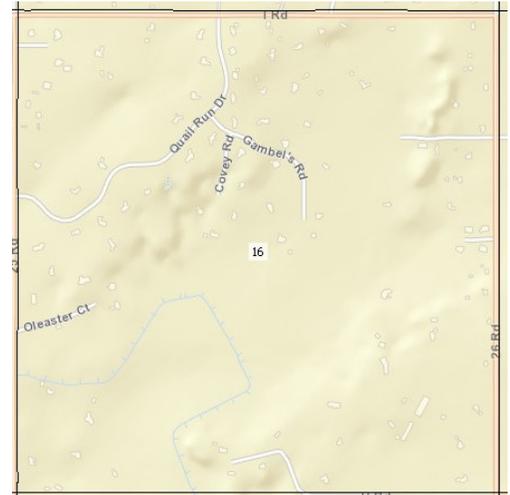
Fire Planning Zone: 16

Risk Assessment Score: 5.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
56	E3	TK6	4.05	1	240

Description Profile: This area is comprised of unprotected residential occupancies and commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 41 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 101	Multi Family: 0	Commercial: 6
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of hazardous materials responses, emergency medical services and fire service calls. This zone has shown a decrease in its hazardous materials responses and fire service calls with an increase in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		11	9	10	12
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	2	4	6	0
	Non-Emergent		0	0	0	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

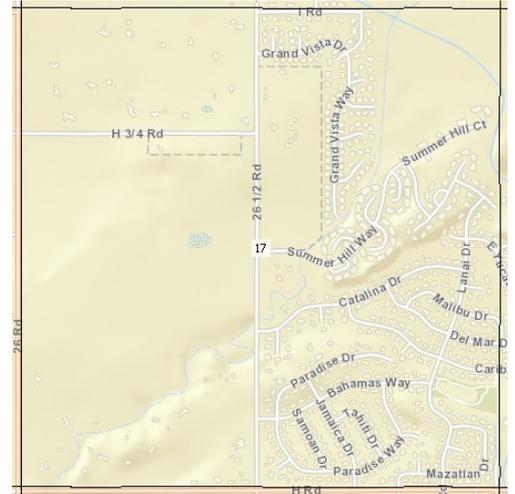
Fire Planning Zone: 17

Risk Assessment Score: 9.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
276	TK6	E2	9.70	1	1,584

Description Profile: This area is comprised of unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that are included in this zone are 26 ½ Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....2.0
- Total structure fires.....1.5
- Population.....1.5
- Target hazards.....0.5
- Travel time for first unit.....3.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 9 minutes and 05 seconds.

Structure Profile:

Residential: 616	Multi Family: 0	Commercial: 10
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Comfort Care Tahiti Group Home	0	4	8	0	0	0	0	1	0	0	5	0	5	0	0	23
Grandview Assisted Living Group Home	0	4	8	0	0	0	0	2	0	0	0	0	5	5	5	29

Critical Infrastructure: Within this planning zone there are two identified critical infrastructures, and they are Grandview Assisted Living Group Home and Comfort Care Tahiti Group Home.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material response, and fire service responses. This zone has shown an increase in emergency medical service calls with a decrease in fire service responses and hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	7	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	1	1	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	16	19	15	24
	Non-Emergent		43	39	37	71
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 18

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
45	TK6	E2	3.21	1	91

Description Profile: This area is comprised of unprotected residential occupancies and 21 commercial occupancies. A portion of the Grand Junction Regional Airport is also located in this zone.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that are included in this zone are 27 ¼ Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....2.0
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 8 minutes and 54 seconds.

Structure Profile:

Residential: 39	Multi Family: 0	Commercial: 21
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical Hazard	Total Risk Score
Bldg.- Common Areas, Riser Rom & FACP Room	0	4	10	0	0	0	3	3	0	0	0	5	0	0	0	25
Colorado Bureau of Investigations	0	2	10	0	0	0	2	3	0	0	0	0	0	5	0	22
Leitner Poma	0	1	10	0	2	0	5	3	0	0	5	10	0	5	0	41
Lewis Engineering	0	2	10	0	0	0	5	4	0	0	5	0	0	0	0	26
POMA/ Finishing Building/ Paint	0	2	10	0	2	0	5	3	0	0	5	10	0	5	0	42
POMA/ Prinoth Building	0	2	4	0	2	0	3	3	0	0	5	5	0	5	0	29
POMA/ Saw Bldg.	0	1	10	0	0	0	0	1	10	5	5	5	0	0	0	37
POMA/ Snowmobile Garage (S/E Corner of Parking Lot)	0	4	4	0	0	0	0	1	10	5	5	5	0	0	0	34
POMA/ Paint Booth? Main Building A	0	2	10	0	2	0	5	4	0	0	10	10	0	5	0	48



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is the Colorado Bureau of Investigations Office.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a decrease in emergency medical service calls and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	1	0	0	0
	Non-Emergent		0	0	0	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	2	2	5	3
	Non-Emergent		10	13	1	7
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 19

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
6	TK6	E2	1.19	1	8

Description Profile: This area is comprised of unprotected residential occupancies and 38 commercial occupancies. A large portion of the Grand Junction Regional Airport is also located in this zone.

Location Factors: This area is comprised of one square mile of desert and mostly commercial streets. Several commercial streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....1.0
- Travel time for first unit.....4.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 11 minutes and 43 seconds.

Structure Profile:

Residential: 2	Multi Family: 0	Commercial: 38
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Grand Junction Regional Airport	0	1	4	0	0	0	0	3	0	0	5	0	0	0	0	13
Sky Adventures Building LLC	0	1	4	0	2	0	3	1	0	0	5	5	0	0	0	21
West Star Aviation-Paint Hangar	0	1	10	0	0	0	3	2	0	0	10	10	0	0	0	36
West Star Defense Fuels/Office	0	1	4	0	2	0	3	3	10	5	10	10	0	0	0	48
West Star Defense Fuels Office	0	2	4	2	2	0	4	3	10	5	5	5	0	5	0	47

Critical Infrastructure: Within this planning zone there is one identified critical infrastructures, and it is the Grand Junction Regional Airport.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of fire service responses and emergency medical services. This zone has shown an increase in its fire service responses and a decrease in emergency medical services over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	4
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			1	0	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



Fire Planning Zone: 20

Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	TK6	E2	1.65	1	0

Description Profile: This area is comprised of no residential or commercial occupancies. A portion of the Grand Junction Regional Airport is in this zone.

Location Factors: This area is comprised of one square mile of desert.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
	Haz-Mat	Emergent	High Risk	0	0	0
Moderate Risk			0	0	0	0
Low Risk			0	0	0	0
Non-Emergent		0	0	0	0	
Technical Rescue		Emergent	High Risk	0	0	0
	Moderate Risk		0	0	0	0
	Low Risk		0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 21

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
20	E31	E3	3.79	1	484

Description Profile: This area is comprised unprotected residential occupancies. A portion of the Colorado River also runs through this zone. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone. The major roadway that runs through this zone is Interstate -70.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 11 minutes and 13 seconds.

Structure Profile:

Residential: 165	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: Within this planning zone there is one identified critical infrastructures, and it is Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service calls. This zone has shown a decrease in its responses for emergency medical service calls and fire service calls while maintaining its hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	4	0	3	0
		Non-Emergent	4	1	2	2
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
		Non-Emergent	0	1	1	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
		Non-Emergent	0	0	0	0



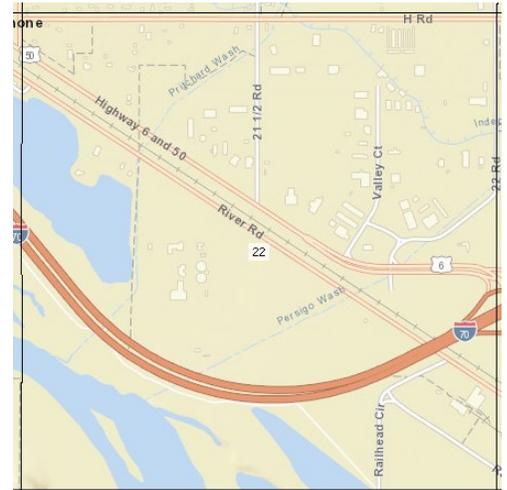
Fire Planning Zone: 22

Risk Assessment Score: 7.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
127	E3	E5	8.47	1	49

Description Profile: This area is comprised of unprotected residential occupancies, and 41 commercial occupancies. The main rail line for the Union Pacific Railroad also runs through this zone as well as a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone are Highway 6 & 50, 21 ½ Road, and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Total number of incidents.....1.0
 Total structure fires.....0.5
 Population.....0.5
 Target hazards.....2.0
 Travel time for first unit.....3.5

The total combined response time for the first unit in this planning zone is 9 minutes and 48 seconds.

Structure Profile:

Residential: 23	Multi Family: 0	Commercial: 41
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
2H Mechanical LLC	0	1	10	0	0	0	3	2	0	0	0	5	0	5	0	26
Custom Industries	0	2	10	0	0	0	0	2	10	5	5	0	0	0	0	34
Fed Ex Freight and Fuel Dispensing Station	0	0	10	0	0	0	3	3	0	0	10	10	0	0	0	36
Mistras	0	2	2	0	0	0	0	1	10	5	0	5	0	0	0	25
Persigo	0	2	10	0	0	0	0	1	10	5	5	0	0	0	0	33
Persigo Wastewater Plant	0	2	10	0	0	0	2	2	0	0	5	0	0	0	0	21
Reliance Oilfield Services	0	1	0	0	0	0	0	0	0	0	10	20	0	0	0	31



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: This planning zone has five identified critical infrastructures, and they are the Persigo Wastewater Plant, Fed Ex Freight and Fuel Dispensing Station, Interstate 70, Highway 6 & 50 and a Rail Line.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, technical rescue responses and fire service calls. This zone has shown a decrease in emergency medical service calls, technical rescue responses, hazardous material responses, and fire service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		3	1	1	2
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	4	7
		Low Risk	15	14	6	4
	Non-Emergent		15	10	17	23
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	1	2	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

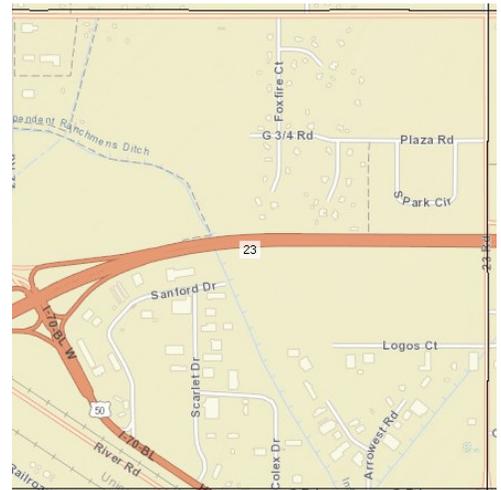
Fire Planning Zone: 23

Risk Assessment Score: 7.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
113	E3	E5	9.89	1	106

Description Profile: This area is comprised of unprotected residential occupancies and 87 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 22 Road, 23 Road, H Road, and a portion of Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....2.0
- Travel time for first unit.....3.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 9 minutes and 19 seconds.

Structure Profile:

Residential: 35	Multi Family: 0	Commercial: 87
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Clemmer Welding LLC	0	2	10	0	0	0	0	2	10	5	5	0	0	0	0	34
Delta Disaster Services	0	1	4	0	0	3	3	1	10	5	0	5	0	5	0	34
Eco Extractors	0	2	10	0	0	0	2	2	10	5	5	0	0	5	0	41
GCR	0	2	10	0	0	0	2	1	0	0	5	10	0	0	0	30
Hammerhead Painting	0	1	4	0	0	0	2	1	0	0	10	10	0	0	0	28
Red Roof Inn	0	4	6	0	0	0	2	4	10	5	0	5	0	0	0	36
Schauenburg Flexadux	0	1	10	0	0	0	4	3	0	0	5	10	0	0	0	33
TruGreen ChemLawn	0	1	4	0	0	0	0	1	0	0	10	10	0	0	0	26



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there is one identified critical infrastructures, and it is Interstate 70 Business Loop.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a decrease in its responses for emergency medical service calls and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	3	0
		Low Risk	0	1	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	5	3	5	0
		Low Risk	9	0	8	6
	Non-Emergent	23	18	19	13	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 24

Risk Assessment Score: 8.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
72	E3	TK6	8.43	1	11

Description Profile: This area is comprised of unprotected residential occupancies and 54 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 23 ¼ Road, H Road, G Road, and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....5.0
- Travel time for first unit.....3.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 9 minutes and 51 seconds.

Structure Profile:

Residential: 52	Multi Family: 0	Commercial: 54
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Bee Hive Senior Living Facility	0	4	8	0	0	0	2	2	0	0	0	0	5	5	0	26
Bob Scott RV Service Center	0	1	4	0	0	0	2	1	0	0	0	10	0	0	0	18
CDOT New Building	0	0	4	0	0	0	3	2	5	0	0	10	0	0	0	24
Designer Wood Finish Inc.	0	2	4	0	0	0	0	2	10	5	5	0	0	0	0	28
Fellowship Church	0	1	6	0	0	0	5	7	0	0	0	0	5	0	0	24
Helmerich and Payne Drilling	0	2	10	0	0	0	2	2	10	0	5	0	0	0	0	31
Honnen Equipment John Deere	0	1	4	0	0	0	3	1	0	0	5	5	0	0	0	19
Loomis	0	1	4	0	0	0	0	1	10	5	0	0	0	0	0	21
Multi-Chem	0	1	10	0	0	0	2	1	0	0	10	20	0	0	0	44
Multi-Chem Bldg. A	0	2	10	0	0	0	0	2	10	0	5	0	0	0	0	29
Multi-Chem Bldg. B	0	2	10	0	0	0	0	2	10	0	5	0	0	0	0	29



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Shawco/Flexpipe Systems	0	2	10	0	0	0	2	2	10	3	5	0	0	0	0	34
Stoneworks Unit B Office	0	2	6	0	0	0	0	2	10	5	5	0	0	0	0	30
Stoneworks Unit C Office	0	2	4	0	0	0	0	2	10	5	5	0	0	0	0	28
Stoneworks Unit 1-D	0	2	4	0	0	0	0	2	10	5	5	0	0	0	0	28
Storage Storage (Mini-Storage Buildings)	0	0	2	0	0	0	3	1	10	5	5	5	0	5	0	36
Sunstate	0	1	4	0	0	0	2	1	10	0	5	10	0	0	0	33
The Center	0	2	4	2	2	0	3	3	0	0	0	0	0	0	0	16
United Rentals	0	2	4	0	0	0	3	3	0	0	0	0	0	0	0	12
Wagner Equipment	0	1	4	0	2	0	4	3	0	0	5	10	0	0	0	29



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there are two identified critical infrastructures, and they are the CDOT building and Interstate 70.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service response. This zone has shown a decrease in fire service responses and hazardous materials responses with an increase in emergency medical service calls and over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	2	0	1
		Low Risk	0	0	1	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	8	3
		Low Risk	5	4	4	0
	Non-Emergent		10	7	6	17
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	3	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 25

Risk Assessment Score: 11.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
283	E3	TK6	9.86	1	1,257

Description Profile: This area is comprised of unprotected residential occupancies, seven multifamily occupancies, and 30 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 24 ½ Road, 25 Road, 24 Road, H Road, and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....2.0
- Total structure fires.....0.5
- Population.....1.5
- Target hazards.....4.5
- Travel time for first unit.....3.0



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 7 minutes and 56 seconds.

Structure Profile:

Residential: 603	Multi Family: 7	Commercial: 30
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Canyon View Church-High School	0	2	6	0	0	0	2	4	0	0	0	0	0	0	0	14
Canyon View Vineyard Church	0	2	6	0	3	5	5	0	0	0	0	0	0	0	0	21
Canyon View Vineyards Church Chapel	0	2	6	0	2	3	3	4	0	0	0	0	0	0	0	20
Canyon View Youth Ministry Building	0	2	6	0	0	0	2	3	0	0	0	0	0	0	0	13
Caprock Academy Main Building	0	1	4	0	0	0	0	3	0	0	0	0	0	0	0	8
Caprock Academy Modular 1	0	0	4	0	0	0	0	3	0	0	0	0	5	0	0	12
Caprock Academy Modular 3	0	0	4	0	0	0	0	3	0	0	0	0	5	0	0	12
Caprock Academy Modular 5	0	1	4	0	0	0	0	3	0	0	0	0	0	0	0	8
Caprock Academy Modular 6	0	0	4	0	0	0	0	3	0	0	0	0	0	0	0	7



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Caprock Academy Modular classroom 7	0	0	4	0	0	0	0	4	0	0	5	0	0	0	0	13
Fountain Green Bldg. A Sprinkler System	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19
Fountain Green Bldg. B Sprinkler System	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19
Fountain Green Bldg. C Sprinkler System	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19
Fountain Green Bldg. D Sprinkler System	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19
Fountain Green Bldg. E Sprinkler System	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19
Fountain Green Bldg. F Sprinkler System	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19
Fountain Green Bldg. G Sprinkler System	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19
Fountain Greens Filing #3	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Proietti Distillery and Bella Fiori Lavender Farm	0	4	4	0	0	0	2	1	0	0	10	10	0	0	0	31
River of Life Alliance Church	0	2	6	0	0	0	3	4	0	0	0	0	0	0	0	15

Critical Infrastructure: Within this planning zone there is one identified critical infrastructures, and it is Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, fire service responses, hazardous material responses and technical rescue responses. This zone has shown a decrease in its responses for emergency medical service calls, fire service responses, hazardous material responses, and technical rescue responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	2	0
		Low Risk	1	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	2	0	0
		Low Risk	10	19	25	15
	Non-Emergent		45	50	56	51
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	2	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk				
	Non-Emergent		0	1	1	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

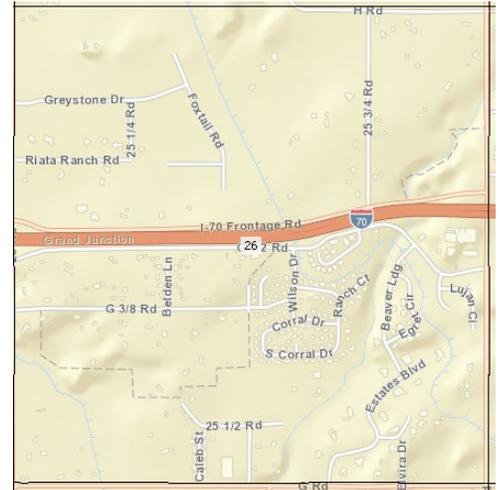
Fire Planning Zone: 26

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
86	TK6	E3	11.37	1	649

Description Profile: This area is comprised of unprotected residential occupancies, and 38 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 25 Road, 26 Road, H Road, and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....1.0
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 8 minutes and 07 seconds.

Structure Profile:

Residential: 235	Multi Family: 0	Commercial: 38
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Appleton Christian Church	0	2	6	0	0	0	3	4	10	5	0	0	0	0	0	30
Church of Jesus Christ LDS	0	2	6	0	0	0	3	5	10	0	0	0	5	0	0	31
Koinonia Church	0	2	6	0	0	3	2	3	10	5	0	0	0	0	0	31

Critical Infrastructure: Within this planning zone there is one identified critical infrastructures, and it is Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its responses for emergency medical service calls and hazardous material responses with a decrease in its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	2	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	1	10	8	14
	Non-Emergent		7	8	8	19
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	2	3	3



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

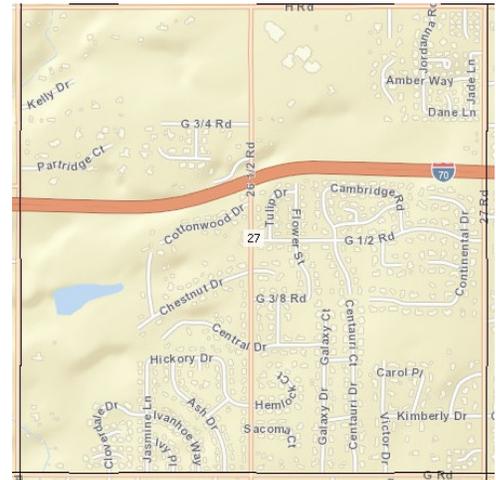
Fire Planning Zone: 27

Risk Assessment Score: 7.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
218	TK6	E3	14.15	1	1,549

Description Profile: This area is comprised of unprotected residential occupancies, and 19 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 26 Road, 26 ½ Road, 27 Road, H Road, G Road, and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.5
- Total structure fires.....0.5
- Population.....1.5
- Target hazards.....1.0
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 49 seconds.

Structure Profile:

Residential: 634	Multi Family: 0	Commercial: 19
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Cottonwood Bible Chapel	0	4	6	0	0	0	0	3	10	5	0	0	5	5	0	38
Immaculate Heart of Mary Catholic Church	0	2	6	0	0	0	4	5	5	0	0	0	0	0	0	22
Immaculate Heart of Mary Rectory	0	2	6	0	2	0	4	5	5	3	0	0	0	0	0	27

Critical Infrastructure: Within this planning zone there is one identified critical infrastructures, and it is Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service responses. This zone has shown an increase in its responses for emergency medical service calls and hazardous material response with a decrease in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	1	0	3	1
		Low Risk	0	0	0	1
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	8	12	15	17
	Non-Emergent		38	30	33	43
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	2	3	3
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

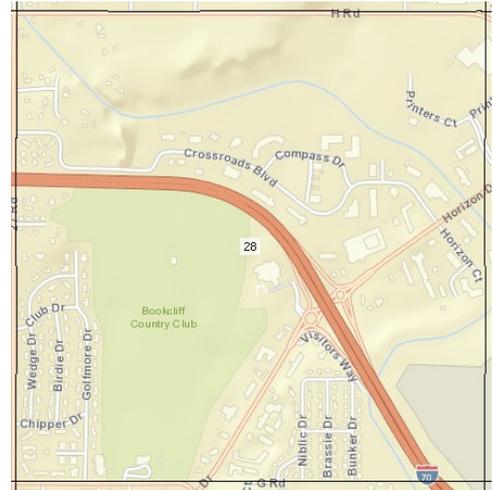
Fire Planning Zone: 28

Risk Assessment Score: 13.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
1,027	TK6	E2	10.47	1	552

Description Profile: This area is comprised of unprotected residential occupancies, two multifamily occupancies, and 173 commercial occupancies. This zone also a portion of the Grand Junction Regional Airport.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 27 Road, H Road, G Road, and Horizon Drive and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

Total number of incidents.....	5.0
Total structure fires.....	0.5
Population.....	0.5
Target hazards.....	5.0
Travel time for first unit.....	2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 6 minutes and 52 seconds.

Structure Profile:

Residential: 296	Multi Family: 2	Commercial: 173
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
America's Best Value Inn	0	4	6	0	0	0	4	4	10	5	0	0	5	0	0	38
Aspen Leaf Internal Medicine, P.C.	0	1	8	0	2	0	0	2	0	0	0	0	0	0	0	13
Azteca's	0	4	6	0	0	0	0	3	10	5	0	5	0	0	0	33
Bookcliff Country Club	0	1	6	0	0	3	3	4	0	0	0	10	0	0	0	27
Citrola's Italian Grill	0	4	6	0	0	0	0	2	10	5	0	5	0	0	0	32
Clarion Inn	0	2	6	0	2	0	4	4	5	0	0	0	0	0	0	23
Comfort Inn	0	4	6	0	0	0	3	5	0	0	0	0	5	5	0	28
Courtyard by Marriott	0	2	6	2	2	0	0	5	0	0	0	5	5	5	0	32
CPC Solutions	0	2	10	0	2	0	5	4	0	0	5	5	0	0	0	33
Crossroads Health & Fitness	0	2	4	0	0	0	5	5	10	3	5	5	0	0	0	39
Crossroads Park Apartments North	0	4	6	0	0	0	3	2	0	0	5	0	0	0	0	20



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Crossroads Park Apartments South	0	4	6	0	2	0	3	2	0	0	5	0	0	0	0	22
Crossroads Prof. Bldg. West Wing	0	2	4	2	2	0	5	4	5	0	0	0	0	0	0	24
Days INN	0	4	6	0	0	0	4	4	10	5	0	0	5	5	0	43
Double Tree Hotel	0	1	6	3	2	0	4	4	0	0	5	0	0	5	0	30
Econolodge	0	2	6	0	2	0	3	3	5	0	5	0	0	0	0	26
Enzo's Pizzeria and Italian Café	0	4	6	0	0	3	2	3	10	5	0	0	0	0	0	33
GJ Fire Soccer Building	0	1	6	0	0	0	3	5	0	0	0	0	0	0	0	15
Good Pasture's Restaurant	0	4	4	0	0	3	0	2	10	0	0	0	5	0	0	28
Grand Junction Area Realtors Association	0	4	4	0	0	0	0	2	10	5	5	0	0	0	0	30
Grand Junction Dialysis Clinic	0	2	8	0	0	0	0	3	0	0	0	5	5	5	0	28
Grand Vista Hotel	0	2	6	2	2	0	2	3	0	0	5	0	0	0	0	22
Holiday Inn and Suites	0	4	6	2	2	0	5	7	0	0	0	0	0	0	0	26
La Quinta Inn and Suites	0	1	6	2	2	0	5	4	0	0	5	0	0	0	0	25
Marriott Courtyard	0	0	6	2	2	0	5	5	0	0	5	0	0	0	0	25
Marriott Residence Inn	0	4	6	2	2	0	5	5	0	0	0	5	5	5	0	39
Mesa Inn	0	4	6	0	0	0	3	4	10	5	0	5	0	0	0	37



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Printer's Park self-storage Bldgs.	0	1	2	0	0	0	2	2	10	5	5	10	0	0	0	37
Quality Inn	0	0	6	2	2	0	5	4	0	0	5	0	0	0	0	24
Ramada Inn	0	2	6	0	0	0	3	4	10	0	0	0	5	5	0	35
Rodeway Inn	0	2	6	0	2	0	3	3	0	0	5	0	0	0	0	21
Super 8 Motel	0	4	6	0	0	0	4	5	10	0	0	0	5	5	0	39
Travelodge	0	2	6	0	0	0	0	2	5	0	5	0	0	0	0	20
Travelodge	0	4	6	0	2	0	5	5	5	0	0	0	0	0	0	27
Vintage 70's	0	4	6	0	0	0	0	2	10	5	5	0	0	0	0	32

Critical Infrastructure: Within this planning zone there are two identified critical infrastructures, they are the Grand Junction Dialysis Center and Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its responses for emergency medical service calls and a decrease in its hazardous material responses and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	1	0	0
		Low Risk	0	1	7	5
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	5	8	6	2
		Low Risk	39	49	66	84
	Non-Emergent		165	147	185	244
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		4	7	2	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 29

Risk Assessment Score: 10.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
422	E2	TK6	3.41	1	0

Description Profile: This area is comprised of one multifamily occupancy and 56 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly commercial streets. The major roadways that are included in this zone are Horizon Drive. The main thoroughfares utilize stop signs as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....3.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....3.0
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 36 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 1	Commercial: 56
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
CAF Flying Museum	0	4	6	0	0	0	3	4	0	0	5	0	0	0	0	22
Commercial Complex-744 Horizon Ct	0	1	4	2	2	0	4	4	10	0	0	0	0	0	0	27
GJR Airport Authority Fire Station	0	2	10	0	2	0	0	2	0	0	5	0	0	0	0	21
GJR Airport Authority Terminal	0	0	10	2	2	3	5	7	0	0	0	0	0	0	0	29
Motel 6	0	4	6	0	0	0	3	4	10	0	0	0	5	0	0	32
Shaw Construction	0	0	4	2	2	0	5	5	0	0	0	0	0	5	0	23
West Star Aviation	0	2	4	2	2	0	4	3	0	0	10	5	0	5	0	37
West Star Aviation-Maintenance Hangar	0	2	4	2	2	0	4	3	0	0	10	5	0	5	0	37
West Star Aviation/Colorado Flight Center	0	2	4	2	2	0	2	2	10	5	0	0	0	5	0	34
West Star Completions	0	1	4	0	0	0	2	3	0	0	10	5	0	5	0	30
West Star Maintenance Hangar	0	2	4	2	2	0	4	3	0	0	10	10	0	5	0	42



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
West Star paint Hanger	0	1	4	2	2	0	4	2	0	0	10	5	0	5	0	35
West Star Storage & Service S of new Paint hanger	0	1	4	2	2	0	2	2	0	0	10	5	0	0	0	28

Critical Infrastructure: This planning zone has two identified critical infrastructures, and they are a portion of the Grand Junction Regional Airport to include the Grand Junction Regional Airport Fire Station and Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in emergency medical service calls and a decrease in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	3	1	0	0
		Low Risk	0	0	1	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	4	7	22	2
	Non-Emergent		97	54	101	130
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 30

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
27	E2	TK6	4.28	1	30

Description Profile: This area is comprised of unprotected residential occupancies and two commercial occupancies. A portion of the Grand Junction Regional Airport is located in this zone.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....1.0
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 11 minutes and 15 seconds.

Structure Profile:

Residential: 7	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Caprock Behavioral Services Inc.	10	4	6	0	0	0	0	1	10	3	0	0	0	0	0	34

Critical Infrastructure: Within this planning zone there are two identified critical infrastructures, and they are Caprock Behavioral Health Services and Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service response. This zone has shown an increase in its responses for emergency medical service calls and a decrease in its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	4	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	3	2
		Low Risk	0	0	1	7
	Non-Emergent		2	1	5	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 31

Risk Assessment Score: 5.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
7	E2	TK6	1.08	1	1

Description Profile: This area is comprised of unprotected residential occupancies and one commercial occupancy.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are a portion of Interstate 70.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 51 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 1	Multi Family: 0	Commercial: 1
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: Within this planning zone there is one identified critical infrastructures, and it is Interstate 70.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown a decrease in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	2	0	0	0
	Non-Emergent		3	0	1	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 32

Risk Assessment Score: 5.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
9	E5	E3	.29	1	19

Description Profile: This area is comprised of unprotected residential occupancies. A portion of the Colorado National Monument is in this zone.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.5

The total combined response time for the first unit in this planning zone is 9 minutes and 49 seconds.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Structure Profile:

Residential: 12	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown a decrease in its emergency medical service calls over the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	3	2	2
	Non-Emergent		0	1	1
Haz-Mat	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent		0	0	0
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent		0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

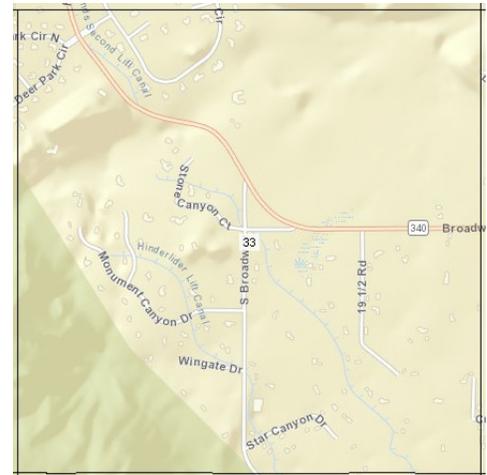
Fire Planning Zone: 33

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
30	E5	E3	4.50	1	264

Description Profile: This area is comprised of unprotected residential occupancies and three commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0

The total combined response time for the first unit in this planning zone is 11 minutes and 22 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 108	Multi Family: 0	Commercial: 3
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its fire service responses and a decrease in its emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	3
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	2	2	4	0
	Non-Emergent		6	3	6	4
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

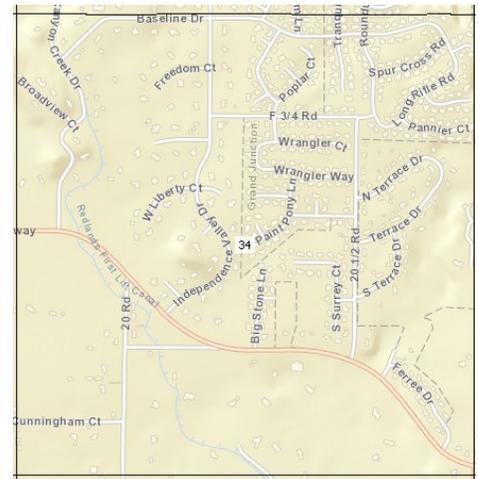
Fire Planning Zone: 34

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
106	E5	E3	10.28	1	1,022

Description Profile: This area is comprised of unprotected residential occupancies, one multifamily occupancy and eight commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....0.5
- Travel time for first unit.....3.5

The total combined response time for the first unit in this planning zone is 9 minutes and 04 seconds.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Structure Profile:

Residential: 360	Multi Family: 1	Commercial: 8
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and hazardous material responses. This zone has shown a decrease in its emergency medical service while maintaining its hazardous material response calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	2	2
		Low Risk	6	6	13	5
		Non-Emergent	17	16	19	17
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
		Non-Emergent	1	0	1	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
		Non-Emergent	0	0	0	0



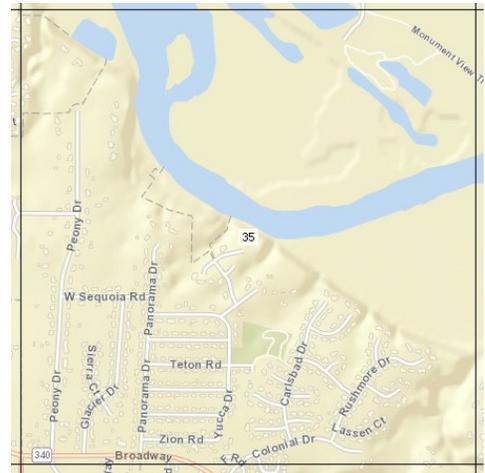
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 35

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
150	E5	E3	5.99	1	1,044

Description Profile: This area is comprised of unprotected residential occupancies and four commercial occupancies. A portion of the Colorado River is also in this zone. This fire planning zone contains FEMA floodplains and 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.5
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 8 minutes and 37 seconds.

Structure Profile:

Residential: 418	Multi Family: 0	Commercial: 4
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and hazardous material responses. This zone has shown a decrease in its emergency medical service and an increase in its hazardous material response calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	1	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	5	2	12	2
	Non-Emergent		34	33	39	19
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	1	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 36

Risk Assessment Score: 9.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
55	E5	E3	5.04	1	145

Description Profile: This area is comprised of unprotected residential structures and 21 commercial structures. The main rail line for Union Pacific also runs through this zone as well as a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are River Road and a portion of Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....4.5
- Travel time for first unit.....3.0



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 8 minutes and 58 seconds.

Structure Profile:

Residential: 57	Multi Family: 0	Commercial: 21
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
2297 Tall Grass Complex	0	2	4	0	0	0	4	5	0	0	5	0	0	0	0	20
Air Gas Intermountain	0	0	10	0	2	0	3	3	0	0	10	10	0	0	0	38
EmTech	0	2	4	0	0	0	0	2	10	0	0	0	0	0	0	18
Fire Team Security	0	1	4	0	0	0	0	2	0	0	0	0	0	0	0	7
Fire Team Security INC	0	2	4	0	0	0	2	2	0	0	0	0	0	0	0	10
Fruita Wood and BBQ Supply	0	2	4	0	0	0	0	2	0	0	10	0	0	0	0	18
Gym	0	2	4	0	0	0	0	2	0	0	0	0	0	0	0	8
Legacy Academy Gymnastics and Ninja	10	2	6	0	2	0	3	5	0	0	0	0	0	0	0	28
MaxiSweep	0	1	4	0	0	0	0	2	0	0	0	0	0	0	0	7
Mesa Moving & Storage	0	1	10	0	0	0	4	0	0	0	10	5	0	0	0	30



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Mesa Precision Arms	0	1	4	0	0	0	0	2	0	0	0	0	0	0	0	7
Snob Productions	0	2	4	0	0	0	0	2	0	0	0	0	0	0	0	8
Sundance Marine Sales and Service	0	0	0	0	0	0	2	2	10	5	5	10	0	0	0	34
United Companies	0	2	4	0	0	0	0	2	0	0	5	0	0	0	0	13
United Companies / Oldcastle	0	2	4	0	0	0	2	2	0	0	5	0	0	0	0	15
Western Slope Auto	0	2	4	0	0	0	2	3	5	0	5	5	5	5	0	36
Western Slope Auto Detail Bldg.	0	1	4	0	0	0	0	2	10	0	0	0	0	0	0	17
Western Slope Auto Service Bldg.	0	2	4	0	0	0	2	3	5	0	5	5	5	0	0	31
Western Slope Auto Used Cars	0	2	4	0	0	0	2	2	10	0	0	0	5	0	0	25
Western Slope Auto Imports	0	2	4	0	0	0	2	3	10	0	5	0	5	0	0	31
Western Slope Auto Toyota	0	2	4	0	0	0	2	3	10	0	5	5	5	0	0	36



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there are two identified critical infrastructures, and they are Interstate 70 and a Rail Line.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown an increase in emergency medical service calls over the last four years.

Incident Type		2017	2018	2019	2020	
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	2	4	6
		Low Risk	1	4	2	0
	Non-Emergent	5	11	12	6	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	1	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	1	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 37

Risk Assessment Score: 10.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
525	E3	E5	6.83	1	195

Description Profile: This area is comprised of unprotected residential occupancies, one multifamily occupancy and 59 commercial occupancies. The main rail line for Union Pacific Railroad also runs through this zone. The southwest corner of this fire planning zone contains FEMA floodplains and 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 23 ¼ Road, 23 1/3 Road and a portion of Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....4.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....3.0
- Travel time for first unit.....2.5



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 7 minutes and 17 seconds.

Structure Profile:

Residential: 84	Multi Family: 1	Commercial: 59
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Aero Studio Salon	0	1	4	0	0	0	0	2	0	0	0	0	0	0	0	7
ANB	0	4	4	0	0	0	0	2	0	0	0	0	0	0	0	10
Canyon View Medical Plaza	0	0	8	0	0	0	5	5	0	0	0	0	5	0	0	23
Community Hospital	0	0	8	2	2	0	5	7	0	0	5	5	5	0	0	39
Firestone Care Center	0	2	4	0	0	0	2	2	0	0	0	0	0	0	0	10
Forterra	0	2	10	0	2	0	5	4	0	0	5	5	0	0	0	33
Golden Gate Convenience Store	0	2	4	0	0	0	0	2	10	5	0	10	0	0	0	33
Holiday Inn Express	0	4	6	2	2	0	3	4	0	0	0	0	5	0	0	26
MA Concrete	0	2	10	0	0	0	0	2	10	3	5	0	0	0	0	32
Mesa Valley Community School	0	0	4	0	0	0	2	4	0	0	5	0	0	0	0	15
Orica	0	1	10	0	0	0	3	2	0	0	10	10	0	0	0	36
Pacific Steel and Recycling	0	2	10	0	0	0	0	1	10	5	5	0	0	0	0	33



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there are three identified critical infrastructures, and they are ANB Bank, Interstate 70 Business Loop and a Rail Line.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its emergency medical service calls and fire service responses with a decrease in hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	2	0
		Moderate Risk	4	2	1	0
		Low Risk	7	11	4	12
	Non-Emergent	97	43	107	225	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	2	1	3	2	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 38

Risk Assessment Score: 13.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
557	E3	TK6	13.20	1	592

Description Profile: This area is comprised of unprotected residential occupancies, 11 multifamily occupancies and 154 commercial occupancies. Mesa Mall is also located in this zone as well.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 24 Road, H Road, 24 ½ Road, 25 Road and Patterson Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated five specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....4.0
- Total structure fires.....1.0
- Population.....1.0
- Target hazards.....5.0
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 6 minutes and 09 seconds.

Structure Profile:

Residential: 291	Multi Family: 11	Commercial: 154
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Alpine Bank	0	0	4	3	3	3	0	0	0	0	0	0	0	0	0	13
Appleton Clinic (was Sun King Mgmt.)	0	2	8	0	2	0	0	2	0	0	5	0	0	0	0	19
Appleton Dental	0	0	8	0	0	0	0	2	0	0	5	0	0	0	0	15
Bamboo City Restaurant	0	2	4	0	0	0	0	2	5	0	5	0	0	0	0	18
Boston Gourmet Pizza	0	4	6	0	0	0	0	3	0	0	0	5	0	0	0	18
Brookwillow 4 Plex	0	4	6	0	0	3	0	1	10	0	5	0	0	0	0	29
Brookwillow - 6 Plex	0	4	6	0	0	0	0	1	10	0	5	0	0	0	0	26
Brookwillow 5-plex (Brookwillow sub 650)	0	4	6	0	0	0	0	1	10	0	5	0	0	0	0	26
Brookwillow 5-plex	0	4	6	0	0	0	0	1	10	0	5	0	0	0	0	26
Brookwillow 6-plex	0	8	12	0	0	0	0	2	20	0	10	0	0	0	0	52



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Brookwillow 8-plex	0	4	6	0	0	0	0	1	10	0	5	0	0	0	0	26
Brookwillow 10-plex Sprinkler System	0	8	12	0	0	0	2	4	0	0	5	0	0	5	0	36
Candlewood Suites	0	4	6	2	2	0	5	0	0	0	0	0	0	0	0	19
City Market	0	2	8	0	0	0	10	10	0	0	0	0	0	0	0	30
Doyle and Associates Real Estate	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Dr. Donald Cannon-Chiropractic	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Dr. Foote	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Endoscopy Center	0	2	8	0	0	0	0	2	0	0	0	0	5	5	0	22
Family Values Medical Clinic	0	0	8	0	0	0	0	2	0	0	0	0	0	0	0	10
Garlic Knots/Spin City liquor license	0	1	6	0	0	0	3	4	0	0	0	5	0	0	0	19
Grand Valley Climbing Gym	0	2	6	0	2	3	2	4	0	0	0	0	0	0	0	19
Grand Valley Foot & Ankle Center	0	0	8	0	2	0	3	4	0	0	5	0	0	0	0	22
Grand Valley Lasik	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Home2 Suite by Hilton	0	2	6	2	2	0	5	3	0	0	5	0	0	0	0	25
Integrative medical Center	0	0	8	0	0	0	0	2	0	0	5	0	0	0	0	15



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Marchionda Imaginative Medical	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Mesa Valley Community	0	1	4	0	0	0	4	4	0	0	0	0	0	0	0	13
Monument Plaza	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Monument Plaza Building A	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Monument Plaza Building B	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Mountain West Periodontal	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	6
Nails 28	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Physical Therapy and Balance Center	0	0	8	0	0	0	0	2	0	0	5	0	0	0	0	15
R-Staffer	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Regal Cinema	0	1	6	0	2	0	5	5	0	0	0	0	0	0	0	19
Reynolds Polymer	0	2	10	0	0	0	0	2	0	0	5	0	0	0	0	19
River Valley Chiropractic	0	1	8	0	0	0	0	2	0	0	5	0	0	0	0	16
Spectrum Reach	0	2	4	0	0	0	0	1	10	3	5	0	0	0	0	25
Subaru Dealership	0	1	2	0	0	0	3	2	0	0	5	5	0	0	0	18
Sunplex IV	0	2	4	0	0	0	2	2	0	0	5	0	0	0	0	15
Sunplex office Bldg.	0	2	4	0	2	0	2	2	0	0	5	0	0	0	0	17
Sutherlands	0	1	4	0	0	0	5	7	0	0	5	10	0	0	0	32
Taco Bell Corporate	0	2	4	0	0	0	0	2	0	0	5	0	0	0	0	13
The Retina Center	0	0	8	0	0	0	0	2	0	0	0	0	0	0	0	10



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Vail Summit Orthopedics	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Valley View Hospital Heart, Vascular & Sleep Ctr.	0	2	8	0	2	0	0	2	0	0	5	0	0	0	0	19
Veterans Center	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Volume Salon	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
West Central Colorado University	0	1	4	0	0	0	0	2	0	0	5	0	0	0	0	12
Western Colorado Specialty Pharmacy	0	2	4	0	0	0	0	2	10	0	5	0	0	0	0	23
Woodspring Suites	0	4	6	2	2	0	5	0	0	0	0	0	0	0	0	19



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there are nine identified critical infrastructures, and they are Alpine Bank, City Market Grocery Store, Endoscopy Center, Family Values Medical Clinic, Marchionda Imaginative Medical, Vail Summit Orthopedics, Valley View Hospital Heart Vascular & Sleep Ctr., West Central Colorado University, and Western Colorado Specialty Pharmacy.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service responses. This zone has shown an increase in its fire service responses, hazardous material responses, and emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	3	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	1	2	0	2
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	46	32	22	28
	Non-Emergent		117	80	83	103
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		2	4	1	11
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 39

Risk Assessment Score: 15.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
749	E3	TK6	15.58	1	2,266

Description Profile: This area is comprised of unprotected residential occupancies, seven multifamily occupancies and 61 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 25 Road, 26 Road, G Road, F Road and F ½ Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

Total number of incidents.....	5.0
Total structure fires.....	0.5
Population.....	2.5
Target hazards.....	5.0
Travel time for first unit.....	2.0



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 5 minutes and 0 seconds.

Structure Profile:

Residential: 1,043	Multi Family: 7	Commercial: 61
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Adventist Community Service Center	0	4	6	0	0	0	0	3	10	5	0	0	0	0	0	28
CMU -Archuleta Building	0	2	4	0	0	0	2	4	0	0	0	0	0	0	0	12
CMU -Archuleta Building (Classroom) A	0	1	4	0	0	0	0	3	0	0	5	5	0	0	0	18
Dance Works	0	2	4	0	0	0	2	3	10	5	0	0	0	0	0	26
Definitive Dental Lab	0	2	8	0	0	0	0	1	0	0	5	0	0	0	0	16
Dist. 51 - Valley School	0	2	4	0	0	0	2	3	10	0	0	0	0	0	0	21
Foresight Village Apartments 606 25 1/2 road	0	2	6	2	2	0	4	3	0	0	5	0	0	0	0	24
Foresight Village Apartments 616 25 1/2 road	0	4	6	0	0	0	2	2	0	0	5	0	0	0	0	19



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Foresight Village Apartments Bldg. A	0	4	6	0	2	0	0	2	0	0	5	0	0	0	0	19
Foresight Village Apartments Bldg. C	0	4	6	2	2	0	3	3	0	0	5	0	0	0	0	25
Foresight Village Bldg. B	0	4	6	2	2	0	3	3	0	0	5	0	0	0	0	25
Foresight Village Complex	0	4	6	2	2	0	4	3	10	0	5	0	0	0	0	36
Gastroenterology Associates	0	4	4	0	0	3	2	3	10	5	0	0	5	5	0	41
GPD-Global	0	2	10	0	0	0	3	4	0	0	5	0	0	0	0	24
Grand Valley Oncology Clinic	0	2	8	0	0	0	2	4	0	0	0	0	5	0	0	21
KKCO TV Channel 11	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
NULL	0	3	14	0	0	0	3	5	0	0	0	10	0	0	0	35
Phoenix Haus	0	1	4	0	0	0	2	2	10	5	5	0	0	0	0	29
Reynolds Polymer	0	0	10	0	0	0	4	4	0	0	5	10	0	0	0	33
Reynolds Polymer, Inc.	0	0	10	0	0	0	4	4	0	0	5	10	0	0	0	33
Talbot	0	1	4	0	0	0	2	4	0	0	5	0	0	0	0	16
The Center at Foresight	0	1	8	2	2	0	5	4	0	0	0	5	5	0	0	32
U.S. Post Office Annex	0	2	4	0	0	0	4	4	0	0	0	0	0	0	0	14
Under construction	0	2	10	0	2	0	4	5	5	3	5	0	0	0	0	36



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
WCCC - Bishop Health Services Building	0	1	4	0	0	0	2	4	0	0	5	0	0	0	0	16
WCCC - Main Campus	0	1	4	0	0	0	5	4	0	0	5	0	0	0	0	19
WCCC -Bldg. A (Youngblood)	0	2	4	0	0	0	5	5	0	0	5	5	0	0	0	26
Wellbrook	0	4	8	0	0	0	5	5	0	0	0	0	5	0	0	27
Western Filament	0	2	10	0	0	0	5	4	0	0	5	5	0	0	0	31
Western Slope Industries	0	2	10	0	0	0	4	4	0	0	5	5	0	0	0	30
Xcel Energy	0	2	10	0	0	0	0	1	10	5	5	0	0	0	0	33

Critical Infrastructure: This planning zone has three identified critical infrastructures, and they are KKCO TV Channel 11, US Post Office Annex, WCCC Bishop Health Services Building and Xcel Energy.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown a decrease in hazardous materials responses, fire service responses and an increase in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	2	1	0
		Low Risk	0	1	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	2	0	2	2
		Low Risk	17	70	65	53
	Non-Emergent		96	160	121	137
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		3	3	5	3
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 40

Risk Assessment Score: 14.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
1,603	TK6	E3	12.25	1	2,135

Description Profile: This area is comprised of unprotected residential occupancies, 11 multifamily occupancies and 46 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are F Road, 26 Road, 27 Road, F ½ Road and Horizon Drive. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....0.5
- Population.....2.0
- Target hazards.....5.0
- Travel time for first unit.....2.0



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 5 minutes and 38 seconds.

Structure Profile:

Residential: 1,276	Multi Family: 11	Commercial: 46
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
American Lutheran Church	0	2	6	0	2	0	3	5	0	0	0	0	0	0	0	18
Burton Orthodontics	0	4	0	0	0	3	0	2	10	3	0	5	0	5	0	32
Christianna - 961 Lakeside Dr.	0	4	6	2	2	0	2	2	10	3	5	0	0	0	0	36
CLS Senior Living Residence	0	4	0	0	0	3	0	0	10	0	0	5	0	5	0	26
Dr. Lee Gaglione	0	4	0	0	0	3	0	0	10	0	0	5	0	5	0	27
Eldorado - 3154 Lakeside Dr.	0	4	6	2	2	0	2	2	10	3	5	0	0	0	0	36
Glenbrook - 3231 Lakeside Dr.	0	4	6	2	2	0	2	2	10	3	5	0	0	0	0	36
Granada - 3146 Lakeside Dr.	0	4	6	2	2	0	3	3	10	3	5	0	0	0	0	38
Greenhouse Apartments	0	4	6	2	2	0	2	3	10	3	5	0	0	0	0	37
Heather Ridge Apartments	0	4	6	0	0	0	0	2	10	3	5	0	0	0	0	30



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Horizon Towers	0	0	6	3	3	3	0	0	0	0	5	0	5	0	0	25
Independent Unity Church	0	2	6	0	0	3	2	4	10	5	0	0	0	0	0	32
Juniper Ridge Charter School (New)	0	1	4	0	0	0	3	0	0	0	0	0	0	5	0	13
Lakeside Apartment Complex	0	4	6	2	2	0	3	3	5	0	5	0	0	0	0	30
Mesa Manor (IHS)	0	2	8	0	0	3	4	3	0	0	5	0	0	0	0	25
Multi-Family Residence	0	4	6	0	0	0	0	1	10	5	5	0	0	0	0	31
New Horizon Foursquare Church & School	0	2	6	0	0	0	3	0	10	3	0	0	0	0	0	24
Northwoods Apartments - Bldg. A	0	4	6	2	2	0	3	3	10	3	5	0	0	0	0	38
Northwoods Apartments - Bldg. B	0	4	6	2	2	0	3	3	10	3	5	0	0	0	0	38
Northwoods Apartments - Bldg. C	0	4	6	2	2	0	3	3	10	3	5	0	0	0	0	38
Northwoods Apartments - Bldg. D	0	4	6	2	2	0	3	3	10	3	5	0	0	5	0	43



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Northwoods Apartments - Bldg. E	0	4	6	2	2	0	3	3	10	3	5	0	0	0	0	38
Rose Hill Hospitality House	0	4	6	0	0	0	2	2	0	0	0	0	0	0	0	14
Solstice/Mesa View Retirement	0	2	6	2	2	0	0	4	0	0	0	0	5	5	0	26
St. Mary's Family Practice Center	0	2	8	0	0	0	4	5	0	0	0	0	5	5	0	29
St. Nicholas Orthodox Church	0	4	6	0	0	0	0	4	10	5	0	0	0	0	0	29
St. Paul Lutheran Church	0	4	6	0	0	0	0	3	10	5	0	0	0	0	0	28
Sundowner - 3150 Lakeside Dr.	0	4	6	2	2	0	2	2	10	3	5	0	0	0	0	36
The House	0	4	6	0	0	3	0	2	10	3	0	0	0	0	0	28
The Lodge at Grand Junction Senior Living	0	4	8	0	0	0	5	5	0	0	5	0	0	0	0	27
Westwood Estate Association	0	4	6	0	2	0	0	1	10	3	5	0	0	0	0	31
Willowwood-3233 Lakeside Dr.	0	4	6	2	2	0	3	3	10	3	5	0	0	0	0	38



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its emergency medical service calls and a decrease in its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	4	0
		Low Risk	0	5	0	1
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	2	0	0
		Low Risk	54	87	113	131
	Non-Emergent		222	296	308	372
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	4	3	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

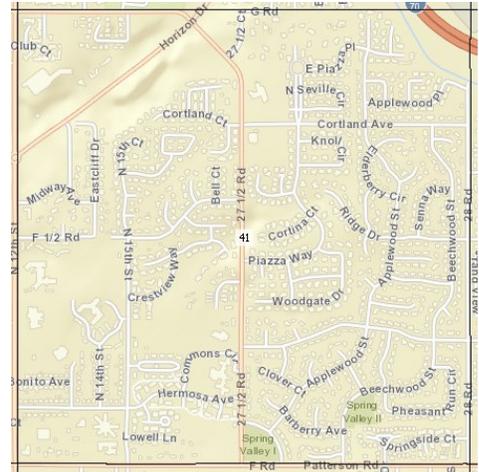
Fire Planning Zone: 41

Risk Assessment Score: 16.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
3,097	TK6	E2	18.44	1	3,126

Description Profile: This area is comprised of unprotected residential occupancies, seven multifamily occupancies and 54 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 27 Road, F Road, G Road, 27 ½ Road, Horizon Drive, and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....1.5
- Population.....3.0
- Target hazards.....4.5
- Travel time for first unit.....2.0



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 5 minutes and 22 seconds.

Structure Profile:

Residential: 1,693	Multi Family: 7	Commercial: 54
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Bechtel Garden Apartments-Club House	0	2	6	0	0	0	2	2	10	0	0	0	0	5	0	27
Bookcliff Baptist Church	0	4	6	0	2	3	2	4	10	5	0	0	0	0	0	36
Bookcliff Christian School	0	2	6	0	0	3	2	4	10	0	0	0	5	5	0	37
Bookcliff Christian School	0	2	6	0	0	3	2	5	10	0	0	0	5	5	0	38
Calvary Bible Church	0	2	6	0	0	0	2	5	10	3	0	0	5	5	0	38
Daisy Center (Group Home)	0	4	8	0	0	3	0	2	10	3	5	0	0	0	0	35
First Presbyterian Church	0	2	6	0	0	0	4	5	5	0	0	0	0	0	0	32
Hilltop IT Office	0	4	4	0	0	0	0	2	10	5	0	0	0	0	0	25
Hope West	10	17	24	2	2	0	4	12	40	20	0	0	25	25	0	181
Larchwood Inn PARC	0	4	8	0	0	0	3	2	0	0	0	0	5	5	0	27



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Larchwood Inns	0	4	8	0	0	0	3	2	0	0	0	0	5	5	0	27
Lighthouse Church	0	2	6	0	0	0	2	4	10	5	0	0	5	10	0	44
Nellie Bechtel	0	4	6	0	0	0	0	2	10	3	0	0	5	5	0	35
Primary Care Partners Medical Center	0	2	8	0	2	3	5	5	0	0	5	5	5	0	0	40
Senior Daybreak of Hilltop	0	4	8	0	0	0	0	2	0	0	0	0	0	0	0	14
Solstice Senior Living	0	4	6	2	2	0	3	4	0	0	0	0	5	5	0	31
St. Matthews Episcopal Church	10	2	6	0	0	0	2	5	10	3	0	0	5	5	0	48
The Commons of Hilltop	0	4	6	2	2	0	5	5	0	0	0	0	5	0	0	29
The Fountains	0	4	6	0	0	0	4	4	0	0	0	0	5	5	0	28



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there are five identified critical infrastructures, and they are the Daisy Center Group Home, Solstice Senior Living, The Commons of Hilltop, Primary Care Partners Medical Center and Interstate 70.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown an increase in its emergency medical service calls and a decrease in fire service responses and hazardous materials responses over the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	6	0	0
		Moderate Risk	3	0	2
		Low Risk	0	0	4
	Non-Emergent	1	5	5	1
EMS	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	8
		Low Risk	167	155	150
	Non-Emergent	583	553	598	663
Haz-Mat	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	5	3
	Non-Emergent	7	9	4	5
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 42

Risk Assessment Score: 12.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
593	E2	TK6	8.62	1	1,474

Description Profile: This area is comprised of unprotected residential occupancies, two multifamily occupancies and 35 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 28 Road, 29 Road, F Road, and portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....4.0
- Total structure fires.....0.5
- Population.....1.5
- Target hazards.....4.5
- Travel time for first unit.....2.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 4 minutes and 53 seconds.

Structure Profile:

Residential: 627	Multi Family: 2	Commercial: 35
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Aspen Ridge Alzheimer's Special Care	0	2	8	0	0	0	2	3	0	0	0	0	5	5	0	25
Faith Heights Church	0	1	6	0	0	0	3	5	5	0	0	0	0	5	0	25
First Church of the Nazarene	0	2	6	0	0	0	2	4	10	0	0	0	5	0	0	29
Grand Valley Primary Care	0	2	4	0	0	0	2	3	0	0	5	0	0	0	0	16
Grand Valley Primary Care	0	1	8	0	0	0	0	2	0	0	0	0	0	0	0	11
Grand Valley Primary Care	0	4	8	0	0	0	0	2	0	0	5	0	0	0	0	19
Grand Valley Primary Care	0	1	8	0	0	0	2	3	0	0	0	0	0	0	0	14
Independence Academy Charter School	0	1	4	0	0	0	3	5	0	0	0	0	5	0	0	18



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Independence Academy modulars	0	2	6	0	0	0	3	5	0	0	0	0	5	0	0	21
Internal Medical Associates	0	0	8	0	0	0	0	2	0	0	5	0	0	0	0	15
Phase 1-72 units (8-plexes)	0	4	6	2	2	0	3	3	0	0	0	0	0	0	0	20
Village Park Bldg. A = 100	0	4	6	0	2	0	2	2	0	0	0	0	5	5	0	26
Village Park Bldg. B = 200	0	4	6	0	2	0	0	2	0	0	0	0	5	5	0	24
Village Park Bldg. C = 300	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Village Park Bldg. D = 400	0	4	6	2	2	0	2	2	0	0	0	0	5	5	0	28
Village Park Bldg. E = 500	0	4	6	2	2	0	2	2	0	0	0	0	5	5	0	28
Village Park Bldg. F = 600	0	4	6	2	2	0	2	2	0	0	0	0	5	5	0	28
Village Park Bldg. G office = 701	0	4	4	0	0	0	0	2	0	0	0	0	5	5	0	20
Village Park Subdivision for entire complex	0	4	6	2	2	0	3	3	0	0	0	0	0	0	0	20



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there are three identified critical infrastructures, and they are Aspen Ridge Alzheimer's Special Care, Interstate 70, and Grand Valley Primary Care.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, technical rescue responses and fire service responses. This zone has shown a decrease in emergency medical service calls, hazardous material responses, technical rescue responses and an increase in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	1
		Low Risk	0	0	0	0
	Non-Emergent			3	4	2
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	6	3
		Low Risk	31	31	39	29
	Non-Emergent			154	107	99
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			2	2	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	1



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 43

Risk Assessment Score: 13.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
718	E2	TK6	16.06	1	3,069

Description Profile: This area is comprised of unprotected residential occupancies and 33 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are F Road, G Road, 29 Road, 30 Road and F ½ Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....1.0
- Population.....3.5
- Target hazards.....1.0
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 6 minutes and 13 seconds.

Structure Profile:

Residential: 1,205	Multi Family: 0	Commercial: 33
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Bookcliff Heights Jehova Witness Church	0	2	6	0	0	0	0	4	10	5	0	0	5	5	0	37
Group Home at Cattail Creek	0	4	8	0	0	0	0	1	0	0	5	0	5	0	0	23
Life Tabernacle	0	2	6	0	0	0	4	4	10	3	0	0	5	5	0	39
Valley Bible Church	0	1	6	0	0	0	0	4	10	5	0	0	5	0	0	31

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its fire service responses and emergency medical service calls with a decrease in hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	1	0	2
		Moderate Risk	0	0	0	1
		Low Risk	0	2	0	0
	Non-Emergent		6	6	5	5
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	4	0
		Low Risk	37	46	37	59
	Non-Emergent		101	91	124	145
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		3	4	6	3
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

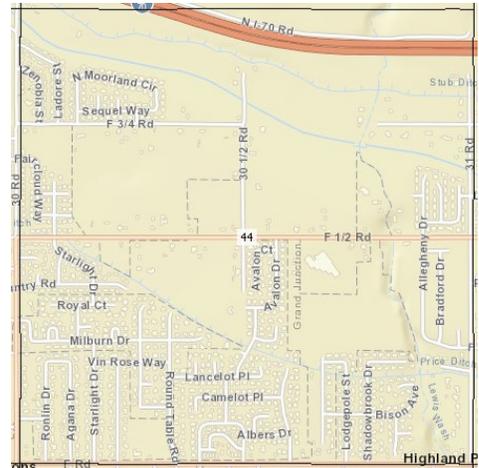
Fire Planning Zone: 44

Risk Assessment Score: 7.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
114	E2	TK6/E21	15.50	1	2,320

Description Profile: This area is comprised of unprotected residential occupancies and five commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 30 Road, 31 Road, F Road, F ½ Road and a portion of Interstate 70. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....2.5
- Target hazards.....0.5
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 04 seconds.

Structure Profile:

Residential: 928	Multi Family: 0	Commercial: 5
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Interstate 70.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its fire service responses and a decrease in emergency medical service calls and hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	2
		Moderate Risk	0	0	1	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	2	2	13	8
	Non-Emergent		5	27	32	21
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 45

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
13	E5	E3/E31	1.04	1	116

Description Profile: This area is comprised of unprotected residential occupancies and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 10 minutes and 32 seconds.

Structure Profile:

Residential: 47	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its emergency medical service calls and a decrease in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	1	0	2
	Non-Emergent		4	0	4	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 46

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
173	E5	E3	6.49	1	685

Description Profile: This area is comprised of unprotected residential occupancies, 15 commercial occupancies and a portion of the Colorado National Monument

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Broadway, E 1/2 Road and E 3/4 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....0.5
- Travel time for first unit.....3.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 9 minutes and 58 seconds.

Structure Profile:

Residential: 339	Multi Family: 0	Commercial: 15
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Monument Presbyterian Church	0	2	6	0	2	0	2	4	0	0	0	0	0	0	0	16

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, fire service responses, and hazardous material responses. This zone has shown a decrease in hazardous material response with an increase in emergency medical service calls and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	2	2	3
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	11	12	11
	Non-Emergent		30	30	30	35
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	2	4
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 47

Risk Assessment Score: 8.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
155	E5	E3	5.93	1	767

Description Profile: This area is comprised of unprotected residential occupancies and 29 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.5
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....2.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 7 minutes and 41 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 336	Multi Family: 0	Commercial: 29
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Church of the Nativity	0	2	6	0	0	3	2	4	10	5	0	0	0	5	0	37
Church on The Rock	0	2	6	0	0	0	3	4	0	0	0	0	0	0	0	15
Church on the Rock-south Bldg.	0	2	6	0	0	0	2	4	10	5	0	0	5	5	0	39
Grand Junction Fire Station # 5	0	2	10	0	0	0	0	1	0	0	5	0	0	0	0	18
Institute of Dancing Art	0	2	4	0	0	0	0	3	10	5	0	0	0	0	0	24
Life Community Church	0	6	18	0	2	0	6	13	0	0	0	0	0	0	0	45
Monument Fitness	0	2	4	0	0	0	0	4	10	5	0	0	0	0	0	25
Monument Village Fitness	0	2	4	0	0	0	0	4	10	5	0	0	0	0	0	25
Two Rivers Chateau-Conference Center	0	4	4	0	2	0	2	3	0	0	5	0	0	0	0	20
Two Rivers Winery	0	2	4	0	2	3	3	4	5	0	5	5	0	0	0	33



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Grand Junction Fire Station #5.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown a decrease in its fire service responses and emergency service calls with an increase in hazardous materials responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	1	0	0	0
	Non-Emergent		1	4	1	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	1	10	16	11
	Non-Emergent		23	29	29	24
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	1	1	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



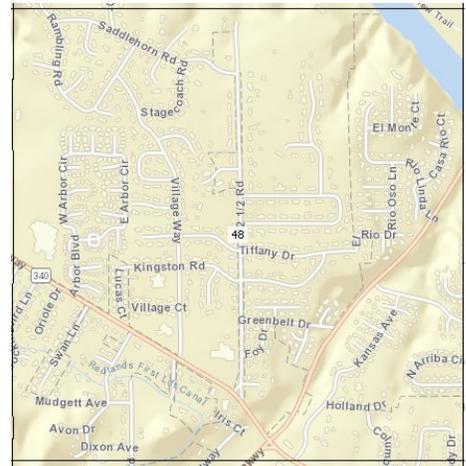
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 48

Risk Assessment Score: 10.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
506	E5	E3	13.97	1	2,035

Description Profile: This area is comprised of unprotected residential occupancies, 70 commercial occupancies and a portion of the Colorado River. The northeast corner of this fire planning zone contains FEMA floodplains and 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Broadway and Redlands Parkway.

Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights and roundabouts as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....3.5
- Total structure fires.....0.5
- Population.....2.0
- Target hazards.....1.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 32 seconds.

Structure Profile:

Residential: 874	Multi Family: 0	Commercial: 70
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Canyon View Car Wash	0	0	0	0	0	0	0	0	10	5	10	5	0	0	0	30
District 51 - Broadway Elementary School	0	2	4	0	0	0	4	4	10	0	0	0	5	5	0	34
District 51 - Redlands Middle School	0	1	4	0	0	0	5	5	10	0	0	5	5	5	0	40
Monument Preschool	0	2	4	0	0	0	0	4	0	0	0	0	0	0	0	10
Redlands United Methodist Church	0	2	6	0	0	0	2	4	0	0	0	0	0	5	0	19
The Church of Jesus Christ of LDS	0	4	6	0	0	0	3	5	10	5	0	0	5	0	0	38

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown an increase in its hazardous materials responses with a decrease in emergency medical service calls and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	1	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	5	0
	Non-Emergent			4	5	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	3	0
		Low Risk	40	14	36	26
	Non-Emergent			88	93	81
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	1
	Non-Emergent			2	1	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



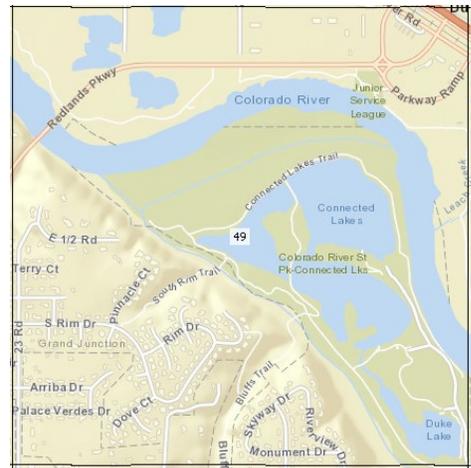
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 49

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
152	E5	TK1	6.61	1	725

Description Profile: This area is comprised of unprotected residential occupancies, nine commercial occupancies, the main rail line for the Union Pacific Railroad, Connected Lakes, and a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Redlands Parkway and River Road. Several residential streets utilize stop signs as traffic calming devices.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 8 minutes and 02 seconds.

Structure Profile:

Residential: 302	Multi Family: 0	Commercial: 9
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
HRL Compliance	0	0	10	0	0	0	2	0	10	0	10	10	0	0	0	42
Mays Concrete Complex	0	2	4	0	0	0	0	1	0	0	5	0	0	0	0	12

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is a Rail Line.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, technical rescue responses, and fire service responses. This zone has shown a decrease in its fire service responses, technical rescue responses and emergency medical service calls with an increase in hazardous material responses over the last four years.

Incident Type		2017	2018	2019	2020	
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	4	0
		Low Risk	1	0	0	0
	Non-Emergent	1	3	3	3	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	11	5	13	6
	Non-Emergent	23	26	19	28	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	1	0	2	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	2	0
	Non-Emergent	0	0	0	1	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 50

Risk Assessment Score: 12.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
424	E5/E3	E5/TK1	7.93	1	25

Description Profile: This area is comprised of unprotected residential occupancies, 126 commercial occupancies and a portion of the Mesa Mall. The southwest corner of this fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are River Road, 24 ½ Road, and a portion of Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....3.0
- Total structure fires.....1.5
- Population.....0.5
- Target hazards.....5.0
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 6 minutes and 11 seconds.

Structure Profile:

Residential: 12	Multi Family: 0	Commercial: 126
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Adventure West RV	0	0	10	0	2	0	2	0	10	0	0	0	0	0	0	24
All Pro Moving	0	1	10	0	2	0	5	4	0	0	5	5	0	5	0	37
Appliance Factory	0	1	4	0	2	0	3	2	10	5	10	0	0	5	0	42
Bananas Family Entertainment (Tent Structure)	0	4	6	0	2	0	2	0	0	0	0	0	0	5	0	19
Bananas Family Entertainment Center	0	2	4	0	0	0	0	3	0	0	0	0	5	5	0	19
Best Buy	0	4	4	0	0	0	3	3	0	0	5	5	0	0	0	24
Cabella's	0	1	4	0	0	0	5	7	0	0	0	0	0	5	0	22
Children's Nature Center	0	2	6	0	0	0	5	4	0	0	5	0	0	5	0	27
Chili's Restaurant	0	4	6	0	0	0	0	3	0	0	0	5	0	0	0	18
City Market Utility Warehouse	0	2	4	0	0	0	2	2	5	0	5	5	0	0	0	25
Colorado E-Bikes	0	2	4	0	0	0	0	2	0	0	5	0	0	0	0	13
Coors Tek	0	2	10	0	0	0	5	5	0	0	5	0	0	0	0	27



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Cray Valley	0	1	10	0	0	0	4	2	0	0	10	10	0	0	0	37
Cray Valley (South Expansion)	0	2	10	0	2	0	3	3	0	0	10	20	0	0	0	50
Cross Fit Junction	0	4	8	0	0	0	0	8	20	10	0	0	0	0	0	50
Davita Dialysis	0	2	8	0	0	0	0	2	0	0	5	0	0	0	0	17
E-Log Homes	0	2	4	0	0	0	0	2	0	0	5	0	0	0	0	13
Elevated Softgels	0	2	10	0	2	0	3	3	0	0	5	0	0	0	0	25
Fisher Electric	0	2	4	0	0	0	0	2	10	0	5	0	0	0	0	23
Glacier Ice Arena	0	1	6	0	0	0	4	5	0	0	10	10	0	0	0	36
Innovative Textile Warehouse	0	0	10	0	2	0	0	10	0	0	5	0	0	0	0	27
Inspire Dance Company	0	2	4	0	0	0	0	3	10	5	0	0	0	0	0	24
Intrawest Machine and Fabrication	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
Lizard Analytical Laboratories	0	1	4	0	0	0	0	1	10	5	0	10	0	0	0	31
Lunsford Bros Manufacturing	0	2	10	0	0	0	0	2	10	3	5	0	0	0	0	32
Meadow Gold Dairy	0	1	2	0	0	0	5	2	0	0	5	10	0	0	3	28
Mesa Mall	0	1	4	0	0	0	5	0	0	0	5	0	5	0	0	20
Mi Mexico Restaurant	0	4	6	0	0	0	2	4	0	0	0	10	0	0	0	26
Mosaic	0	2	8	0	0	0	0	3	0	0	5	0	0	0	0	18
Outback Steakhouse	0	2	6	0	0	0	2	4	0	0	0	5	0	0	0	19
Pho 88 Restaurant	0	4	6	0	0	0	0	2	10	5	0	5	0	0	0	32



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Picture Show Entertainment	0	2	6	0	0	0	3	5	10	0	0	0	0	0	0	26
Quikcrete	0	2	10	0	0	0	0	2	10	5	5	0	0	0	0	34
Rexel USA Inc.	0	1	10	0	2	0	5	5	0	0	5	5	0	5	0	38
Rocky Mountain Rail & Storage	0	1	4	0	0	0	3	2	0	3	0	0	0	0	0	13
SoilTek Organic Solutions	0	1	4	0	0	0	0	1	10	5	0	10	0	0	0	31
The Repair Shop	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
Turner Technical Services	0	2	10	0	0	0	0	2	10	0	2	0	0	0	0	29
Veterans Center	0	2	4	0	0	0	3	3	0	0	5	0	0	0	0	17
West Star Aviation	0	1	10	0	0	0	3	2	0	0	10	10	0	0	0	36

Critical Infrastructure: Within this planning zone there are four identified critical infrastructures, and they are City Market Utility Warehouse, Interstate 70 Business Loop, Rail Line, and Mesa Mall.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a decrease in fire service responses and emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	7	0	0	0
		Moderate Risk	0	0	1	0
		Low Risk	0	0	0	1
	Non-Emergent		4	5	4	3
EMS	Emergent	High Risk	1	0	0	0
		Moderate Risk	0	4	10	2
		Low Risk	37	20	37	22
	Non-Emergent		78	60	64	57
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	4	1	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 51

Risk Assessment Score: 15.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
1,044	E3	TK1	15.36	1	2,011

Description Profile: This area is comprised of unprotected residential occupancies, seven multifamily occupancies and 313 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are F Road, 25 Road, 25 ½ Road, 26 Road, Pinyon Avenue, and Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....1.0
- Population.....2.0
- Target hazards.....5.0
- Travel time for first unit.....2.0



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 5 minutes and 17 seconds.

Structure Profile:

Residential: 944	Multi Family: 7	Commercial: 313
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
201 Franklin Apartments	0	4	6	2	2	0	2	3	0	0	5	0	0	0	0	24
215 Franklin Apartments	0	4	6	2	2	0	2	3	0	0	5	0	0	0	0	24
970 Muscle Health Club	0	4	4	0	0	0	0	2	10	5	0	0	0	0	0	25
Affordable Action Moving Service	0	4	4	0	0	0	0	2	10	3	5	0	0	0	0	28
Apartments, 5 Bldgs.	10	4	6	0	2	0	2	2	0	5	0	0	5	5	0	31
Associates and Behavioral Counseling	0	4	4	0	0	0	0	1	10	5	0	0	0	0	0	24
Basil T. Knight Modular/ Main building	0	2	4	0	0	0	3	4	10	0	5	0	0	0	0	28
Being there Counseling	0	4	4	0	0	0	0	2	10	5	0	0	5	5	0	35
Carville Auto Service Shop	0	2	4	0	2	0	2	4	10	5	0	0	0	0	0	29
Colorado Sate Infusions	0	4	8	0	0	3	0	2	0	0	5	0	0	0	0	23
Colorado West Gymnastics	0	2	4	0	0	0	0	2	10	5	0	0	0	0	0	23
Comfort Dental	0	2	8	0	0	0	0	2	0	0	5	0	0	0	0	17



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
DECA Medical Bldg./Redlands Mesa Surgical Center	0	2	8	0	2	0	2	3	0	0	0	0	5	0	0	23
Division of Wildlife	0	4	4	0	0	0	0	2	10	5	5	0	0	0	0	30
Entrada Apartments	0	4	6	0	0	3	2	3	10	3	0	0	5	5	0	41
Franklin Park West Condos	0	4	6	0	0	3	4	4	10	5	0	0	5	5	0	46
Golden Corral	0	2	4	0	0	0	2	4	0	0	5	0	5	5	0	27
Grand Junction Fire Station #3	0	2	10	0	0	0	0	1	0	0	5	0	0	0	0	18
Grand Mesa Apartments	0	4	6	0	0	3	2	2	10	3	5	0	0	0	0	35
Grand View Apartments	0	4	6	2	2	0	3	4	0	0	0	0	0	0	0	21
Hobby Lobby - Rimrock Market #4, Lot 1	0	1	4	0	0	0	4	4	0	0	5	5	0	0	0	23
Homestead of Grand Junction	0	4	6	0	0	0	2	3	0	0	5	0	0	0	0	20
Jimmy John's Fast Food	0	2	4	0	0	0	0	2	0	0	5	0	0	0	0	13
Little Lambs Learning Center	0	4	6	0	0	0	2	3	0	0	0	0	5	0	0	20
Lowe's Home Improvement	0	1	4	0	0	0	3	5	0	0	0	5	0	0	0	18
Luebbert 4-Plex	0	4	6	0	0	0	0	1	10	5	5	0	0	0	0	31



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Military Recruiting	0	2	6	0	0	0	0	2	0	0	5	0	0	0	0	15
Red Robin Restaurant	0	2	6	0	0	0	0	4	0	0	0	5	0	0	0	17
Riverside Crossing # 2 (Lot 1)	0	2	6	0	0	0	0	2	0	0	5	0	0	0	0	15
Rya Suites Bldg. 1	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Rya Suites Bldg. 2	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Rya Suites Bldg. 3	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Rya Suites Bldg. 4	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Seventh Day Adventist Church and School (Campus)	0	4	6	0	0	0	4	4	0	0	0	0	0	0	0	18
Signature Nails	0	2	4	0	0	0	0	2	0	0	5	0	0	0	0	13
Sonic	0	2	4	0	0	0	0	2	10	5	0	0	0	0	0	23
Superior Granite Worx	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
Superior Granite Worx	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
Titan Academy (Online High School)	0	1	4	0	0	0	0	3	10	0	5	0	0	0	0	23
TJL	0	4	4	0	0	0	0	2	10	3	5	0	0	0	0	28
TJL	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
TJL Copy Products	0	4	4	0	0	0	0	2	10	3	5	0	0	0	0	28
Verizon Wireless unit #	0	2	4	0	0	0	0	1	0	0	5	0	0	0	0	12



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
TJL	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
TJL Copy Products	0	4	4	0	0	0	0	2	10	3	5	0	0	0	0	28
Verizon Wireless unit #	0	2	4	0	0	0	0	1	0	0	5	0	0	0	0	12

Critical Infrastructure: Within this planning zone there are six identified critical infrastructures, and they are two Verizon Wireless Units, DECA Medical Bldg./Redlands Mesa Surgical Center, Division of Wildlife, Interstate 70 Business Loop, and Grand Junction Fire Department Station #3.



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Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, technical rescue responses, and fire service responses. This zone has shown a decrease in fire service responses, technical rescue responses and hazardous materials responses with an increase in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	4	3	0	0
		Low Risk	0	2	9	1
	Non-Emergent		16	10	12	8
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	9	14	14	8
		Low Risk	48	61	81	56
	Non-Emergent		174	147	138	195
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	2	0
	Non-Emergent		7	7	6	5
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	2	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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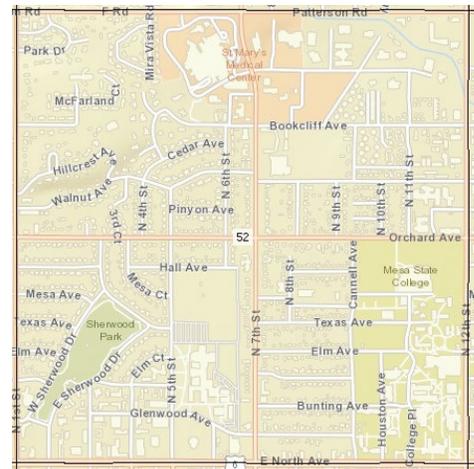
Fire Planning Zone: 52

Risk Assessment Score: 19.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
3,283	E3	TK6	17.55	1	4,404

Description Profile: This area is comprised of unprotected residential occupancies, seven multifamily occupancies, 219 commercial occupancies, Colorado Mesa University, and Saint Mary’s Medical Center.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 26 Road, North Avenue, Orchard Avenue, F Road, and 7th Street. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....3.0
- Population.....4.0
- Target hazards.....5.0
- Travel time for first unit.....2.0



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The total combined response time for the first unit in this planning zone is 5 minutes and 41 seconds.

Structure Profile:

Residential: 1,544	Multi Family: 7	Commercial: 219
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
8 Plex	0	4	6	0	0	0	0	2	10	5	0	0	5	5	0	38
1202 Walnut Fairmont Village	0	2	6	0	0	0	3	2	10	0	5	0	0	0	0	28
1204 Walnut Fairmont Village	0	1	6	0	0	0	0	2	0	0	5	0	0	0	0	14
ANB	0	4	4	0	0	0	0	2	10	5	0	0	0	0	0	25
Aspen Glen Assisted Living	0	4	8	0	0	3	0	1	10	3	5	0	5	0	0	39
Aspen Leaf Place	0	4	6	2	2	0	5	4	0	0	5	0	0	0	0	28
Bloomin Babies Birth Center	0	2	8	0	0	3	0	2	5	5	0	0	5	5	0	35
Breckenridge Ale House	0	4	6	0	0	0	2	4	0	0	0	5	0	5	0	26
CMU - Bunting Avenue Student Housing (BASH)	0	1	6	2	2	0	5	5	0	0	0	0	0	0	0	21
CMU - Escalante Hall (ACB II)	0	1	4	2	2	0	5	5	0	0	0	0	0	0	0	19



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
CMU - Garfield Hall A	0	2	6	2	2	0	2	3	0	0	5	0	0	0	0	22
CMU - Garfield Hall B	0	4	6	2	2	3	5	4	0	0	0	0	0	0	0	26
CMU - Grand Mesa Residence Hall	0	2	4	2	2	0	4	4	0	0	5	0	0	0	0	23
CMU - Health Sciences Building	0	1	4	0	0	3	5	5	0	0	0	0	0	0	0	18
CMU - Innovation Center	0	2	6	0	0	3	3	4	10	5	0	0	0	0	0	33
CMU - Library Book/Shelving Storage Warehouse	0	1	2	0	0	0	3	1	0	0	5	0	0	0	0	12
CMU - Little Mavs Daycare (Built 2018)	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
CMU - Mary Rait Hall	0	2	4	2	2	0	4	4	0	0	5	0	0	0	0	23
CMU - Maverick Center	0	1	6	0	2	3	5	7	0	0	0	0	0	0	0	24
CMU - Maverick Hotel	0	2	6	0	0	0	0	3	0	0	0	0	0	0	0	11
CMU - Maverick Sports Pavilion	0	2	6	0	2	0	3	5	0	0	0	0	0	0	0	18
CMU - Mini Mavs Daycare	0	4	4	0	0	0	0	2	10	0	5	0	0	0	0	25



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
CMU - Monument Hall	0	2	6	2	2	0	3	4	0	0	0	0	0	5	0	24
CMU - Moss Performing Arts Center	0	2	6	2	0	0	4	0	0	0	5	0	0	0	0	19
CMU - North Avenue Student Housing (NASH)	0	2	4	2	2	0	0	0	0	0	0	0	0	0	0	10
CMU - Orchard Ave. Student Housing (OASH)	0	4	6	2	2	0	5	5	0	0	0	0	0	0	0	24
CMU - Pinyon Hall	0	2	6	2	2	0	0	4	10	0	0	0	0	0	0	26
CMU - Tolman Hall	0	2	4	2	2	0	4	4	0	0	5	0	0	0	0	23
CMU - University Center & Parking Structure	0	1	4	0	2	0	5	7	0	0	0	0	0	0	0	19
CMU - Walnut Ridge Apts.	0	2	4	2	2	0	4	4	0	0	0	0	0	0	0	18
CMU - Wingate Hall	0	4	6	2	2	0	5	5	0	0	0	0	0	0	0	24
CMU - Wubben Hall	0	1	4	2	2	0	5	4	0	0	5	0	0	0	0	23
CMU - Confluence Hall/ Eureka Science Center	0	1	4	2	2	3	5	5	0	0	5	10	0	0	0	37
Crest Ridge Memory Care	0	4	6	0	0	3	0	1	10	0	0	0	0	0	0	24



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Day Surgery of Grand Junction	0	2	8	0	0	0	0	3	5	0	0	0	5	5	0	28
Diamond Dental Lab	0	4	8	0	0	0	0	1	10	0	5	0	0	0	0	28
District 51 - Grand Junction High School	0	1	4	0	0	3	5	0	5	0	5	5	5	5	0	38
District 51 - Grand Junction High-West C	0	2	4	0	0	0	2	3	10	5	5	10	0	5	0	46
District 51 - Tope Elementary School	0	2	4	0	0	0	5	4	10	0	0	0	5	5	0	35
District 51 - West Middle School + modulars	0	2	4	0	0	3	5	5	5	0	0	5	5	5	0	29
District 51- Grand Junction High West Campus	0	2	4	0	0	0	3	4	10	0	5	0	0	0	0	28
Dr. Jennifer Stroh	0	0	8	0	0	0	0	2	0	0	0	0	0	0	0	10
Farmers Consumers Co-op Fruita	0	2	10	0	0	0	4	4	0	0	5	10	0	0	0	35
Fiesta Guadalajara	0	4	6	0	0	0	2	3	0	0	0	0	0	0	0	15
First Christian Church	0	4	6	0	0	0	3	5	10	5	0	0	0	0	0	33
First Congregational Church	0	2	6	0	2	0	4	5	5	3	0	0	0	0	0	37



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First Congregational Church	0	2	6	0	2	3	4	5	10	5	0	0	0	0	0	37
General Surgeons of Western CO	0	0	8	0	0	0	2	3	0	0	5	0	0	0	0	18
Grand Valley Surgical Center	0	1	8	0	2	0	3	4	0	0	0	0	5	0	0	23
Health Service Program-Housing	0	4	6	0	0	0	2	3	10	5	5	0	0	0	0	35
Heritage Church	0	4	6	0	0	0	0	4	0	0	5	0	0	0	0	19
Holiday Laundromat & Cleaners	0	2	10	0	0	0	0	2	10	0	5	5	0	5	0	39
La Villa Grande Nursing Home	0	2	8	0	0	0	4	4	0	0	0	0	5	5	0	28
Las Casas Apartments - East and West Buildings	0	4	6	0	0	0	0	2	10	0	5	0	0	0	0	27
Marillac Clinic	0	1	8	0	0	3	0	2	0	0	5	0	0	0	0	19
Marillac Clinic	0	2	8	0	0	0	2	3	0	0	0	0	5	5	0	25
Masonic Temple	0	2	6	0	0	0	4	5	0	0	0	0	0	0	0	17
Mesa Family Practice	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Monterey Park Senior Community	0	8	12	0	0	0	2	2	20	3	5	0	0	0	0	52
Montessori Pre-school of Grand Junction	0	2	4	0	0	0	0	3	10	0	0	0	0	0	0	19



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Monument Ridge Townhomes	0	4	6	0	0	0	0	1	5	0	5	0	0	0	0	21
Mountain Grind Coffee	0	1	6	0	0	0	0	2	0	0	0	0	0	0	0	9
Mountain West Dermatology	0	8	12	0	0	0	4	5	0	0	10	0	0	0	0	39
New Life Church	0	4	6	0	0	3	3	4	10	3	0	0	5	5	0	43
Newman House (Catholic Ministry Facility)	0	4	4	0	0	3	0	2	10	3	0	0	0	0	0	26
Ohr Shalom Community Center	10	4	6	0	0	0	0	2	10	5	0	0	0	0	0	37
Orchard Bungalow	0	4	6	0	0	3	0	1	10	0	5	0	0	0	0	29
Peak Performance Chiropractic	0	4	8	0	0	0	0	3	0	0	5	0	0	0	0	20
Raven Dental Lab	0	4	8	0	0	0	0	2	10	0	5	0	0	0	0	29
Rotman Eye Care	0	1	8	0	0	0	0	2	0	0	0	0	0	0	0	11
Sage Health	0	4	8	0	0	0	2	3	0	0	5	0	0	0	0	22
Saint Mary's Lung and Sleep center	0	1	8	0	0	0	2	3	0	0	0	0	5	5	0	24
St. Mary's Advanced Medicine Pavilion	0	2	8	2	2	0	5	5	0	0	5	10	5	0	0	44
St. Mary's Hospital	0	0	8	3	3	3	5	0	0	0	5	10	5	0	3	45
St. Mary's Hospital Dialysis Center	0	1	8	0	2	0	3	4	0	0	0	0	5	0	0	23



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
St. Mary's Hospital Education Building	0	0	6	0	2	0	0	5	0	0	0	0	0	0	0	13
St. Mary's Hospital Parking Garage	0	0	8	2	2	3	3	3	5	0	5	0	5	5	0	41
Stove Depot	0	2	4	0	0	0	0	2	10	5	0	5	0	5	0	33
Strive Main Offices	0	4	4	0	0	0	4	3	0	0	0	0	0	5	0	20
Supercuts	0	1	4	0	0	0	0	5	0	0	0	0	0	0	0	10
The Art Center	0	4	6	0	0	0	3	4	10	0	5	0	0	0	0	32
The Highlands Senior Apartments (Phase 1)	0	4	6	2	2	0	5	5	0	0	0	0	0	0	0	24
The Highlands Senior Apartments (Phase 2)	0	4	4	0	0	0	0	2	10	0	0	0	5	0	0	25
The Pregnancy Center	0	2	8	0	0	3	0	1	10	5	0	0	0	0	0	29
Town North Condominiums	0	4	6	0	2	3	4	3	0	0	5	0	0	0	0	27
UPS Store	0	2	4	0	0	0	0	2	10	0	5	0	0	0	0	23
Ute Water Headquarters	0	2	10	0	0	0	4	4	0	0	0	0	0	0	0	20
Vacant	0	2	4	0	0	0	0	2	0	0	0	0	0	0	0	8
Vacant, formerly REI	0	2	4	0	0	0	3	4	0	0	5	0	0	5	0	23
Valley Vision Center	0	1	4	0	0	0	0	1	0	0	0	0	0	0	0	6
WAMBCAI	0	4	8	0	0	0	0	3	10	0	0	0	5	5	0	35



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Critical Infrastructure: Within this planning zone there are thirteen identified critical infrastructures, and they are ANB Bank, CMU Facilities, St. Mary’s Hospital Facilities, General Surgeons of Western Colorado, Grand Valley Surgical Center, Health Service Program Housing, the UPS Store, Valley Vision Center, Marillac Clinic, Mesa Family Practice, La-Villa Grande Nursing Home and Ute Water Headquarters.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its fire service responses with a decrease in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	4	0	7
		High Risk	6	0	0	0
		Moderate Risk	0	6	0	5
		Low Risk	10	0	7	4
	Non-Emergent		13	7	11	9
EMS	Emergent	High Risk	4	2	0	0
		Moderate	2	9	18	16
		Low Risk	152	165	194	166
	Non-Emergent		612	533	584	717
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		3	5	6	5
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	1



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

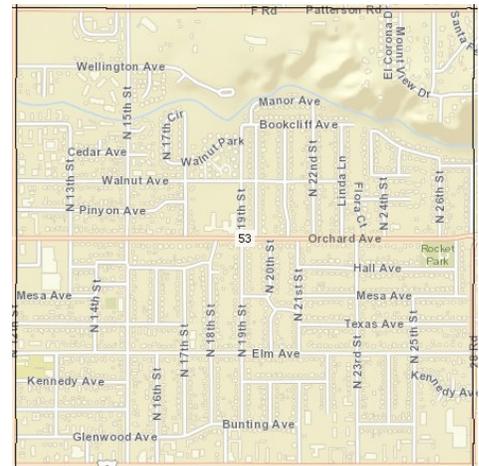
Fire Planning Zone: 53

Risk Assessment Score: 19.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
2,909	E2	E3/TK1/TK6	18.86	1	4,828

Description Profile: This area is comprised of unprotected residential occupancies, eight multifamily occupancies and 138 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 12th Street, North Avenue, Orchard Avenue, F Road, and 28 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....3.0
- Population.....4.5
- Target hazards.....5.0
- Travel time for first unit.....2.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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The total combined response time for the first unit in this planning zone is 5 minutes and 30 seconds.

Structure Profile:

Residential: 2,407	Multi Family: 8	Commercial: 138
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
4-plex apartment	0	4	6	0	0	0	0	2	10	5	5	0	0	0	0	32
1206 Walnut Fairmont Village	10	4	6	0	0	0	0	1	0	0	5	0	0	0	0	26
1208 Walnut Fairmont Village	0	2	6	0	0	0	2	3	0	0	5	0	0	0	0	18
1210 Walnut Fairmont Village	0	4	6	0	0	0	3	2	0	0	5	0	0	0	0	20
1214 Walnut Fairmont Village	0	2	6	0	0	0	0	2	0	0	5	0	0	0	0	15
Amos Group Home	0	4	8	0	0	0	0	1	10	3	5	0	5	0	0	36
ANB Bank	0	1	4	0	0	0	0	2	10	0	0	0	0	0	0	17
Campus View Suites 4-plex	0	4	6	0	0	0	0	2	0	0	5	0	0	0	0	17
Chateau Apartments	0	2	6	0	0	3	4	3	10	5	0	0	5	5	0	43
Christ Center	0	4	6	0	2	3	0	4	0	0	0	0	0	0	0	19
City Market	0	1	4	0	0	0	5	5	0	5	0	0	0	0	0	20
CMU - Facilities Shop Building	0	2	4	0	2	0	3	4	0	0	5	0	0	0	0	20



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
CMU - Rotary Hall	0	2	6	0	0	0	0	3	0	0	0	0	0	0	0	11
CSL Plasma	0	1	4	0	0	0	2	2	0	0	0	0	0	5	0	14
District 51 - Elm Cottage	0	4	4	0	0	0	0	2	10	0	0	0	5	0	0	25
District 51 - Orchard Avenue Elementary	0	2	4	0	0	0	5	4	5	0	0	0	5	0	0	25
Double Tree Apartments	0	4	6	2	2	0	2	3	10	3	5	0	0	0	0	37
Driftwood Apartments	0	4	6	2	2	0	3	3	10	5	5	0	0	0	0	40
El Palomino Motel	0	2	6	0	0	0	0	2	5	3	5	0	0	0	0	23
Envision 1 Builders	0	4	4	0	0	0	0	1	10	5	0	0	0	0	0	24
Far East Restaurant	0	4	6	0	0	0	2	4	10	5	0	0	0	0	0	31
Four-Plex Residential Structure	0	4	6	0	0	0	0	2	0	0	5	0	0	0	0	17
Frontier Motor Lodge	0	1	6	0	0	0	0	1	10	0	0	0	0	0	0	18
Gospel Ministries	0	2	6	0	0	0	2	3	10	5	5	0	0	0	0	33
Grand Valley Primary Care II	0	4	8	0	0	3	0	2	10	0	0	0	5	5	0	37
Grand Villa	0	2	6	0	0	0	4	3	0	0	0	0	5	0	0	20
Hilltop Bacon Res-Bldg. C or #8	0	4	8	0	0	0	0	2	10	3	5	0	5	0	0	37
Hilltop Bacon Residential Campus	0	2	8	0	2	0	2	3	0	0	5	0	5	0	0	37



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Hilltop Residential-Bldg. D or #7	0	4	8	0	0	0	0	2	0	0	5	0	0	0	0	19
Hilltop Residential-Bldg. E or #5 RYS	10	4	8	0	0	0	0	2	10	0	5	0	0	0	0	39
Hilltop Residential-Bldg. F or #4	0	4	8	0	0	0	0	2	0	0	5	0	0	0	0	19
Hilltop Residential-Bldg. G or #3	0	4	6	0	0	0	0	1	0	0	5	0	5	0	0	21
Hilltop- Bariatric Apartments --RYS	0	4	8	0	0	0	0	2	0	0	5	0	5	0	0	24
Kids of the Kingdom Daycare	0	2	4	0	0	0	0	2	10	0	5	0	0	0	0	23
Latimer Apartments	0	4	6	0	0	3	2	2	0	0	0	0	0	5	0	22
LDS Institute of Religion	0	4	6	0	0	0	0	3	10	0	10	0	0	0	0	33
Lusby Apartments	0	4	6	0	0	0	0	2	0	0	0	0	0	0	0	12
MDS Group Home	0	6	16	0	0	0	0	4	0	0	5	0	5	5	0	41
Northeast Christian Church	0	2	6	0	0	0	4	4	10	3	0	0	0	5	0	34
Part of Timbers Motel (building)	0	1	6	0	0	0	0	1	10	3	5	0	0	0	0	26
Patterson Apartments-Building A	0	4	6	0	0	0	0	3	10	3	5	0	0	0	0	31
Patterson Apartments-Building B	0	4	6	0	0	0	2	2	10	3	0	0	0	0	0	27



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Pizza Hut	0	4	6	0	0	0	0	3	10	5	0	5	0	0	0	33
Providence Reformed Church	0	2	6	0	2	0	0	3	10	5	0	0	0	0	0	28
Qdoba	0	1	6	0	0	0	0	4	0	0	0	5	0	0	0	16
Red Cliff Shopping Center (East Building)	0	2	6	0	0	0	4	5	0	0	0	0	0	0	0	17
Retail Shops at City Market (#444)	0	1	4	0	0	0	0	5	0	0	0	5	0	0	0	15
Schindelar Apartments	0	4	6	0	0	0	3	2	0	0	0	0	5	5	0	25
Solar Studios	0	2	6	0	0	0	2	3	5	0	5	0	0	0	3	26
Timbers Motel	0	1	6	0	0	0	3	3	10	5	5	0	5	5	0	43
Verizon (VICTRA)	0	1	4	0	0	0	0	2	0	0	0	0	0	0	0	7
Village Inn Restaurant	0	8	10	0	0	0	0	7	10	5	0	0	5	0	0	45
Vineyards Assisted Living	0	4	8	0	0	0	2	2	10	3	5	0	0	0	0	34
Vineyards Memory west Bldg.	0	4	6	0	0	0	0	1	0	0	0	0	5	0	0	16
Walnut Park Apartments	0	4	4	0	0	0	0	2	10	5	0	0	5	0	0	30

Critical Infrastructure: Within this planning zone there are six identified critical infrastructures, and they are ANB Bank, CMU Facilities, City Market Grocery Store, CSL Plasma, Grand Valley Primary Care II, and MDS Group Home.



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Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown a decrease in its hazardous materials responses with an increase in fire service responses and emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	6	0	7	0
		High Risk	0	4	0	0
		Moderate Risk	1	0	2	1
		Low Risk	6	2	9	10
	Non-Emergent			11	19	15
EMS	Emergent	High Risk	0	2	0	0
		Moderate Risk	5	18	19	10
		Low Risk	174	156	169	169
	Non-Emergent			497	528	473
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	2
	Non-Emergent			6	4	9
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Fire Planning Zone: 54

Risk Assessment Score: 16.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
3,512	E2	E3/TK6	17.38	1	4,221

Description Profile: This area is comprised of unprotected residential occupancies, 12 multifamily occupancies and 91 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 28 Road, 28 ½ Road, 28 ¼ Road, 29 Road, F Road, and Orchard Avenue. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....0.5
- Population.....4.0
- Target hazards.....5.0
- Travel time for first unit.....2.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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The total combined response time for the first unit in this planning zone is 5 minutes and 08 seconds.

Structure Profile:

Residential: 2,000	Multi Family: 12	Commercial: 91
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Arbor Vista Bldg. D	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. I	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. A	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. B	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. C	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. E	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. F	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. G	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arbor Vista Bldg. H	0	4	6	0	0	0	2	2	0	0	5	0	5	5	0	29
Arc Thrift Store	0	2	4	0	0	0	5	5	0	0	0	0	0	0	0	26
Body Therapeutics	0	4	8	0	0	0	0	2	0	0	5	0	0	0	0	19
Bookcliff Manor	0	4	8	0	0	3	2	2	0	0	0	0	5	5	0	29
Brady Chiropractic Building	0	4	8	0	0	0	0	3	0	0	0	0	0	0	0	15
Carpetland	0	2	4	0	0	0	0	2	0	0	5	0	5	0	0	18
Church of Christ	0	2	6	0	0	0	3	4	10	0	0	0	0	0	0	25
Columbine Motel	0	2	6	0	0	0	0	2	10	5	0	0	5	5	0	35



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
GJ Hookah Bar (was Appleseed)	0	2	4	0	0	0	0	2	0	0	0	0	5	0	0	13
Grand Junction Fire Station #2	0	2	6	0	0	0	0	2	0	0	5	0	0	0	0	15
Grand Manor Apts.	0	4	6	0	2	0	5	4	10	0	5	0	0	0	0	36
Grand Valley Childcare	0	4	6	0	0	0	0	3	10	5	5	0	0	0	0	33
H & R Block	0	2	4	0	0	0	0	2	0	0	0	0	5	0	0	13
Heritage Church	0	4	4	0	0	0	0	2	10	5	0	0	0	0	0	25
Junction Community Church	0	4	6	0	0	0	2	4	10	5	0	0	0	0	0	36
LDS Family History Center	0	0	6	0	0	0	4	5	10	5	5	0	0	0	0	35
LeMaster's Mobile Home Park	0	4	4	0	0	0	0	1	10	3	5	0	0	0	0	37
Mantey Heights Rehab and Care	0	4	8	0	0	0	0	4	0	0	5	0	5	0	0	26
Matrix Laboratories	0	2	8	0	0	0	0	2	10	5	5	0	0	0	0	32
O'Reilly Auto Parts Store	0	2	4	0	0	0	2	2	10	5	5	5	0	0	0	35
Omni Care	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	20
Pro EMS Education	0	2	4	0	0	0	0	2	0	0	0	0	5	0	0	13
Residential 4-plex	0	4	6	0	0	0	0	1	0	0	5	0	0	0	0	16
RMSER Early Learning Centers	0	4	4	0	0	0	0	3	0	0	0	0	0	0	0	11
Scallywags Bar and Grill	0	4	6	0	0	0	0	3	10	5	0	0	0	0	0	28



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Star Tek	0	2	4	0	0	0	5	5	0	0	0	0	5	0	0	21
The Residence at Grand Mesa	0	4	8	0	0	0	4	4	0	0	5	0	5	0	0	30
The Retreat-Bldg. 1	0	4	8	0	0	3	2	2	0	0	5	0	5	0	0	29
The Retreat-Bldg. 2	0	4	8	0	0	3	0	2	0	0	5	0	0	0	0	22
The Retreat-Bldg. 3	0	4	8	0	0	0	2	2	0	0	5	0	5	0	0	26
Today's Image	0	2	4	0	0	0	2	4	0	0	5	0	5	0	0	22
Wells Fargo Bank	0	1	4	2	2	3	4	3	5	0	0	0	0	0	0	24
West Springs Health Bldg. E	0	2	4	0	0	0	0	2	0	0	0	0	0	5	0	13

Critical Infrastructure: Within this planning zone there are six identified critical infrastructure, and they are Grand Junction Fire Station #2, Wells Fargo Bank, Omni Care, Matrix Laboratories, Mantey Heights Rehab and Care, and Bookcliff Manor Nursing Home.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown an increase in its emergency medical service and fire service responses calls with a decrease in and hazardous materials responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	1	0	0
		Moderate Risk	6	0	8	9
		Low Risk	0	5	14	5
	Non-Emergent		15	17	9	20
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	7	8	33	20
		Low Risk	198	160	196	208
	Non-Emergent		637	525	648	710
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate	0	0	0	0
		Low Risk	9	2	3	0
	Non-Emergent		8	12	10	9
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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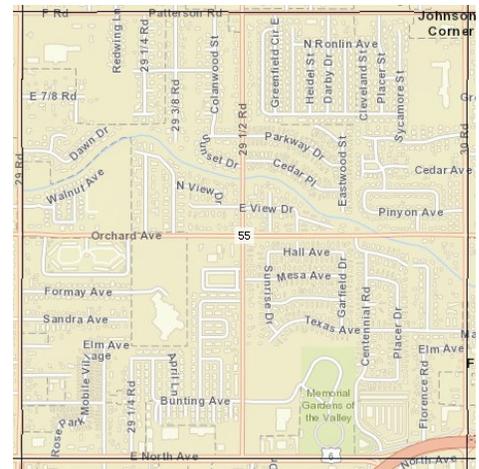
Fire Planning Zone: 55

Risk Assessment Score: 21.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
2,539	E2	E3/TK6	18.88	1	5,036

Description Profile: This area is comprised of unprotected residential occupancies, 11 multifamily occupancies and 93 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 29 Road, 29 ½ Road, 30 Road, F Road, North Avenue, Orchard Avenue, and a portion of the Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....4.0
- Population.....5.0
- Target hazards.....5.0
- Travel time for first unit.....2.5



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 6 minutes and 15 seconds.

Structure Profile:

Residential: 2,231	Multi Family: 11	Commercial: 93
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
29 Mile Apartments C	0	4	6	2	2	0	4	3	10	0	0	0	5	5	0	41
29 Mile Apartments D	0	4	6	2	2	0	4	3	10	0	0	0	5	5	0	41
29 Mile Apartments E	0	4	6	2	2	0	4	3	10	0	0	0	5	5	0	41
29 Mile Apartments G	0	4	6	2	2	0	4	4	10	0	0	0	5	5	0	42
29 Mile Apartments H	0	4	6	2	2	0	4	3	10	0	0	0	5	5	0	41
29 Mile Apartments- Office	0	4	6	2	2	0	4	2	10	0	5	0	0	0	0	35
29 Mile Apartments F	0	4	6	2	2	0	4	3	10	0	0	0	5	5	0	41
Apria Healthcare	0	1	4	0	0	0	0	1	10	5	0	10	0	5	0	36
Ariel Clinic	0	0	8	0	0	0	0	2	0	0	5	0	0	0	0	15
Ariel Clinical Services	0	4	8	0	0	0	0	4	0	0	0	0	10	0	0	26



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Ariel Clinical Services	0	2	4	0	0	0	2	4	0	0	0	0	5	0	0	17
Ariel Clinical Services	0	2	4	0	0	0	0	2	0	0	0	0	5	0	0	13
Ariel Clinical Services	0	2	4	0	0	0	0	2	0	0	0	0	5	0	0	13
Asset House	0	4	6	0	0	0	0	1	10	3	5	0	0	0	0	29
Bass Apts. - A	0	4	6	2	0	0	2	4	10	0	0	10	0	5	0	43
Bass Apts. - B	0	4	6	2	0	0	4	4	10	0	0	10	0	0	0	40
Bethel Assembly of God	0	4	6	0	0	0	3	4	0	0	0	0	0	0	0	17
Church of God	0	4	12	0	0	3	2	6	20	5	5	0	0	0	0	57
Crossroads United Methodist Church	0	4	6	0	0	0	3	4	10	0	0	0	0	0	0	27
District 51 - Bookcliff Middle School	0	1	4	0	0	0	5	5	0	0	0	5	5	5	0	30
District 51 - Fruitvale Elementary School	0	2	4	0	0	3	5	4	5	0	0	0	5	5	0	33
New Seasons of Grand Junction	0	1	4	0	0	0	0	2	10	5	0	0	0	5	0	27
North Ave. Storage #2	0	4	2	0	0	0	3	1	10	5	5	10	0	0	0	40
Pathways Village	0	4	6	2	2	0	4	4	0	0	0	0	0	5	0	27



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Raz-Ma-Taz learning center	0	4	8	0	0	0	0	2	10	0	5	0	5	0	0	34
Regional Center Group Home	0	13	32	0	0	0	0	4	0	0	20	0	0	0	0	69
Walgreens #9769	0	0	4	0	0	0	2	0	0	0	5	5	0	0	0	16

Critical Infrastructure: Within this planning zone there are four identified critical infrastructure, and they are Walgreens, Regional Center Group Home, Ariel Clinic Facilities, and Apria Health Care.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, fire service responses, technical rescue responses and hazardous materials responses. This zone has shown an increase in its fire service responses and emergency medical service calls with a decrease in hazardous materials responses and technical rescue responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	4	2	17
		Moderate Risk	3	2	2	0
		Low Risk	7	17	8	6
	Non-Emergent		20	11	10	12
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	2	8	8	14
		Low Risk	158	129	147	196
	Non-Emergent		435	390	379	516
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent		11	11	4	8
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 56

Risk Assessment Score: 7.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
34	E2/E21	E2/E21	17.26	1	2,552

Description Profile: This area is comprised of unprotected residential occupancies, 110 commercial occupancies and the main rail line for the Union Pacific Railroad.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are E Road, E ½ Road, F Road, 30 Road, 31 Road and a portion of the Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....2.5
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 54 seconds.

Structure Profile:

Residential: 1,052	Multi Family: 0	Commercial: 110
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
CDI Headstart	0	4	4	0	0	0	0	3	10	0	5	0	0	0	0	26

Critical Infrastructure: Within this planning zone there are two identified critical infrastructures, and they are the Interstate 70 Business Loop and a Rail Line.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its fire service responses and emergency medical service calls with a decrease in its hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	2
		Low Risk	0	0	0	0
	Non-Emergent			1	2	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	2	1	5
	Non-Emergent			3	3	6
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

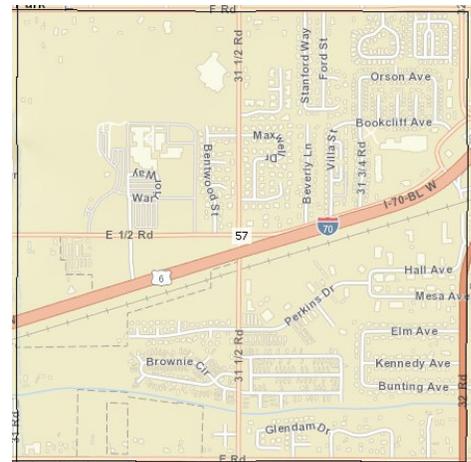
Fire Planning Zone: 57

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
38	E2/E21	E2/E21	15.30	1	2,223

Description Profile: This area is comprised of unprotected residential occupancies, one commercial occupancy and the main rail line for the Union Pacific Railroad.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are E Road, E ½ Road, F Road, 31 Road, 32 Road and a portion of the Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....2.0
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 8 minutes and 49 seconds.

Structure Profile:

Residential: 914	Multi Family: 0	Commercial: 1
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Church	0	4	6	0	0	0	0	2	10	5	0	0	0	0	0	27

Critical Infrastructure: Within this planning zone there are two identified critical infrastructures, and they are the Interstate 70 Business Loop and a Rail Line.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has maintained its emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	1	0
		Low Risk	0	0	0	1
	Non-Emergent		7	9	10	10
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

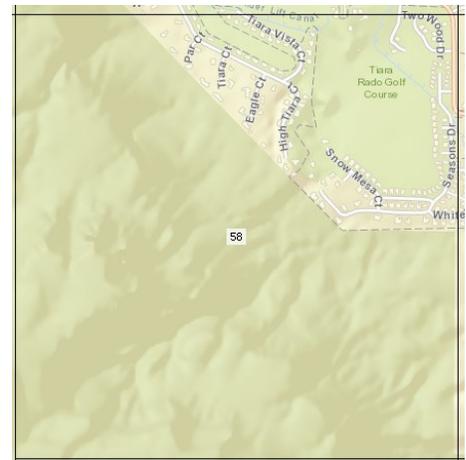
Fire Planning Zone: 58

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
101	E5 / E21	E3	2.73	1	286

Description Profile: This area is comprised of unprotected residential occupancies, two commercial occupancies and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

Total number of incidents.....	1.0
Total structure fires.....	0.5
Population.....	0.5
Target hazards.....	0.5
Travel time for first unit.....	4.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 10 minutes and 31 seconds.

Structure Profile:

Residential: 164	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Cub House 25	0	2	4	0	0	3	2	3	10	0	0	5	0	0	0	29

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material response and fire service responses. This zone has shown an increase in its emergency medical service calls and a decrease in its hazardous material responses and fire service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		21	18	18	13
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	5	4	1	18
	Non-Emergent		0	1	0	0
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	2	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
160	E5	E3	5.08	1	522

Description Profile: This area is comprised of unprotected residential occupancies and six commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 57 seconds.

Structure Profile:



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Residential: 196	Multi Family: 0	Commercial: 6
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Monument Assisted Living	0	2	8	0	0	0	0	1	10	0	0	0	0	5	0	26

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Monument Assisted Living.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, technical rescue responses and fire service responses. This zone has shown a decrease in emergency medical service calls, technical rescue responses and fire service calls with an increase in hazardous material responses over the last four years.

Incident Type		2017	2018	2019	2020	
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	1	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	10	21	13	4
	Non-Emergent	20	43	27	17	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	1	0	1	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	1	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 60

Risk Assessment Score: 5.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
110	E5	E3	5.77	1	525

Description Profile: This area is comprised of unprotected residential occupancies and 16 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are S. Camp Road, Broadway, and Redlands Parkway. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 46 seconds.

Structure Profile:

Residential: 218	Multi Family: 0	Commercial: 16
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Liberty Baptist Church	0	4	6	0	0	3	0	4	10	3	0	0	0	5	0	35
Western Valley Medical Office Building	0	4	8	0	0	0	0	2	0	0	0	0	0	0	0	14

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Western Valley Medical Office Building.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown a decrease in its emergency medical service, hazardous material responses and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			2	5	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	3	4	0
		Low Risk	3	2	19	2
	Non-Emergent			19	16	8
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	1	3
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



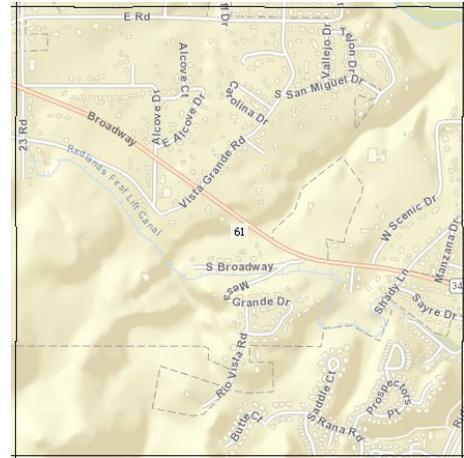
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 61

Risk Assessment Score: 7.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
223	E5 / E3	TK1 / E5	9.08	1	662

Description Profile: This area is comprised of unprotected residential occupancies and 21 commercial occupancies. The northeast corner of this fire planning zone contains FEMA 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 23 Road, E Road and Broadway. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.5
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....1.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 58 seconds.

Structure Profile:

Residential: 275	Multi Family: 0	Commercial: 21
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
District 51 - Scenic Elementary School	0	2	4	0	0	3	4	5	10	0	0	0	0	5	0	33
Monument Baptist Church	0	2	6	0	0	0	2	4	10	5	0	0	0	0	0	29
Redlands Community Church	0	2	6	0	0	0	4	4	10	5	0	0	0	0	0	31
Redlands Pentecostal Church of God	0	4	6	0	0	3	0	4	10	5	5	0	0	0	0	37
Single family home	0	4	8	0	0	3	0	1	0	0	5	0	0	0	0	21
District 51 - Scenic Elementary School	0	2	4	0	0	3	4	5	10	0	0	0	0	5	0	33

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown a decrease in its fire service responses, hazardous material responses and emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	4	0
		Low Risk	0	0	0	1
	Non-Emergent			0	1	2
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	2	1	6	0
		Low Risk	19	12	17	5
	Non-Emergent			27	35	39
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			2	3	4
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

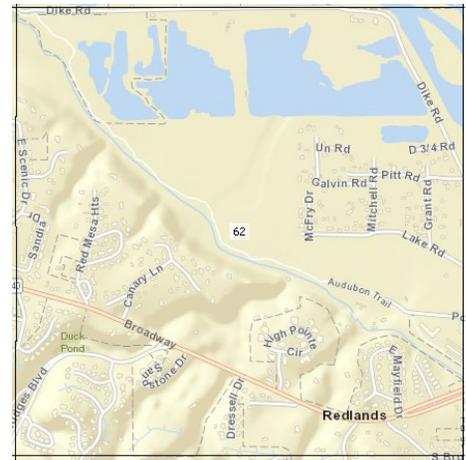
Fire Planning Zone: 62

Risk Assessment Score: 9.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
480	TK1	E5	8.34	1	1,101

Description Profile: This area is comprised of unprotected residential occupancies, nine commercial occupancies, and a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Broadway. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....3.5
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....1.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 48 seconds.

Structure Profile:

Residential: 473	Multi Family: 0	Commercial: 9
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Comfort Care	0	4	8	0	0	0	0	2	0	0	0	0	5	5	0	24
Comfort Care Assisted Living	0	4	8	0	0	0	0	2	10	0	0	0	5	5	0	34
Comfort Care Assisted Living	0	4	8	0	0	0	0	2	0	0	0	0	5	5	0	24
Pilgrim House-Assisted Living	0	4	8	0	0	0	0	2	10	0	0	0	0	5	0	29
Redlands Community Center	0	4	6	0	0	3	0	4	10	5	0	0	5	0	0	37
Soar Physical Therapy	0	2	8	0	0	0	0	2	10	3	5	0	0	0	0	30
Comfort Care	0	4	8	0	0	0	0	2	0	0	0	0	5	5	0	24

Critical Infrastructure: Within this planning zone there are three identified critical infrastructure, and they are Comfort Care Facilities, Pilgrim House Assisted Living, and Solar Physical Therapy.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its fire service responses with a decrease in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	1	0	0
		Low Risk	0	0	0	0
	Non-Emergent		6	7	1	13
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	32	24	35	27
	Non-Emergent		70	76	73	110
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	1	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

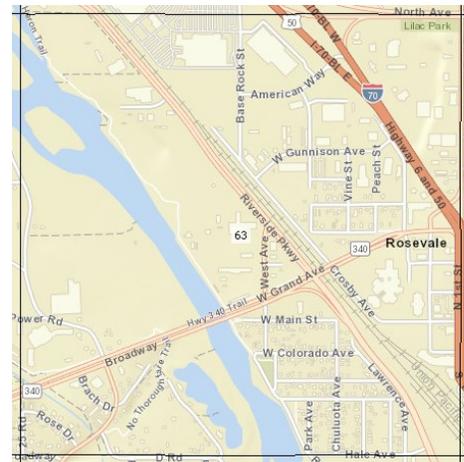
Fire Planning Zone: 63

Risk Assessment Score: 13.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
1,229	TK1	E3	14.26	1	1,025

Description Profile: This area is comprised of unprotected residential occupancies, 122 commercial occupancies, a portion of the Colorado River and the main rail line for the Union Pacific Railroad. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Broadway, Riverside Parkway, Monument Road, North Avenue, and a portion of the Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....5.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Travel time for first unit.....2.0

The total combined response time for the first unit in this planning zone is 5 minutes and 52 seconds.

Structure Profile:

Residential: 283	Multi Family: 0	Commercial: 122
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
6-Plex	0	4	6	0	0	0	0	2	10	5	5	0	0	0	0	32
American Furniture Warehouse	0	1	2	0	2	0	5	0	0	0	10	5	0	0	0	25
City Shops new CNG building	0	2	4	0	0	0	0	2	10	5	0	0	0	0	0	23
City Shops old Natl. Guard Armory	0	2	4	0	0	0	3	2	10	0	0	0	0	0	0	21
CMU - South Campus/Lineman Bldg.	0	1	4	0	0	0	2	3	5	0	0	0	0	0	0	15
Colorado West Mental Health-Bldg. C	0	4	8	0	0	0	0	3	0	0	5	0	0	0	0	20
Commercial Specialists	0	2	4	0	0	0	0	3	10	0	5	0	0	0	0	24



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
District 51 - Nisley Elementary School	0	2	4	0	0	0	5	4	5	0	0	0	5	5	0	30
District 51 - Riverside Cultural Center	0	1	4	0	0	0	5	5	0	0	5	0	0	0	0	20
Dual Immersion Academy/Riverside Community Center	0	2	4	0	0	3	4	5	0	0	0	5	0	5	0	28
GJ Parks Department	0	2	4	0	0	0	0	2	10	0	0	0	0	0	0	18
Global Nitrogen Service	0	2	10	0	0	0	0	2	5	0	5	5	0	5	0	34
Grand Junction Fire Station #4	0	2	10	0	0	0	0	1	0	0	5	0	0	0	0	18
Grand Valley Mosquito Control District	0	2	2	0	0	0	2	3	0	0	0	5	0	0	0	14
Head Start Riverside # 2	10	4	4	0	0	0	0	2	10	5	5	0	0	0	0	40
La Cabra Cantina	0	4	6	0	0	0	2	4	10	5	0	0	0	0	0	31
Liberty Center	0	1	4	2	2	0	4	3	0	0	0	0	0	0	0	16
Living Hope Evangelical Free Church	0	4	6	0	0	3	3	4	10	5	0	5	5	0	0	45
Mattress Firm	0	4	2	0	0	0	2	2	0	0	10	0	0	0	0	20
Mesa County Central Services	0	0	4	0	0	0	5	4	0	0	0	0	0	0	0	13



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Mesa County Justice Center	0	0	6	2	2	3	5	0	0	0	0	0	0	0	0	18
Mesa County Sheriff's Department	0	0	8	0	0	0	5	5	0	0	5	0	0	0	0	23
Mesa Fitness	0	2	4	0	2	0	5	5	0	0	0	0	0	0	0	18
Osburn and Sons	0	2	10	0	0	0	3	3	0	0	5	0	0	0	0	23
Pepsi Cola Bottling	0	2	4	0	2	0	5	5	0	0	5	5	0	0	0	28
Plaza on North complex	0	4	4	0	0	0	2	3	0	0	0	0	0	0	0	13
R.E. Landscape Services	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
Recycling Processing Center	0	4	2	0	0	0	0	1	10	5	0	0	0	0	0	22
Roosters	0	4	6	0	0	0	0	3	0	0	5	5	0	0	0	28
Solve It Escape Game	0	2	4	0	0	0	0	2	10	5	5	0	0	0	0	28
Spendrup Fan Company	0	2	10	0	2	0	5	4	0	0	5	0	0	0	0	28
STTI Environmental	0	2	4	0	0	0	5	4	10	5	5	0	0	0	0	35
Trinity Baptist Church	0	2	6	0	0	0	2	4	10	0	0	0	5	0	0	29
US Department of Energy	10	2	0	0	0	0	0	1	10	5	10	20	0	0	0	58
Warehouse 2565	0	1	6	0	0	0	3	5	0	0	0	0	0	0	0	15
West Springs Bldg. B	0	2	8	0	0	0	2	3	0	0	0	0	5	5	0	25



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
West Springs Health-Bldg. A	0	2	8	0	0	0	4	4	0	5	0	0	5	5	0	33
West Springs Hospital	0	1	8	0	0	0	2	3	0	0	0	0	5	5	0	24
West Springs Hospital Building (MAIN) F	0	0	8	0	0	0	5	5	0	0	0	0	5	0	0	23

Critical Infrastructure: Within this planning zone there are twelve identified critical infrastructures, and they are CMU Facilities, Colorado Health West Mental Health Building, City of Grand Junction City Shops, City of Grand Junction Parks Department, Grand Junction Fire Station #4, Mesa County Central Services, Mesa County Justice Center, Mesa County Sheriff’s Department, US Department of Energy, Interstate 70 Business loop, Rail Line, and Mind Springs Hospital.



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Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, technical rescue responses and fire service responses. This zone has shown an increase in its fire service responses and emergency medical service calls with a decrease in its hazardous material response while maintaining its technical rescue responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	4
		Low Risk	3	1	2	3
	Non-Emergent		19	12	11	16
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	3	20
		Low Risk	88	34	55	106
	Non-Emergent		269	191	162	208
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		4	2	9	5
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	1	1



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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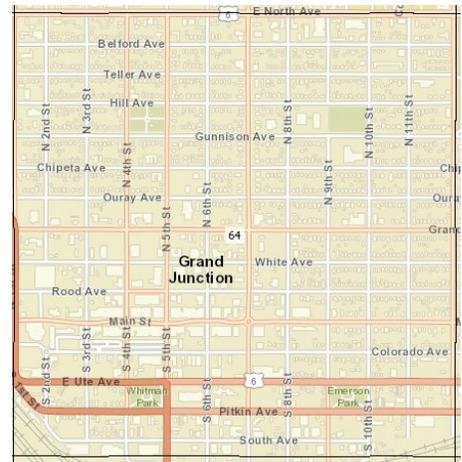
Fire Planning Zone: 64

Risk Assessment Score: 20.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
3,627	TK1	E3	26.21	1	3,822

Description Profile: This area is comprised of unprotected residential occupancies, 19 multifamily occupancies, 642 commercial occupancies, and the Downtown Shopping District.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Ute Avenue, Pitkin Avenue, 5th Street, 4th Street, 7th Street, 12th Street, Main Street, Grand Avenue, and North Avenue. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....5.0
- Population.....3.5
- Target hazards.....5.0
- Travel time for first unit.....2.0



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The total combined response time for the first unit in this planning zone is 4 minutes and 54 seconds.

Structure Profile:

Residential: 2,069	Multi Family: 19	Commercial: 642
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
529 Colorado Apartments	0	4	6	0	0	3	0	2	10	5	5	0	5	5	0	45
Able	0	2	4	0	0	0	0	1	10	5	0	0	5	0	0	27
Adagio Dance Studio	0	4	4	0	0	0	0	2	10	5	0	0	0	0	0	25
Alpine Bank Building	0	2	4	3	3	3	5	5	5	0	0	0	5	0	0	35
ANB	0	1	4	2	2	3	3	3	5	0	0	0	0	0	0	23
Apartment complex	0	4	6	0	0	0	0	2	10	5	5	0	0	0	0	32
Apartments	0	4	6	0	0	3	0	1	10	3	5	0	0	0	0	32
Avalon	0	2	6	0	2	3	4	7	0	0	5	0	0	5	0	34
Baird	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Bank of Colorado-200 Grand Ave.	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Bank of Colorado-Drive Up	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Bethpage - 4-plex	0	4	6	0	0	0	0	2	10	5	5	0	0	0	0	32
Body Balance	0	2	4	0	0	0	0	2	10	5	0	0	5	0	0	28



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Catholic Church - St. Josephs	0	1	6	0	2	3	3	5	0	0	0	0	5	0	0	25
Center for Independence	0	2	4	0	0	3	3	3	10	0	0	0	0	0	3	28
Century Link	0	2	10	2	2	0	0	3	0	0	5	0	0	0	0	24
Chiropractic Family	0	1	4	0	0	0	0	2	0	0	0	0	0	0	0	7
Ciavonne Roberts Building	0	4	4	0	0	3	0	2	0	0	0	0	0	5	0	18
City Hall	0	2	4	2	2	0	5	5	0	0	0	0	5	0	0	25
Collins Building	0	4	4	2	2	3	3	2	10	5	0	0	0	0	0	35
Collins Building and units A-D	0	2	4	0	0	3	2	2	0	0	0	0	0	0	0	13
Complex 121 8th & 739 Road, Office @ 751 Road	0	2	4	0	0	0	0	2	10	0	0	0	0	0	0	18
Conference room	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Crystal Books	0	0	8	0	0	0	0	2	0	0	5	0	0	0	0	15
Dalby Wendland Building	0	1	4	2	2	3	4	5	10	5	5	0	0	5	0	46
Dept. of Energy	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Discount Cabinet Warehouse	0	1	4	0	0	0	0	1	10	0	5	5	0	0	0	26
Discovery Kids Learning Center II	0	4	4	0	0	0	0	2	10	0	5	0	0	0	0	25
Discovery Kids Learning Center II	0	4	4	0	0	3	0	2	10	0	0	0	0	0	0	23



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Discovery Kids Learning Center II	0	4	4	0	0	3	0	2	10	0	0	0	0	0	0	23
District 51 - Chipeta Elementary & Preschool	0	2	4	0	0	0	5	4	0	0	0	0	5	0	0	20
District 51 - East Middle School Modular	0	1	4	0	0	3	5	5	5	0	0	5	5	5	0	38
Dorenkamp Chiropractic	0	1	8	0	0	0	0	3	0	0	5	0	0	0	0	17
Downtown Suites	0	2	6	0	0	0	3	3	0	0	0	0	5	5	0	24
Downtown Vineyard	0	2	4	0	0	3	3	3	10	5	0	0	0	0	0	30
Downtown Vinyards Church	0	4	6	0	2	3	5	5	10	5	0	0	0	0	0	40
Extended Hours	0	4	4	0	0	0	0	0	10	5	0	0	0	0	0	13
Fairfield Inn	0	1	6	2	2	0	5	4	0	0	5	0	0	0	0	25
Federal Building	0	0	4	2	3	3	5	2	0	0	0	5	0	0	0	24
Fidelity Mortgage	0	2	4	2	2	3	3	2	0	0	5	0	0	0	0	23
Fidelity Mortgage Property	0	2	4	2	2	3	0	2	0	0	5	0	0	0	0	20
First Baptist Church	0	2	6	0	0	3	2	5	10	0	0	0	5	0	0	33
First Methodist Church	0	2	6	0	2	3	4	5	5	0	0	0	5	0	0	32
Goal High School	0	2	4	0	2	3	0	2	10	0	5	0	0	5	0	33
Grace Point Church	0	2	6	0	0	3	0	4	10	5	0	0	5	0	0	35



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Grand Junction Fire Administration	0	2	4	0	0	3	2	4	0	0	5	0	0	5	0	25
Grand Junction Fire Station #1	0	2	10	0	0	0	0	2	0	0	0	5	0	0	0	19
Grand Junction Islamic Center	0	4	6	0	0	3	0	3	10	5	0	0	0	0	0	31
Grand Junction Laboratories	0	2	10	0	0	0	0	1	10	3	5	0	0	0	0	31
Grand Junction Police Department	0	2	6	0	2	0	5	4	0	0	5	0	0	0	0	24
Grand Junction Therapies	0	1	8	0	2	0	2	3	0	0	5	0	0	0	0	21
Grand Mesa Graphics	0	4	4	0	0	0	0	2	10	5	5	10	0	0	0	40
Grand Valley Catholic Outreach	0	8	12	0	2	3	0	3	0	0	0	0	0	0	0	28
Grand Valley Catholic Outreach Housing	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Grand Valley Real Estate Group	0	2	4	0	0	3	0	2	10	5	0	0	5	5	0	36
Hampton Inn	0	2	6	2	2	0	5	4	0	0	5	0	0	0	0	26
Handy Chapel	0	4	6	0	0	0	0	3	10	5	0	0	0	0	0	28
Heart of Junction Community Church	0	2	6	0	2	0	0	4	10	5	0	0	0	0	0	29
Heuton Tire Company	0	2	4	0	0	0	3	3	0	0	5	5	0	0	0	22



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Hilltop	0	2	4	2	0	3	3	3	10	0	0	0	5	0	0	32
Hoskin Farina Aldrich and Kampf, PC	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Hybrid Confections	0	2	4	0	0	0	0	2	10	0	5	0	0	0	0	23
Ireland Stapleton Law Firm	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Juniper Family Medical Bldg.	0	4	4	0	0	0	0	2	0	0	5	0	0	0	0	15
La Calle 5	0	4	6	0	0	3	2	3	10	5	0	5	0	0	0	38
La-Z-Boy Furn. / American Furn.	0	2	4	0	0	3	0	2	0	0	5	0	5	5	0	26
Las Marias Restaurant	0	4	6	0	0	0	2	3	10	5	0	5	0	0	0	35
Lewco Warehouse	0	2	2	2	2	3	5	1	5	0	5	0	0	5	0	32
Melrose Hotel	0	2	6	0	0	3	2	2	10	5	0	0	0	0	0	30
Mercantile Building	0	2	4	2	2	3	3	3	5	3	5	5	0	0	0	67
Mesa County Chipeta Building	0	0	8	0	0	0	2	2	0	0	0	0	0	0	0	12
Mesa County Community Corrections	0	2	8	0	2	0	2	3	5	0	0	0	5	5	0	32
Mesa County Criminal Justice	0	2	4	0	0	0	0	2	10	5	0	0	5	5	0	33
Mesa County Criminal Justice Services	0	0	8	2	2	3	5	4	0	0	0	0	0	0	0	24



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Mesa County Library	0	2	6	0	0	3	5	5	0	0	5	0	5	0	0	31
Mesa County Offices (Old Courthouse)	0	2	4	2	2	3	5	5	10	0	0	0	0	0	0	33
Mesa Theater	0	2	6	0	0	3	2	5	0	0	0	0	5	5	0	28
Messiah Lutheran Church	0	2	6	0	2	3	4	5	5	0	5	0	0	0	0	32
Multifamily res / Crawford House	0	4	4	0	2	3	0	2	10	5	5	0	0	0	0	35
Multifamily 6-plex	0	4	6	2	2	3	0	2	0	0	5	0	5	5	3	37
Museum of the West / CD Smith	0	4	6	0	2	3	4	4	0	0	0	0	0	0	0	23
Natural Health Chiropractic	0	1	8	0	0	3	0	3	0	0	5	0	0	0	0	20
No common area / Apartment house	0	4	6	0	0	3	0	1	10	3	5	0	0	0	0	32
No common areas Main St. homes	0	4	6	0	0	0	0	1	10	0	0	0	0	0	0	21
Obrien Chiropractic	0	4	4	0	0	0	0	2	0	0	5	0	0	0	0	15
Pike Engineering	0	2	4	2	2	3	3	4	0	0	0	0	5	5	0	30
Pinyon Pines Apartments	0	4	6	0	0	0	2	3	10	5	0	0	5	5	0	40
Planet 9	0	2	4	0	2	0	3	3	10	5	5	0	0	0	0	34
PRDY, LLC	0	2	4	0	0	0	0	3	0	0	0	0	5	0	0	14
Precision Metal Finishing	0	0	10	0	0	0	2	2	10	5	10	10	0	0	0	49



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Ratekin Tower	0	2	6	2	2	0	4	4	0	0	5	0	5	5	0	35
Rescue Mission	0	2	6	0	0	0	0	2	10	0	5	0	0	0	0	25
Rescue Mission Cafeteria	0	2	4	0	0	0	0	3	10	0	5	0	5	5	0	34
Rescue Mission Shelter	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Residence with Apartments	0	4	6	2	2	3	0	2	10	0	5	0	0	0	0	34
Ridgeline Fitness Institute	10	4	4	0	0	0	0	2	10	5	0	0	0	0	0	35
Rite Aid	0	4	4	0	0	0	2	2	0	0	0	5	0	0	0	17
River City Real Estate	0	0	4	0	0	0	0	2	0	0	0	0	0	0	0	6
Ryan Davis Family Dentistry	0	2	4	2	2	3	3	2	0	0	5	0	0	0	0	23
Salvation Army	0	2	2	0	2	0	0	1	10	5	5	0	0	0	0	27
Security Title, suite 108	0	2	4	2	2	3	0	2	0	0	5	0	0	0	0	20
Sherwin Williams	0	2	4	0	0	0	0	2	10	5	10	10	0	5	0	48
Spatafora Chiropractic	0	1	8	0	0	3	0	3	0	0	5	0	0	0	0	20
Spring Hill Suites / Marriott	0	0	6	2	2	0	5	4	0	0	0	0	0	0	0	19
St. Joseph's Catholic Church with Parish	0	4	6	0	2	3	2	2	10	3	0	0	5	0	0	37
St. Joseph's Church Rectory	0	4	6	0	0	0	0	4	10	5	5	0	0	0	0	34



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
St. Joseph's Parish	0	2	4	0	0	3	2	2	10	5	0	0	0	0	0	28
St. Regis Building	0	2	4	2	2	3	0	4	0	0	0	0	0	5	0	22
St. Martin's Place Veteran Housing	0	8	12	0	4	0	0	4	0	0	10	0	0	0	0	38
St. Martin's Place Veteran's Housing, Building	0	4	6	0	0	0	0	2	0	0	0	0	0	0	0	12
St. Martin's Place Veterans Housing	0	4	6	0	2	0	0	2	0	0	5	0	0	0	0	19
St. Martin's Place Veterans Housing, Building	0	4	6	0	0	0	0	2	0	0	0	0	0	0	0	12
Strive	0	1	8	0	0	3	3	3	0	0	0	0	5	5	3	31
Summit Canyon Mountaineering	0	2	4	0	0	3	3	2	0	0	5	0	0	0	0	19
Taco Party & Events Restaurant	0	2	6	0	0	3	0	3	10	0	0	0	0	5	0	29
The Goat and Clover Tavern	0	4	6	0	0	3	2	3	10	5	0	5	0	0	0	38
The Hog and the Hen	0	2	4	0	0	3	0	1	10	5	5	0	0	5	0	35
Toasted Pixie	0	2	4	0	0	3	2	2	10	0	0	0	0	5	0	38
Townhome development	0	4	6	0	2	0	0	1	0	0	5	0	0	0	0	18
TRC Modular/Residential Youth Services	0	1	4	0	0	0	0	2	0	0	5	0	0	0	0	12



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Tru Hotel (Hilton)	0	4	6	2	2	0	5	5	0	0	0	0	0	0	0	24
Twisted Turtle	0	2	6	0	0	3	3	5	0	0	0	0	0	5	0	24
Two Rivers Condos	0	4	6	0	0	0	2	2	0	0	0	0	0	0	0	14
Two Rivers Convention Center	0	1	6	0	2	3	5	5	5	0	0	0	0	0	0	27
Unitarian Universalist Church	0	4	6	0	0	3	2	4	0	0	0	0	0	0	0	19
University Point (apartments)	0	4	6	0	0	0	0	2	0	0	0	0	0	0	0	12
US Post Office	0	2	4	0	0	3	4	4	0	0	5	0	0	0	0	22
US Post Office-Garage and Office	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
We Kare-A-Lot Preschool	0	4	4	0	2	0	0	3	10	0	5	0	0	0	0	28

Critical Infrastructure: Within this planning zone there are thirteen identified critical infrastructures and they are Department of Energy, Grand Junction City Hall, Federal Building, Grand Junction Fire Department Facilities, Grand Valley Catholic Outreach Facilities, Grand Junction Police Department, Hilltop, Mesa County Facilities, Grand Junction Laboratories, Rescue Mission Facilities, Salvation Army, TRC Youth Services, St Martins Place Veterans Housing Facilities, and the US Post Office Facilities.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, technical rescue, and fire service responses. This zone has shown a decrease in its fire service responses, emergency medical service calls, technical rescue responses and hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	5	8
		High Risk	0	7	7	5
		Moderate Risk	0	0	4	8
		Low Risk	2	3	5	6
	Non-Emergent			19	20	16
EMS	Emergent	High Risk	0	6	8	0
		Moderate Risk	11	33	43	33
		Low Risk	185	159	206	162
	Non-Emergent			732	641	603
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent			7	10	18
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			1	0	0



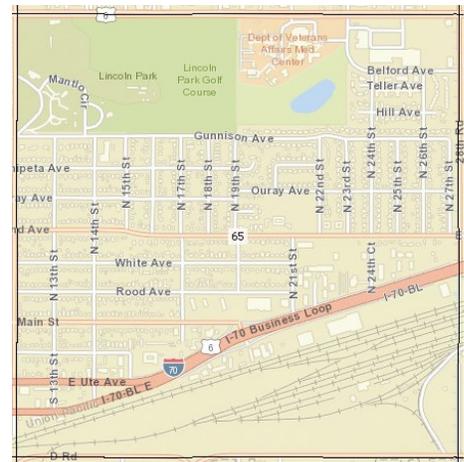
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Fire Planning Zone: 65

Risk Assessment Score: 15.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
2,213	TK1	E2	16.65	1	2,941

Description Profile: This area is comprised of unprotected residential occupancies, 17 multifamily occupancies, 450 commercial occupancies, The Department of Veterans Affairs Medical Center, the Lincoln Park Golf Course, and the main line for the Union Pacific Railroad.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 12th Street, North Avenue, Grand Avenue, 28 Road, and a portion of the Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....0.5
- Population.....3.0
- Target hazards.....5.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Travel time for first unit.....2.0

The total combined response time for the first unit in this planning zone is 5 minutes and 57 seconds.

Structure Profile:

Residential: 1,404	Multi Family: 17	Commercial: 450
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Advanced Refrigeration	0	2	4	0	0	0	0	1	0	0	5	0	0	0	0	12
Advanced Refrigeration	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
All Metal Welding	0	2	10	0	0	0	0	2	0	0	5	0	0	0	0	19
All Metals Welding	0	2	10	0	0	0	0	2	10	3	5	0	0	0	0	32
Amerigas - All Star Yard	0	0	0	0	0	0	0	0	10	5	0	5	0	0	0	20
Anode Systems Co. storage	0	4	2	0	0	0	0	1	10	5	10	10	0	5	0	37
Apartment Building (#2514)	0	4	6	2	2	0	0	2	10	3	5	0	0	0	0	34
Apartment Building (#2524)	0	4	6	2	2	0	0	2	10	3	5	0	0	0	0	34
Apartment Building (#2534)	0	4	6	2	2	0	0	1	10	3	5	0	0	0	0	33



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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Apartment-1605 White Ave.	0	4	6	0	2	0	0	2	10	3	5	0	0	0	0	32
Apartment-1615 White Ave.	0	4	6	0	2	0	0	2	10	3	5	0	0	0	0	32
Apartment-1625 White Ave.	0	4	6	0	2	0	0	2	10	3	5	0	0	0	0	32
Apartment-1635 White Ave.	0	4	6	0	2	0	0	2	10	0	5	0	0	0	0	29
Consolidated Electrical Distributors (CED)	0	2	4	0	0	0	2	2	10	0	5	0	0	0	0	25
Creative Avenues-theatre ed. center	0	1	4	0	2	0	0	3	0	0	5	0	0	0	0	15
District 51 - Grand River Academy	0	1	4	0	0	3	4	4	10	0	0	0	0	5	0	31
District 51 - Lincoln Park Cottage	0	4	4	0	0	0	0	2	10	0	0	0	5	5	0	30
District 51 - Macco Warehouse Building	0	2	10	0	0	0	2	2	0	0	5	5	0	0	0	26
District 51 - Main Maintenance Office	0	2	4	0	0	0	2	3	10	5	0	5	0	0	0	31
District 51 - R-5 (Unit A)/Summit School (Unit B)	0	1	4	0	0	0	3	5	0	0	5	0	0	5	0	23
District 51- R5 (Young Parents and Daycare)	0	2	4	0	0	0	4	5	0	0	5	0	0	0	0	20



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Eagle Ridge of the Grand Valley	0	2	8	0	0	3	4	3	0	0	5	0	5	5	0	35
Freeway Bowl	0	0	6	0	0	0	5	4	0	0	0	0	5	0	0	20
Landmark Baptist Church	0	2	6	0	0	0	0	4	0	0	0	0	5	0	0	17
Landmark Baptist Church / School Complex	0	4	6	0	0	0	2	4	0	0	0	5	0	0	0	21
Lincoln Park Barn	0	4	6	0	0	0	2	4	10	5	0	0	0	0	0	31
Lincoln Park Tower	0	0	6	2	3	0	3	5	0	0	0	0	5	5	0	29
Mesa Vista Apartments and office	0	4	6	0	0	0	2	3	10	5	0	0	5	5	0	40
Operation Interdependence	0	1	4	0	2	0	4	5	10	0	5	0	0	0	0	31
Planet Fitness	0	0	10	0	2	0	4	5	0	0	0	0	0	0	0	21
Rain tree Apartments	0	4	6	0	0	0	2	2	10	3	5	0	0	0	0	32
Residential 4-plex (privately owned)	0	4	6	0	0	0	0	1	0	0	5	0	0	0	0	16
Solution Counseling Group	0	4	4	0	0	3	0	1	10	5	0	0	5	5	0	37
Stove Depot and Chimney	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
Strive MDS	0	4	8	0	0	0	0	1	10	3	5	0	5	0	0	36
Teltech Communications	0	2	4	2	2	0	5	4	10	3	5	0	0	0	0	37



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
The Grand Apartments	0	4	6	0	0	0	3	2	10	0	5	0	0	0	0	30
Timberline Apartments	0	4	6	0	0	0	0	2	10	3	5	0	0	0	0	30
Transitional Home for released prisoners	0	4	8	0	0	0	0	1	10	5	5	0	0	0	0	33
Union Pacific Railroad	0	2	10	0	0	0	0	1	10	0	0	0	0	0	0	23
VA Hospital Bldg. #36	0	1	8	0	0	0	4	5	0	0	5	5	0	0	0	28
VA Hospital Building #20	0	1	8	3	3	0	5	5	0	0	10	10	5	0	3	58
VA Hospital, Bldg. 6	0	1	8	0	0	0	3	3	0	0	5	0	0	0	0	20
VA Hospital, Bldg. 7	0	1	2	0	0	0	0	2	0	0	5	5	0	0	0	15
VA Hospital, Bldg. 9	0	1	8	0	0	0	0	2	0	0	5	0	0	0	0	16
VA Hospital, Bldg. 12	0	1	4	0	0	0	0	3	0	0	5	0	0	0	0	13
VA Hospital, Bldg. 13	0	0	8	0	0	0	0	3	0	0	5	0	0	0	0	16
VA Hospital, Bldg. 35	0	0	4	0	0	0	0	2	0	0	5	0	0	0	0	11



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Villa West Apartments-West Building	0	4	6	0	0	0	2	2	10	3	5	0	0	0	0	32

Critical Infrastructure: Within this planning zone there are four identified critical infrastructures, and they are Union Pacific Railroad, Rail Line, Interstate 70 Business Loop and the Veterans Administration Hospital.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown an increase in its emergency medical service calls, hazardous material responses and a decrease in its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	1
	Low Risk	2	6	6	2	
Non-Emergent			11	7	10	7
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	5	5	20	9
		Low Risk	111	76	90	114
	Non-Emergent			349	297	400
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	6	3
	Non-Emergent			4	7	6
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 66

Risk Assessment Score: 15.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
1,666	TK1 / E2	E2/TK1	10.13	1	1,323

Description Profile: This area is comprised of desert, unprotected residential occupancies, four multifamily occupancies, 75 commercial occupancies, and the main line for the Union Pacific Railroad.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are North Avenue, 28 Road, 28 ½ Road, 29 Road, Riverside Parkway, and a portion of the Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....1.5
- Population.....1.5
- Target hazards.....5.0
- Travel time for first unit.....2.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 5 minutes and 38 seconds.

Structure Profile:

Residential: 397	Multi Family: 4	Commercial: 75
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Alpine Custom Doors and Millwood	0	1	10	0	0	0	0	2	0	0	10	0	0	5	0	28
Capital Books and Wellness	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	20
CMU - Lineman Building (New 2019)	0	1	4	0	0	0	2	3	10	0	0	0	0	0	0	20
Enjoy Church GJ	0	2	6	0	0	0	2	4	10	5	0	0	0	0	0	29
Ferrelgas	0	4	2	0	0	0	0	1	10	5	0	20	0	0	0	42
Grand Junction Readiness Center Colo. Natl. Guard	0	2	10	0	0	0	4	3	0	0	5	0	0	0	0	24
Homeward Bound Community Homeless Shelter	0	1	6	0	0	0	0	3	0	0	0	5	0	0	0	15
Mesa Developmental	0	1	8	0	0	0	2	2	10	0	0	0	5	5	0	33
Peppermill Lofts Building 1	0	4	6	2	2	0	2	3	0	0	5	0	5	5	0	34



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Peppermill Lofts Building 3	0	4	6	2	2	0	2	3	0	0	5	0	5	5	0	34
Regional Center - Boiler Plant	0	2	10	0	0	3	2	2	10	0	5	5	0	0	0	29
Regional Center - Canteen Classroom	0	1	8	0	2	0	2	4	0	0	5	0	5	0	0	27
Regional Center - Carson	0	2	4	2	2	0	3	4	10	3	5	0	0	0	0	35
Regional Center - Complex	0	1	8	0	0	0	2	2	0	0	5	0	5	0	0	23
Regional Center - Laundry	0	1	8	0	0	0	0	2	0	0	5	0	0	0	0	16
Regional Center - Maintenance Shop	0	2	10	0	0	0	0	2	10	3	5	5	0	0	0	37
Regional Center - Meyer	0	2	8	0	0	0	3	4	0	0	5	0	5	0	0	27
Regional Center - Porter Center	0	2	8	0	0	0	2	2	0	0	5	0	5	0	0	24
Snack Shack and Mike's Automotive Repair shop	0	4	4	0	0	0	0	1	10	5	5	5	0	0	0	34
Solarus Square	0	2	4	0	0	3	2	3	10	0	0	0	5	5	0	34
Storage at Lincoln Park	0	2	4	0	0	0	5	2	0	3	5	5	0	0	0	26
U.S. Welding	0	0	0	0	0	0	0	0	10	3	0	0	0	0	0	13
Valley Church of Christ	0	4	6	0	0	0	0	2	10	5	0	0	0	0	0	27



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Western Regional One Source	0	2	4	0	0	0	2	2	10	0	0	0	0	0	0	40
Wishes & Dreams Day Care Center	0	2	10	0	0	0	0	3	10	0	0	0	5	5	0	70

Critical Infrastructure: Within this planning zone there are seven identified critical infrastructure, and they are CMU Facility, Ferrell Gas, Grand Junction Readiness Center (Colorado National Guard), Homeward Bound Community Homeless Shelter, Interstate 70 Business Loop, Rail Line, and Mesa Developmental.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, technical rescue responses and fire service responses. This zone has shown a decrease, technical rescue responses, hazardous materials responses, and emergency medical service calls with an increase in its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	7	0	0
		Moderate Risk	0	2	1	0
		Low Risk	1	13	0	0
	Non-Emergent		10	7	6	10
EMS	Emergent	High Risk	3	0	0	0
		Moderate Risk	12	17	12	14
		Low Risk	60	88	115	87
	Non-Emergent		232	274	347	333
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	4	0
	Non-Emergent		3	1	3	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 67

Risk Assessment Score: 12.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
497	E4/E2	TK1	12.12	1	1,440

Description Profile: This area is comprised of desert, unprotected residential occupancies, 38 commercial occupancies and the main line for the Union Pacific Railroad.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are North Avenue, 29 Road, 30 Road, D Road, D ½ Road, and a portion of the Interstate 70 Business Loop. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....3.5
- Total structure fires.....0.5
- Population.....1.5
- Target hazards.....4.5
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 25 seconds.

Structure Profile:

Residential: 556	Multi Family: 0	Commercial: 38
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Agapito Assoc., Inc.	0	2	4	0	0	0	0	2	10	3	5	0	0	0	0	26
Cal Frac Main Bldg.	0	1	10	0	3	0	0	0	5	0	10	10	0	5	0	44
Calvary Chapel	0	4	6	0	0	0	0	5	10	5	0	0	0	0	0	30
Church of Christ	0	4	6	0	0	0	0	2	10	5	0	0	0	0	0	27
Colorado Sheet Metal Joint App/Train Institute	0	1	4	0	0	0	2	2	10	5	0	10	0	0	0	34
CPBM Pallet Company	0	2	10	0	0	0	0	2	10	5	5	0	0	0	0	34
CSU Western Slope Animal Diagnostic Lab	0	4	4	0	0	0	0	1	10	5	5	0	0	0	0	29
District 51 - Career Center	0	2	4	0	0	0	4	4	0	0	5	5	5	0	0	29
District 51 - Career Center Modular Building	0	4	4	0	0	0	0	4	10	0	0	0	0	0	0	22
Jubilee Family Church	0	2	6	0	0	3	3	5	5	0	0	0	5	0	0	29



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Livingstone Christian Church	0	2	6	0	0	3	2	4	10	5	0	0	5	5	0	42
Maverick Fuel and Store	0	4	4	0	0	0	0	1	10	5	0	5	0	0	0	29
Platinum Sign Co.	0	0	10	0	0	0	0	1	10	5	10	5	0	5	0	46
Scientific Drilling	0	0	10	0	0	0	3	3	10	0	5	0	0	0	0	31
Scientific Drilling	0	2	10	0	0	0	3	3	0	0	0	10	0	0	0	28
U S Post Office	0	2	4	0	0	0	0	1	10	5	5	0	0	0	0	27
Valley Church	0	4	6	0	0	0	0	2	10	5	0	0	0	0	0	27
Yale Chiropractic	0	4	8	0	0	0	0	1	10	3	5	0	0	0	0	31

Critical Infrastructure: Within this planning zone there are four identified critical infrastructures, and they are CSU Western Slope Animal Diagnostic Lab, Interstate 70 Business Loop, Rail Line and the US Post Office.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service responses. This zone has shown an increase in its fire service responses and a decrease in emergency medical service calls and hazardous materials responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	1	5	6
		Low Risk	5	0	0	2
	Non-Emergent			7	4	2
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	4	4	2	2
		Low Risk	35	29	40	30
	Non-Emergent			75	92	57
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	3	3
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

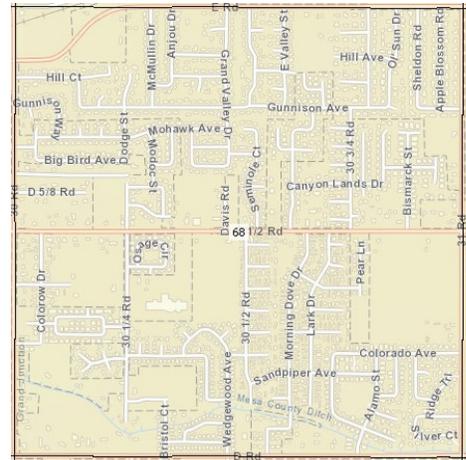
Fire Planning Zone: 68

Risk Assessment Score: 10.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
161	E4	TK1	19.75	1	4,770

Description Profile: This area is comprised of desert, unprotected residential occupancies and 19 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are E Road, D Road, D ½ Road, 30 Road, and 31 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....1.0
- Population.....4.5
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 8 minutes and 36 seconds.

Structure Profile:

Residential: 1,769	Multi Family: 0	Commercial: 19
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
District 51 - Pear Park School	0	0	4	0	0	0	5	5	0	0	5	0	5	0	0	24

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown an increase in its emergency medical service calls and fire service responses with a decrease in hazardous materials responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	1
		Low Risk	0	0	0	5
	Non-Emergent			2	4	2
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	3	2	2	3
		Low Risk	6	4	6	14
	Non-Emergent			15	18	27
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent			0	2	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

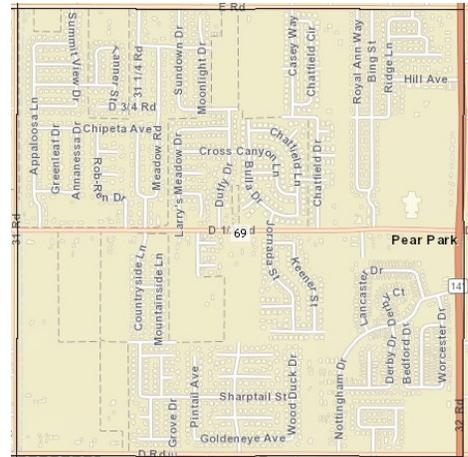
Fire Planning Zone: 69

Risk Assessment Score: 9.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
59	E4/E21	TK1/E21	19.42	1	4,288

Description Profile: This area is comprised of desert, unprotected residential occupancies, and nine commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 31 Road, 32 Road, D Road, D ½ Road, and 32 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....4.0
- Target hazards.....0.5
- Travel time for first unit.....3.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 9 minutes and 08 seconds.

Structure Profile:

Residential: 218	Multi Family: 0	Commercial: 9
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its emergency medical service calls and hazardous material responses with a decrease in fire service responses over the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	2	0
	Non-Emergent	0	0	0	2
EMS	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	2	3	0
	Non-Emergent	5	10	7	19
Haz-Mat	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	1
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 70

Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	E5	E3	0	1	0

Description Profile: This area is comprised of desert and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 71

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
82	E5	E3	4.01	1	649

Description Profile: This area is comprised of desert, unprotected residential occupancies and seven commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....0.5
- Travel time for first unit.....3.5

The total combined response time for the first unit in this planning zone is 10 minutes and 06 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 268	Multi Family: 0	Commercial: 7
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
District 51 - Wingate Elementary School	0	2	4	0	0	0	5	5	10	0	5	0	0	5	0	36

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material response, and fire service responses. This zone has shown a decrease in fire service responses and emergency medical service while maintaining hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent			0	1	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	10	5	6	2
	Non-Emergent			12	21	15
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	1	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 72

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
51	E5	E3/TK1	6.18	1	1,230

Description Profile: This area is comprised of desert, unprotected residential occupancies, and one commercial occupancy.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is South Camp Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....1.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 40 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 565	Multi Family: 0	Commercial: 1
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service responses. This zone has shown a decrease in its fire service responses, hazardous material responses, and emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent			1	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	10	5	6	2
	Non-Emergent			5	2	7
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			1	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

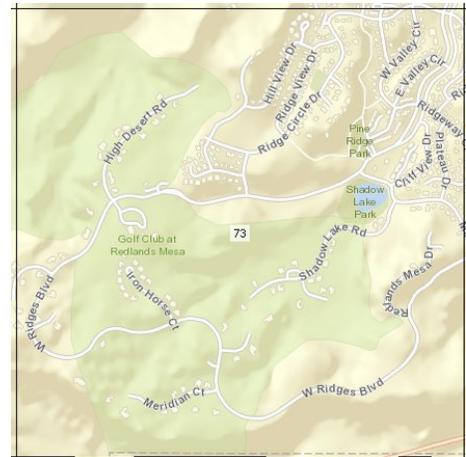
Fire Planning Zone: 73

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
148	E5/TK1	E3/E5	9.76	1	604

Description Profile: This area is comprised of desert, unprotected residential occupancies, and five commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 58 seconds.

Structure Profile:



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Residential: 327	Multi Family: 0	Commercial: 5
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Harvard Academy	0	4	4	0	0	0	0	2	10	5	0	0	5	5	0	35
Ocotillo	0	4	6	0	0	3	2	4	0	0	0	5	0	5	0	29

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service response. This zone has shown a decrease in fire service responses and hazardous material responses with an increase in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	2	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	2	0	0
	Non-Emergent		1	0	0	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	4	2	19	18
	Non-Emergent		25	17	18	32
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	4	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 74

Risk Assessment Score: 5.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
89	TK1	E5	5.24	1	478

Description Profile: This area is comprised of desert, unprotected residential occupancies and 19 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Monument Road. Several residential streets utilize stop signs as traffic calming in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 43 seconds.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Structure Profile:

Residential: 207	Multi Family: 0	Commercial: 19
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its fire service responses and a decrease in emergency medical service calls over the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	7
Non-Emergent		1	0	1	0
EMS	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	6	4	11
	Non-Emergent		17	3	14
Haz-Mat	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent		1	2	0
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent		0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

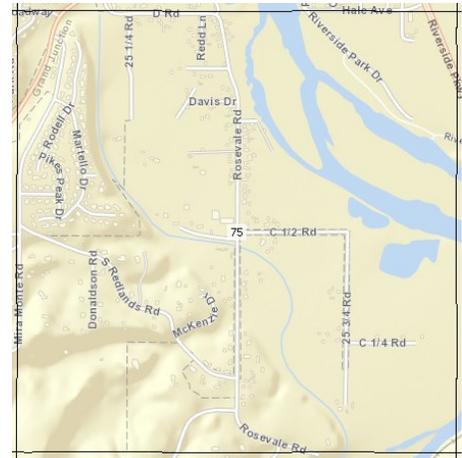
Fire Planning Zone: 75

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
170	TK1	E5	6.88	1	749

Description Profile: This area is comprised of desert, unprotected residential occupancies, 10 commercial occupancies, and a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is Monument Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....1.0
- Population.....1.0
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 46 seconds.

Structure Profile:

Residential: 319	Multi Family: 0	Commercial: 10
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its emergency medical service calls with a decrease in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	5	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		6	1	1	9
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	10	8	9	13
	Non-Emergent		25	24	30	24
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		2	1	1	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

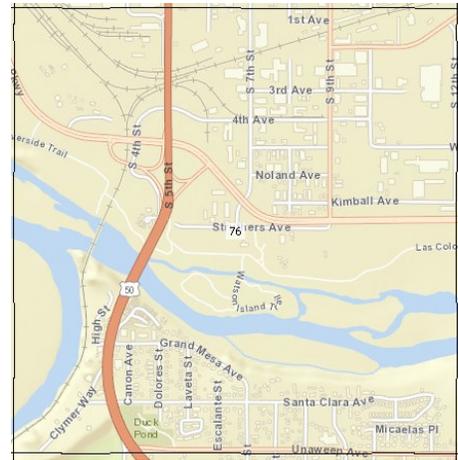
Fire Planning Zone: 76

Risk Assessment Score: 12.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
434	TK1/E4	E4/TK1	12.45	1	873

Description Profile: This area is comprised of desert, unprotected residential occupancies, 129 commercial occupancies, the main line for the Union Pacific Railroad, and a portion of the Gunnison and Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Riverside Parkway and Highway 50. The main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....3.0
- Total structure fires.....1.0
- Population.....1.0
- Target hazards.....4.5
- Travel time for first unit.....2.5



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 6 minutes and 18 seconds.

Structure Profile:

Residential: 410	Multi Family: 0	Commercial: 129
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
BNSF	0	2	10	0	0	0	4	2	10	5	0	0	0	5	0	38
Body Balance	0	2	4	0	0	0	0	2	10	5	0	0	5	0	0	28
Cage Works	0	2	4	0	0	0	0	1	10	5	0	0	0	0	0	22
Castings Foundry	0	2	10	0	0	0	3	3	10	3	5	0	0	0	0	26
Crystal Brook Apartments	0	4	6	0	0	0	5	4	10	0	5	0	0	0	0	34
Daily Sentinel	0	2	4	0	2	3	5	5	0	0	5	5	0	0	0	31
Dept. of Transportation (DOT)	0	2	4	0	0	3	0	2	0	3	5	10	0	5	0	34
District 51 - New Emerson School (Columbus)	0	2	4	0	0	0	4	4	10	0	0	0	5	5	0	34
Edgewater Brewery	0	1	10	0	0	0	2	3	0	0	0	0	0	5	0	21
Enstrom Candies	0	1	0	0	0	3	5	5	5	0	5	0	0	0	0	24
Fraternal Order of Eagles Lodge	0	1	6	0	0	0	3	4	0	0	0	5	0	0	0	19
Kemac Industries	0	2	10	0	2	0	5	5	10	5	5	0	0	0	0	44



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Silo Adventure Center	0	0	4	0	3	0	4	4	0	0	0	0	5	5	0	25
Sunrise Cafe	0	4	4	0	0	0	0	2	10	5	0	0	5	5	0	34
Tetey's Daycare	0	4	4	0	0	0	0	2	10	5	5	0	0	0	0	30
The Auction Team - storage	0	4	4	0	0	0	0	1	10	5	0	0	0	0	0	24
Whitewater Sand & Gravel	0	2	10	0	0	0	2	3	10	5	5	0	0	0	0	37

Critical Infrastructure: Within this planning zone there are three identified critical infrastructures, and they are BNSF, Highway 50, and the Daily Sentinel.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the response patterns in this planning zone that the most significant call demand is that of emergency medical services, technical rescue responses, and fire service responses. This zone has shown an increase in its fire service responses, technical rescue responses, and emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	5
		Moderate Risk	0	3	0	5
		Low Risk	2	8	0	3
	Non-Emergent			20	13	7
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	2	13	0	10
		Low Risk	28	12	15	23
	Non-Emergent			67	62	56
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	5
	Non-Emergent			0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 77

Risk Assessment Score: 12.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
461	TK1/E4	E4/TK1	9.04	1	1,121

Description Profile: This area is comprised of desert, unprotected residential occupancies, 85 commercial occupancies, and a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Riverside Parkway, C ½ Road, and D Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....3.5
- Total structure fires.....0.5
- Population.....1.5
- Target hazards.....4.5
- Travel time for first unit.....2.5



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

The total combined response time for the first unit in this planning zone is 6 minutes and 48 seconds.

Structure Profile:

Residential: 480	Multi Family: 0	Commercial: 85
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
ABC Industries	0	0	10	0	0	0	3	2	0	0	5	10	0	0	0	30
All Secure Storage	0	1	2	0	0	0	2	1	10	5	5	5	0	5	0	36
Alpine Lumber	0	1	4	0	0	0	3	2	0	0	5	0	0	0	0	15
Big Horn Engineering Office Building (General)	0	4	4	0	0	0	0	2	10	5	0	0	0	0	0	25
Boise Cascade - Office Building	0	2	2	0	0	0	4	2	0	0	5	5	0	0	0	20
Builder First Source	0	2	4	0	2	0	0	2	0	0	5	0	0	0	0	15
CAPCO BLDG # 3 Manufacturing	0	2	10	0	0	0	4	4	0	0	5	0	0	0	0	25
Capco South Annex	0	2	10	0	0	0	2	2	10	0	5	0	0	0	0	31
Capco, LLC	0	0	10	0	0	0	5	5	0	3	10	10	0	5	0	38
Coca Cola	0	2	2	0	0	0	4	3	0	0	5	0	0	5	0	21
Communications Test Design, Inc.	0	1	4	0	0	0	3	1	0	0	5	5	0	0	0	19
District 51 - Orchard Mesa Middle School	0	2	4	0	0	3	5	5	0	0	0	0	0	5	0	24



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Huddleston Berry Engineering Testing LLC	0	1	4	0	0	0	2	1	10	5	5	5	0	0	0	33
Orchard Mesa Community Center Indoor Pool	0	4	6	0	2	0	3	3	0	5	0	10	5	5	0	43
Parish Oil	0	1	2	0	0	0	0	1	10	5	10	10	0	5	0	44
Ruggenthaler Investments LLC.	0	2	10	0	0	0	0	2	10	3	0	0	0	0	0	27

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, technical rescue responses, and fire service responses. This zone has shown an increase in its emergency medical service calls and technical rescue responses and a decrease in fire service responses over the last four years.

Incident Type		2017	2018	2019	2020	
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	6	0	0	0
		Low Risk	0	1	0	0
	Non-Emergent	7	3	2	8	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	4	6
		Low Risk	27	24	36	55
	Non-Emergent	51	67	68	88	
Haz-Mat	Emergent	High	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	4	0	0	4
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

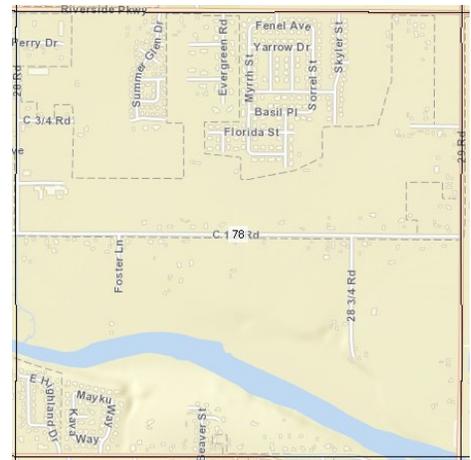
Fire Planning Zone: 78

Risk Assessment Score: 8.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
320	E4	TK1	7.39	1	1,233

Description Profile: This area is comprised of desert, unprotected residential occupancies, 15 commercial occupancies, and a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Riverside Parkway and C ½ Road.



Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....2.5
- Total structure fires.....1.0
- Population.....1.5
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 36 seconds.

Structure Profile:

Residential: 207	Multi Family: 0	Commercial: 15
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Classroom Building- Youth Services Center	0	2	8	0	0	0	0	3	5	0	5	0	0	0	0	23
Grand Mesa Youth Services Center	0	1	8	0	0	0	3	3	0	0	0	0	0	5	0	20

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its emergency medical service calls and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	1	0	0	1
	Non-Emergent		5	4	0	5
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	6	0
		Low Risk	18	12	27	27
	Non-Emergent		59	53	49	53
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 79

Risk Assessment Score: 7.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
247	E4	TK1	4.79	1	631

Description Profile: This area is comprised of desert, unprotected residential occupancies, 21 commercial occupancies, and a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are D Road and 30 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....2.0
- Total structure fires.....0.5
- Population.....1.0
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 46 seconds.

Structure Profile:

Residential: 263	Multi Family: 0	Commercial: 21
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Emmanuel Baptist Church	0	4	6	0	0	0	3	5	0	0	0	0	0	0	36	
Pipe Trades Welding	0	2	4	0	0	0	2	2	10	3	5	0	0	0	56	

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its emergency medical service calls and a decrease in its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	5	0	0
		Low Risk	2	0	0	0
	Non-Emergent			4	3	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	2	9	10	1
		Low Risk	16	5	10	28
	Non-Emergent			47	35	30
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			0	0	0



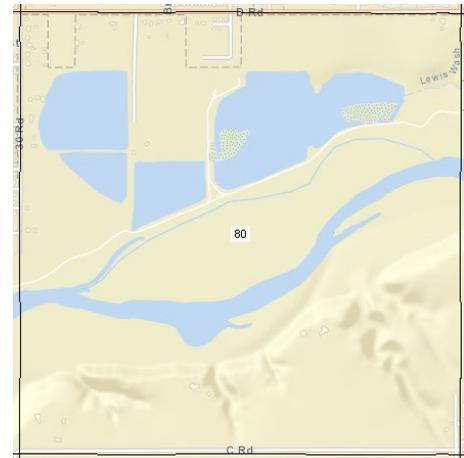
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 80

Risk Assessment Score: 5.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
34	E4	TK1	2.14	1	55

Description Profile: This area is comprised of desert, unprotected residential occupancies, two commercial occupancies, and a portion of the Colorado River. This fire planning zone contains FEMA floodplains and 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is D Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 53 seconds.

Structure Profile:

Residential: 25	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a decrease in emergency medical service calls and an increase in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	2
		Low Risk	0	1	0	0
	Non-Emergent		0	1	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	3	4	5	2
	Non-Emergent		5	4	2	4
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 81

Risk Assessment Score: 5.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
36	E4	TK1	5.52	1	341

Description Profile: This area is comprised of desert, unprotected residential occupancies, two commercial occupancies, a portion of the Colorado River, and Corn Lake State Park. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are D Road, C Road, and 32 Road.



Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 9 minutes and 29 seconds.

Structure Profile:

Residential: 137	Multi Family: 0	Commercial: 9
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Emmanuel Baptist Church	0	4	6	0	0	0	3	5	0	0	0	0	0	0	0	18
Pipe Trades Welding	0	2	4	0	0	0	2	2	10	3	5	0	0	0	0	28

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its emergency medical service calls and a decrease in fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	1
		Low Risk	0	2	1	2
	Non-Emergent		1	4	4	20
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 82

Risk Assessment Score: 2.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	E5	TK1	0.69	1	45

Description Profile: This area is comprised of desert, unprotected residential occupancies, and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 18	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
	Low Risk	0	0	0	
Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent		0	0	0
Haz-Mat	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent		0	0	0
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent		0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

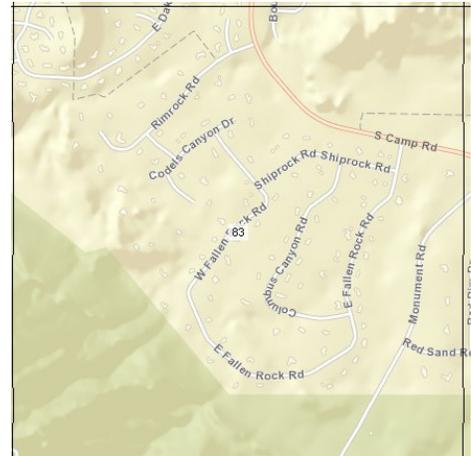
Fire Planning Zone: 83

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
87	E5	TK1	5.70	1	341

Description Profile: This area is comprised of desert, unprotected residential occupancies, 29 commercial occupancies, and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadway that is included in this zone is S. Camp Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 10 minutes and 38 seconds.

Structure Profile:

Residential: 145	Multi Family: 0	Commercial: 29
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material response, and fire service responses. This zone has shown an increase in its emergency medical service calls, hazardous material responses, and fire service responses over the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	3	0	1	1
EMS	Emergent	High Risk	0	0	4
		Moderate Risk	0	0	0
		Low Risk	4	8	7
	Non-Emergent	13	12	14	16
Haz-Mat	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	1
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
	Non-Emergent	0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 84

Risk Assessment Score: 5.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
49	E5/TK1	TK1/E5	1.87	1	56

Description Profile: This area is comprised of desert and unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are S. Camp Road and Monument Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 8 minutes and 10 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 21	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown a decrease in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	5	4	2	0
	Non-Emergent		23	6	6	3
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 85

Risk Assessment Score: 2.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	TK1	E5	.56	1	0

Description Profile: This area is comprised of desert and unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

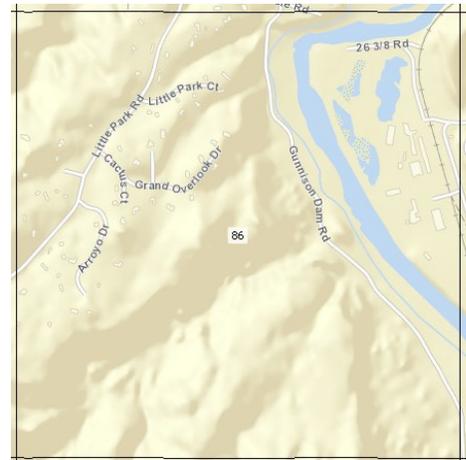
Fire Planning Zone: 86

Risk Assessment Score: 5.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
29	TK1	E5	3.26	1	0

Description Profile: This area is comprised of desert, two commercial occupancies, and a portion of the Gunnison River. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0

The total combined response time for the first unit in this planning zone is 7 minutes and 49 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 2
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in emergency medical service calls and fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	3	0	0
		Low Risk	0	4	2	5
	Non-Emergent		5	1	5	3
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



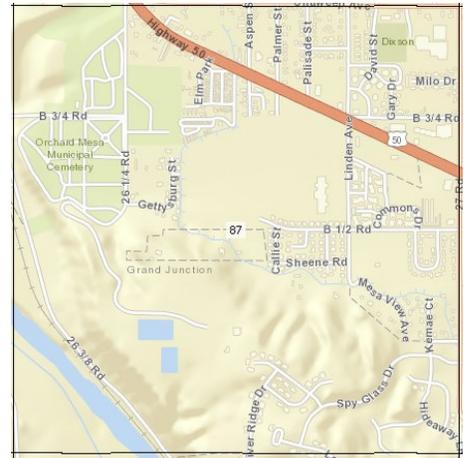
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 87

Risk Assessment Score: 13.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
743	E4	TK1	9.28	1	1,676

Description Profile: This area is comprised of desert, unprotected residential occupancies, three multifamily occupancies, 68 commercial occupancies, the main line for the Union Pacific Railroad, and a portion of the Gunnison River. This fire planning zone contains FEMA 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Highway 50, 27 Road and UnawEEP Avenue. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....1.0
- Population.....2.0
- Target hazards.....2.5
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 6 minutes and 20 seconds.

Structure Profile:

Residential: 736	Multi Family: 3	Commercial: 68
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Ametek Dixson	0	0	10	0	0	0	5	2	0	3	5	10	0	0	0	35
Crosspoint Church	0	2	6	0	0	3	2	4	0	0	0	0	0	0	0	17
District 51 - Dos Rios Elementary School	0	1	4	0	0	0	5	4	0	0	0	0	5	5	0	24
El Rio Rancho	0	4	6	0	0	0	0	3	10	5	0	0	5	5	0	28
Grand Junction Water Treatment - OSG Building	0	0	10	0	0	0	0	1	0	0	0	0	0	5	0	16
Grand Junction Water Treatment Plant	0	4	10	2	2	0	3	2	10	0	5	0	0	0	0	38
Jack Rabbit Liquor	0	2	4	0	0	0	0	3	10	5	5	5	0	0	0	34
Linden Point Apartments	0	4	6	0	0	0	0	2	0	0	5	0	0	0	0	17
Persigo	0	2	10	0	0	0	0	1	0	0	0	0	0	0	0	13
Prospector Point Apartments	0	4	6	0	0	0	0	2	10	5	0	0	5	5	0	37



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Critical Infrastructure: Within this zone there are three identified critical infrastructures, and they are the Grand Junction Water Treatment Plant, Highway 50, and Persigo.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous materials responses, and fire service responses. This zone has shown an increase in its emergency medical service calls and fire service responses with a decrease in its hazardous materials responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	4	0	0
		Moderate Risk	3	0	0	0
		Low Risk	0	0	1	4
	Non-Emergent		6	4	1	9
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	2	4
		Low Risk	43	20	49	62
	Non-Emergent		117	118	120	161
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	5	0
	Non-Emergent		1	2	3	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 88

Risk Assessment Score: 13.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
837	E4	TK1	17.99	1	2,848

Description Profile: This area is comprised of desert, unprotected residential occupancies, 83 commercial occupancies, and a portion of the Mesa County Fairgrounds.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Highway 50, C Road, B Road, B ½ Road, and 27 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....1.0
- Population.....3.0
- Target hazards.....2.0
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 6 minutes and 47 seconds.

Structure Profile:

Residential: 1,160	Multi Family: 0	Commercial: 83
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Anytime Fitness	0	4	6	0	0	0	0	3	0	0	0	0	0	0	0	26
City Market	0	0	4	0	0	0	5	7	0	0	0	0	5	0	0	42
Dragon Treasure Restaurant	0	2	6	0	0	0	0	3	0	0	0	0	0	0	0	22
Grand Valley Funeral Care Center	0	4	4	0	0	0	0	2	10	5	0	10	0	5	0	80
Humphrey RV	0	1	4	0	0	0	2	0	0	0	0	0	0	0	0	14
Orchard Mesa Branch Library	0	2	6	0	0	0	3	4	0	0	5	0	0	5	0	50
Rocky Mountain Hatters	0	2	4	0	0	0	0	0	10	5	5	0	0	0	0	52
Vineyard Community Church	0	1	6	0	0	0	2	4	10	5	5	0	5	0	0	76

Critical Infrastructure: Within this zone there are two identified critical infrastructures, and they are the City Market Grocery Store and Highway 50.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, technical rescue responses and fire service responses. This zone has shown an increase in emergency medical service calls and a decrease in its fire service responses, hazardous material responses and technical rescue responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	2	0
		Moderate Risk	2	0	0	1
		Low Risk	0	1	3	0
	Non-Emergent		6	11	8	6
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	8	5
		Low Risk	41	49	49	56
	Non-Emergent		152	144	118	162
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		5	2	4	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	0	0



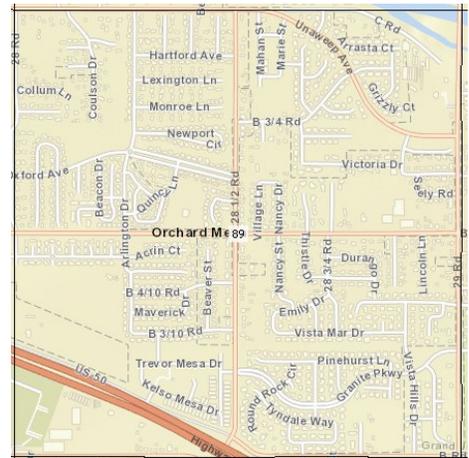
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 89

Risk Assessment Score: 15.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
848	E4	TK1	22.50	1	3,687

Description Profile: This area is comprised of desert, unprotected residential occupancies, 48 commercial occupancies, a portion of the Mesa County Fairgrounds, and a portion of the Colorado River. The northeast corner of this fire planning zone contains FEMA floodplains and 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Highway 50, B Road, B ½ Road, UnawEEP Avenue, 28 Road, and 29 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....5.0
- Total structure fires.....3.5
- Population.....3.5
- Target hazards.....0.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Travel time for first unit.....2.5

The total combined response time for the first unit in this planning zone is 6 minutes and 51 seconds.

Structure Profile:

Residential: 1,451	Multi Family: 0	Commercial: 48
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
MDS Group Home	0	4	6	0	0	0	0	2	0	0	0	0	5	5	0	22
Orchard Mesa Christian Church	0	4	6	0	0	0	0	3	10	3	0	0	0	5	0	31

Critical Infrastructure: Within this zone there are two identified critical infrastructures, and they are the MDS Group Home and Highway 50.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service responses. This zone has shown an increase in its fire service responses and its emergency medical service calls with a decrease in its hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	1	0	8	11
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	1
	Non-Emergent		8	5	3	6
EMS	Emergent	High Risk	0	0	0	5
		Moderate Risk	3	1	5	4
		Low Risk	44	38	55	57
	Non-Emergent		158	120	142	161
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		4	3	4	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 90

Risk Assessment Score: 7.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
278	E4	TK1	10.21	1	1,138

Description Profile: This area is comprised of desert, unprotected residential occupancies, 23 commercial occupancies, and the Chipeta Golf Course. This fire planning zone contains FEMA floodplains and 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 29 Road, B Road, B ½ Road and 30 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....2.0
- Total structure fires.....0.5
- Population.....1.5
- Target hazards.....0.5
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 13 seconds.

Structure Profile:

Residential: 482	Multi Family: 0	Commercial: 23
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
The Bump Shop	0	4	4	0	0	0	0	1	10	5	10	10	0	0	0	44

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, technical rescue responses and fire service responses. This zone has shown an increase in its fire service responses and a decrease in its emergency medical service calls, hazardous material responses, and technical rescue responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	2
		Moderate Risk	0	0	3	2
		Low Risk	0	0	0	0
	Non-Emergent			7	6	4
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	2	1	0	5
		Low Risk	4	14	28	20
	Non-Emergent			47	31	47
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			1	3	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent			1	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 91

Risk Assessment Score: 5.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
7	E4	TK1	3.67	1	168

Description Profile: This area is comprised of desert and unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are 30 Road, C Road, 31 Road, and B 1/2 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 48 seconds.

Structure Profile:

Residential: 66	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown a decrease in its emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	1	0
	Non-Emergent	3	2	0	1	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 92

Risk Assessment Score: 7.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
27	E5	TK1	3.11	1	0

Description Profile: This area is comprised of desert, six commercial occupancies and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert and mostly commercial streets. The major roadway that is included in this zone is Rimrock Drive. The main thoroughfare utilizes stop signs as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....5.0

The total combined response time for the first unit in this planning zone is 15 minutes and 16 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 6
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a decrease in fire service responses with an increase in emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	1	1	0
EMS	Emergent	High Risk	4	0	0	0
		Moderate Risk	0	0	0	13
		Low Risk	0	0	0	0
	Non-Emergent		2	1	1	4
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

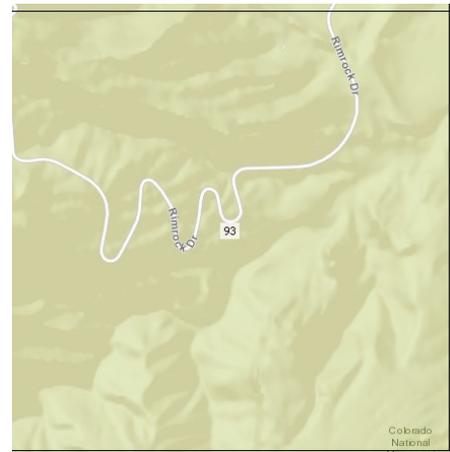
Fire Planning Zone: 93

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
10	E5	TK1	1.86	1	0

Description Profile: This area is comprised of desert and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert and mostly commercial streets. The major roadway that is included in this zone is Rimrock Drive. The main thoroughfare utilizes stop signs as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....4.5

The total combined response time for the first unit in this planning zone is 12 minutes and 46 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency service calls and technical rescue responses. This zone has shown an increase in its emergency medical service calls and a decrease in technical rescue responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	2
	Non-Emergent		2	1	1	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	2	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	0



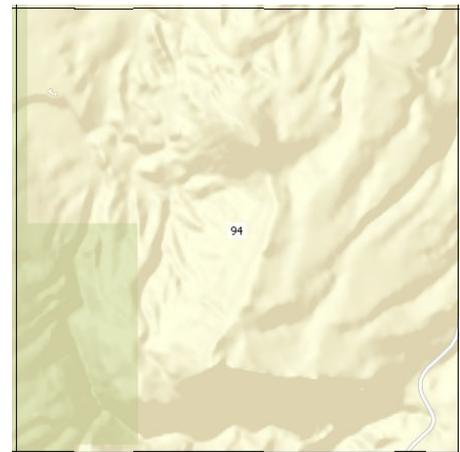
Fire Planning Zone: 94

Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	TK1	E5	.33	1	91

Description Profile: This area is comprised of desert, unprotected residential occupancies, and a portion of the Colorado National Monument.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 42	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type		2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0
		High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
		Non-Emergent		0	0
Haz-Mat	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
		Non-Emergent		0	0
Technical Rescue	Emergent	High Risk	0	0	0
		Moderate Risk	0	0	0
		Low Risk	0	0	0
		Non-Emergent		0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 95

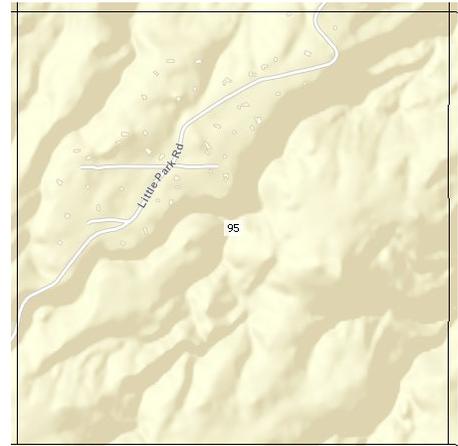
Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	TK1	E5	1.14	1	0

Description Profile: This area is comprised of desert.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



**GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION**

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
			Non-Emergent		0	0
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
			Non-Emergent		0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
			Non-Emergent		0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 96

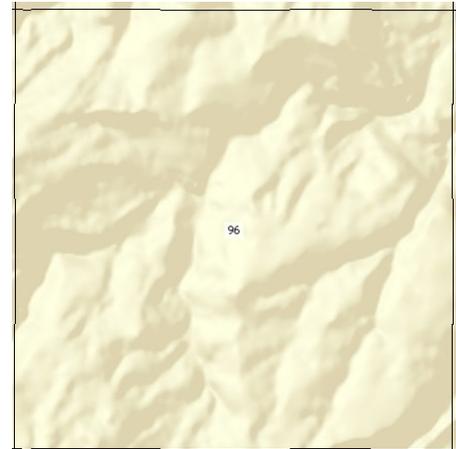
Risk Assessment Score: 2.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	E4/TK1	TK1/E5	0	1	0

Description Profile: This area is comprised of desert.

Location Factors: This area is comprised of one square mile of desert.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
	Haz-Mat	Emergent	High Risk	0	0	0
Moderate Risk			0	0	0	0
Low Risk			0	0	0	0
Non-Emergent		0	0	0	0	
Technical Rescue		Emergent	High Risk	0	0	0
	Moderate Risk		0	0	0	0
	Low Risk		0	0	0	0
	Non-Emergent	0	0	0	0	



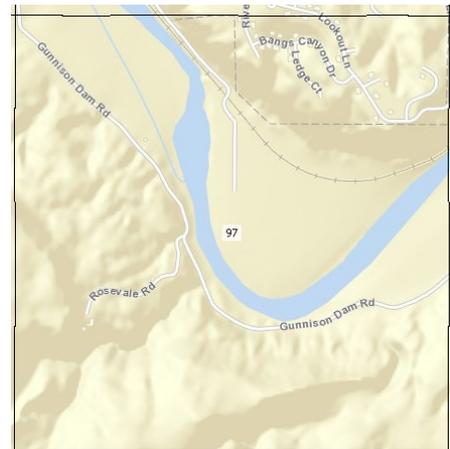
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 97

Risk Assessment Score: 7.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
25	TK1/E4	E5/TK1	3.09	1	38

Description Profile: This area is comprised of desert, unprotected residential occupancies, one commercial occupancy, the main rail line for the Union Pacific Railroad, and a portion of the Gunnison River. This fire planning zone contains FEMA 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....5.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 14 minutes and 20 seconds.

Structure Profile:

Residential: 15	Multi Family: 0	Commercial: 1
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown a decrease in emergency medical service calls while maintaining its fire service responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	2	2	2
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	3	2	1
	Non-Emergent		1	1	7	3
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



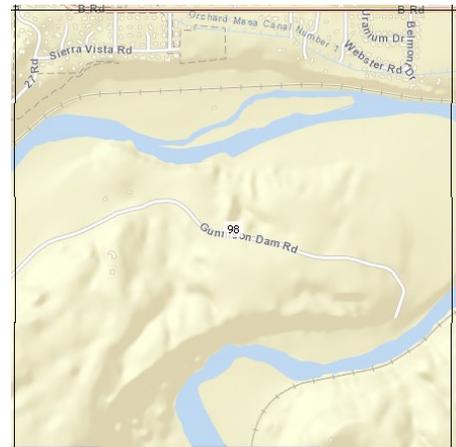
GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 98

Risk Assessment Score: 5.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
88	E4	TK1	3.13	1	512

Description Profile: This area is comprised of desert, unprotected residential occupancies, four commercial occupancies, the main rail line for the Union Pacific Railroad, and a portion of the Gunnison River. This fire planning zone contains FEMA 100-year flood zones.



Location Factors: This area is comprised of one square mile of desert and mostly residential streets. Several residential streets utilize stop signs as traffic calming devices in this zone.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....1.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 19 seconds.

Structure Profile:

Residential: 201	Multi Family: 0	Commercial: 4
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: No critical infrastructures have been identified in this planning zone.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses, and fire service responses. This zone has shown an increase in hazardous material responses with a decrease in fire service responses and maintained its emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		2	4	0	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	7	7	7	7
	Non-Emergent		0	0	0	0
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		1	0	0	1
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 99

Risk Assessment Score: 6.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
241	E4	TK1	6.76	1	816

Description Profile: This area is comprised of desert, unprotected residential occupancies, 13 commercial occupancies, and a portion of the Gunnison River. This fire planning zone contains FEMA 100-year flood zones.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Highway 50 and B Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....2.0
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....2.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 7 minutes and 13 seconds.

Structure Profile:

Residential: 332	Multi Family: 0	Commercial: 13
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Lucas Industrial Repair Inc.	0	2	10	0	0	0	0	2	10	3	5	0	0	0	0	32
Voice in the Wilderness Church	0	4	6	0	0	0	0	3	10	3	0	0	5	5	0	36

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Highway 50.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase in its emergency medical service calls and a decrease in its fire service responses and hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	2	0	0
	Non-Emergent		4	3	2	1
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	4
		Low Risk	12	9	8	30
	Non-Emergent		30	33	35	67
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	1	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 100

Risk Assessment Score: 9.0

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
324	E4	TK1	11.17	1	1,141

Description Profile: This area is comprised of desert, unprotected residential occupancies, and 18 commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Highway 50, B Road, 29 Road, and 30 Road. Several residential streets utilize stop signs as traffic calming devices and the main thoroughfares utilize traffic lights as calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....2.5
- Total structure fires.....1.0
- Population.....1.5
- Target hazards.....1.0
- Travel time for first unit.....3.0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 8 minutes and 09 seconds.

Structure Profile:

Residential: 435	Multi Family: 0	Commercial: 18
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Church of Jesus Christ of LDS	0	2	6	0	0	0	3	5	10	0	5	0	0	0	0	31
District 51 - Mesa View Elementary	0	2	4	0	0	0	5	4	0	0	0	0	5	0	0	20
Woodworkers, Inc.	0	2	10	0	0	0	0	2	0	3	5	0	0	0	0	22

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Highway 50.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services, hazardous material responses and fire service responses. This zone has shown an increase emergency medical service calls and fire service calls with a decrease in hazardous material responses over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	4
		Moderate Risk	0	2	0	0
		Low Risk	2	0	0	0
	Non-Emergent		1	2	1	4
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	11	20	23	30
	Non-Emergent		50	59	48	61
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	4	2
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 101

Risk Assessment Score: 6.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
40	E4	TK1	4.85	1	87

Description Profile: This area is comprised of desert, unprotected residential occupancies, and seven commercial occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Highway 50, 30 Road, and 31 Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....1.0
- Population.....0.5
- Target hazards.....1.0
- Travel time for first unit.....3.5



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

The total combined response time for the first unit in this planning zone is 9 minutes and 37 seconds.

Structure Profile:

Residential: 36	Multi Family: 0	Commercial: 7
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
Composting Gatehouse	0	4	10	0	0	0	0	1	10	5	0	0	0	0	0	30
Hazardous Waste Collection Facility - Bulking Shed	0	4	4	0	0	0	0	1	10	5	10	10	0	0	0	44
Household Hazardous Waste Facility	0	2	4	0	0	0	0	1	10	5	10	10	0	0	0	42
Mesa County Landfill	0	4	10	0	0	0	0	1	10	5	0	0	0	0	0	30

Critical Infrastructure: Within this planning zone there are three identified critical infrastructures, and they are the Household Hazardous Waste Facility, Highway 50 and the Mesa County Landfill.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services and fire service responses. This zone has shown an increase in its fire service responses and a decrease in its emergency medical service calls over the last four years.

Incident Type		2017	2018	2019	2020	
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	6	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	7
	Non-Emergent	0	1	0	3	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	2	4	2
	Non-Emergent	4	3	4	4	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 102

Risk Assessment Score: 5.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
15	E4	TK1	2.75	1	3

Description Profile: This area is comprised of desert and unprotected residential occupancies.

Location Factors: This area is comprised of one square mile of desert and mostly residential streets. The major roadways that are included in this zone are Highway 50 and 31 Road. Several residential streets utilize stop signs as traffic calming devices in this zone.



Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:

- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....3.5

The total combined response time for the first unit in this planning zone is 10 minutes and 07 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 1	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Highway 50.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that the most significant call demand is that of emergency medical services. This zone has shown a decrease in its emergency medical service calls over the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	2	4	0
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	2	0	0
	Non-Emergent		2	2	2	1
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent		0	0	0	0



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Fire Planning Zone: 103

Risk Assessment Score: 2.5

Total Incidents	Primary Engine	Secondary Engine	Road Miles	Square Miles	Population
0	E4	TK1	4.33	1	0

Description Profile: This area is comprised of desert.

Location Factors: This area is comprised of one square mile of desert and mostly commercial streets. The major roadways that are included in this zone are Highway 50 and 32 Road.

Risk Assessment: The agency conducted a risk assessment on this fire planning zone and evaluated four specific areas to determine the overall risk assessment score. The categories and scores are as follows:



- Total number of incidents.....0.5
- Total structure fires.....0.5
- Population.....0.5
- Target hazards.....0.5
- Travel time for first unit.....0.5

The total combined response time for the first unit in this planning zone is 0 minutes and 0 seconds.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Structure Profile:

Residential: 0	Multi Family: 0	Commercial: 0
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Target Hazards	Water Supply	Construction Type	NFPA Property Use Type	Number of Floors Above Grade	Height in Feet (from lowest point of vehicle access)	Presence of Below Grade Floors	Total Square Footage	Occupancy Load	Sprinkler System	Alarm System	Hazard of Contents	Hazardous Materials	Mobility of Occupants	Fire Department Access	Electrical	Total Risk Score
N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Critical Infrastructure: Within this planning zone there is one identified critical infrastructure, and it is Highway 50.



GRAND JUNCTION FIRE DEPARTMENT COMMUNITY RISK ASSESSMENT
STANDARDS OF COVER – 6TH EDITION

Event Probabilities: It has been determined that after a review of the incident patterns in this planning zone that there is no significant call demand in this planning zone as there are no documented service calls during the last four years.

Incident Type			2017	2018	2019	2020
Fire	Emergent	Max Risk	0	0	0	0
		High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
EMS	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Haz-Mat	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	
Technical Rescue	Emergent	High Risk	0	0	0	0
		Moderate Risk	0	0	0	0
		Low Risk	0	0	0	0
	Non-Emergent	0	0	0	0	