

Carbondale & Rural Fire Protection District  
Meeting of the Board of Directors  
February 12, 2025  
11:00 a.m.

Agenda

- A. Call to order & roll call
- B. Consent Agenda
  - 1. Approve Previous Minutes
  - 2. Current Bills & Balances
- C. Persons Present Not on the Agenda
- D. Staff Reports
  - 1. Chief's Report
  - 2. Attorney's Report
  - 3. Other
- E. Financial Report
  - 1. Other
- F. May 6, 2025 Election
  - 1. Resolution 2025-003, 2025 Regular District Election
  - 2. Other
- G. Old Business
  - 1. Board Retreat, March 5, 2025
  - 2. 2025 Standard of Cover Approval
  - 3. Other
- H. New Business
  - 1. Resolution 2025-004, Supporting a Joint Grant Application for the Garfield County Fire Agency Regional Station Paging Project
  - 2. Other
- I. Adjourn

# **CARBONDALE & RURAL FIRE PROTECTION DISTRICT**

## **MINUTES OF THE MEETING**

## **BOARD OF DIRECTORS**

### **CARBONDALE FIRE HEADQUARTERS**

**JANUARY 8, 2025**

The Board of Directors of the Carbondale & Rural Fire Protection District met for their regular meeting on January 8, 2025 at the Carbondale Fire Headquarters/Training Building.

President Gene Schilling called the meeting to order at 11:01 a.m. Directors present were Mike Kennedy and Michael Hassig. Director Sydney Schalit attended via teleconference. Also present were Rob Goodwin, Jenny Cutright, Karl Oliver, Eric Gross, Brandon Deter, Garrett Kennedy, Meagan Holland, Kevin Weber, Scott Evans, Ashley Buss Greene, Ethan Harvey, Justin Barham, Neal Martin, Kat Bernat, Tony Maganini, and Jennifer Taylor. Director Gretchen Stock Bell arrived at 11:02 am

### **CONSENT AGENDA**

The items on the consent agenda were:

- Approve Current Bills and Balances
- Approve the Minutes of the December 11, 2024 regular meeting
- Approve Resolution 2025-001, Resolution Approving the Meeting Schedule for Calendar Year 2025 and Designating the 2025 Posting Notice Locations

MOTION:       made to approve the consent agenda as noted. It carried and passed 4-0.

### **PERSONS PRESENT NOT ON THE AGENDA**

There were no members of the public present other than staff

### **EMPLOYEE LENGTH OF SERVICE AWARDS**

The Board of Directors recognized the following people for their service to the District:

- Ryan Allison, 5 years
- Scott Evans, 5 years
- Kevin Weber, 5 years

### **STAFF REPORTS**

Fire Chief The dispatch centers assessment by Mission Critical is progressing. Discussion regarding station alert paging, funding, and communications in the Crystal River Valley followed. Discussion regarding polling the community followed. The Chief's 2024 Year End Report was distributed.

Prevention Division Chief Funding for the Serpentine Trail wildfire mitigation project has been secured from the United States Forest Service.

Training Division Chief Members completed over 5,000 training hours in 2024. The Memorandum of Understanding with Colorado Mountain College is currently being renegotiated.

### **MAY 6, 2025 ELECTION**

Appoint Designated Election Official The seats currently held by Mike Kennedy, Gretchen Stock Bell, and Michael Hassig are up for election.

MOTION: made to approve Resolution 2025-002, A Resolution Appointing a Designated Election Official and Authorizing Designated Election Official to Cancel Election. It carried and passed unanimously.

Election Format The May 6, 2025 election will be conducted as a mail ballot election.

### **OLD BUSINESS**

Station 81 Expansion Project The project is on schedule and on budget. It is expected to be finished the first week of February.

### **NEW BUSINESS**

2025 Actuarial Study The biannual actuarial study is due by the end of January. Discussion followed, and it was determined that the best option is to study the current benefit in 2025 and revisit the topic in late 2025 to consider an off-year study in 2026.

Chief Goodwin Annual Evaluation The Board of Directors performed Chief Goodwin's annual evaluation. Discussion regarding Chief Goodwin's leadership, job performance, and 2025 proposed wage followed. Comments from the Board of Directors included: It is an honor to work with you and be part of your team. Rob has vision and inspires senior staff to execute the tasks in his plan. Rob has created a culture where people want to work and staff turnover is low. He has great plans for work force housing and has exceeded the ever-growing community needs to first response.

MOTION: to give Rob Goodwin a 5% raise effective January 1, 2025. It carried and passed unanimously.

Board Retreat A work session to discuss future planning needs and funding will be scheduled for March 5, 2025.

MOTION: made to adjourn the Board of Directors meeting at 12:10 p.m. It carried and passed unanimously.

Respectfully submitted,

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Jenny Cutright, Recording Secretary

DRAFT



## **Chief's Report & Updates – February 12, 2025**

### **Palisades Fire 2025 Update**

Prevention Division Chief Karl Oliver led a crew from CRFPD in Engine 84 to the Palisades Fire in Southern California as part of a strike team of engines from Colorado. The crew was there for 14 days and performed Initial Attack on new fires along with patrols of areas and subdivisions. They were given new assignments almost every day and patrolled many of the divisions on the fire. This included areas already affected by the fire and other areas they were assigned to protect.

Chief Oliver and crew did a great job and came back to Carbondale with no injuries or broken equipment. Chief Oliver additionally conducted his own observations and documented how homes burned or did not burn in an effort to understand the complexity of fire behavior, particularly in high-wind events. Chief Oliver was able to present some of his results to the homeowner association at River Valley Ranch along with me and Angie Davlyn from the Roaring Fork Valley Wildfire Collaborative. The evening went very well and was attended by approximately 100 residents from RVR.

### **2024 Standard of Cover Project (SOC)**

A “Standards of Response Coverage” program is an important part of not only our strategic planning process but also our vision and direction for providing emergency services moving forward. A SOC is one of the foundational steps for achieving accreditation with the Center for Public Safety Excellence. The CPSE is the organization that reviews and gives accreditation to fire departments nationwide. Achieving accreditation is an important piece of our strategic plan and for the communities that we serve.

I sent the SOC document to the BOD in January and would like to review it with the expectation of approval by the Board of Directors for publication.

### **Aging First-Due Apparatus Maintenance and Repairs**

We have been experiencing a number of significant breakdowns and operational issues related to aging and end of service life timelines with our first-due fire apparatus. Some of the repairs and breakdowns over the past 18-24 months were not unexpected and just come with operating aging vehicles. On the other hand, one of the vehicles has proven to be a maintenance sponge and operational problem for several years.

Rescue 81, our first-due fire engine out of Station 81 is 18 years old and is relied upon for response to structure fires along with motor vehicle accidents and virtually any “fire engine” response need. Over the past 36 months, Rescue 81 has been taken out of service for repairs for extended periods and has cost the fire district over \$133,000. In late 2024, Rescue 81 was out of service for approximately 90 days to receive custom built parts that are no longer available.

Ladder 81, our first-due ladder truck was purchased in 2012 as a three-year old “Demonstrator” model which allowed us to purchase it at a steep discount versus purchasing new. This however has turned out to be a double-edged sword for the district. The fact that this vehicle was a demonstrator meant that for 3 years before our purchase, it was driven throughout the United States and the ladder was used over and over to demonstrate its’ capabilities to potential buyers. For CRFPD, it has turned out that the ladder, outriggers and components at the time of purchase, were more like a ladder that had been used for 10+ years of heavy duty use. CRFPD has had to repair and replace almost all of the operational components on the ladder over the past 12 years, including the complete wiring harness for the ladder, reconstruction of both main hydraulic cylinders that lift the ladder and numerous additional repairs/replacements. The estimated costs of repair for Ladder 81 just over the past 36 months is over \$40,000 and down time has totaled 45-60 days. The total cost and down time since purchasing in 2012 is difficult to calculate but, both are significant.



### **Aging First-Due Apparatus Maintenance and Repairs continued:**

Anecdotally, we have known that both of these rigs were aging and becoming more and more of an issue but, until now we had not done the research to try and put accurate numbers to the costs and down time. Over the next couple of years we are going to need to replace these apparatus. We have been in the process of design and specification on a new first-due engine and we are pretty much to the point of being able to send out to vendors for pricing and delivery estimates. This is necessary to do now as it can take as much as 36+ month to receive a new engine once the ordering process is complete.

### **2025 Impact Fees Implementation**

CRFPD recently executed the agreement and collected impact fees at the new rate according to the updated impact fee resolution. The project is in the Town of Carbondale and the impact fee process with the developer went well and remains essentially the same as before, just with a new rate.

### **Emergency Planning With Town of Carbondale**

I have been working with the Carbondale Town Manager and Chief of Police on delivering ICS training to their Board of Trustees and TOC department heads. We are scheduling the trainings for mid-March and then doing a large wildfire tabletop scenario in early April. I am also developing the scenario that we will be using.

Hopefully, this will help the TOC and CRFPD to continue the emergency planning process and completion of an all-hazards evacuation plan.

Thank you very much,

Rob Goodwin



# Operations Report

## January 2025

| January 2025 Responses     |            |            |                     |               | 2025 Responses YTD |            |               |               |
|----------------------------|------------|------------|---------------------|---------------|--------------------|------------|---------------|---------------|
| Incident Type              | 2025       | 2024       | % of Total Month/Yr | +/- 2024-2023 | 2025               | 2024       | % of 2024     | +/- 2024-2023 |
| Structure Fires            | 0          | 2          | 0.0%                | -100.0%       | 0                  | 2          | 0.0%          | -100.0%       |
| Vehicle Fires              | 0          | 1          | 0.0%                | -100.0%       | 0                  | 1          | 0.0%          | -100.0%       |
| Other Fires (100)          | 0          | 5          | 0.0%                | 300.0%        | 0                  | 5          | 0.0%          | -100.0%       |
| Rupture/Explosion (200)    | 0          | 0          | 0.0%                | 0.0%          | 0                  | 0          | 0.0%          | 0.0%          |
| EMS/Rescue (300)           | 70         | 57         | 48.6%               | 22.8%         | 70                 | 57         | 48.6%         | 22.8%         |
| Haz. Condition (400)       | 6          | 5          | 4.2%                | 20.0%         | 6                  | 5          | 4.2%          | 20.0%         |
| Service Call (500)         | 11         | 14         | 7.6%                | -21.4%        | 11                 | 14         | 7.6%          | -21.4%        |
| Good Intent (600)          | 28         | 30         | 19.4%               | -6.7%         | 28                 | 30         | 19.4%         | -6.7%         |
| False Call (700)           | 25         | 18         | 17.4%               | 38.9%         | 25                 | 18         | 17.4%         | 38.9%         |
| Severe Weather (800)       | 0          | 0          | 0.0%                | 0.0%          | 0                  | 0          | 0.0%          | #DIV/0!       |
| Special Incident (900)     | 4          | 0          | 2.8%                | 200.0%        | 4                  | 0          | 2.8%          | #DIV/0!       |
| <b>Total All Incidents</b> | <b>144</b> | <b>132</b> | <b>100.0%</b>       | <b>9.1%</b>   | <b>144</b>         | <b>132</b> | <b>100.0%</b> | <b>9.1%</b>   |

### Important Events & Projects

- Sent a Type 3 Engine with a crew of three wildland firefighters to Los Angeles for a two-week assignment.
- Planning for 2025 wildfire season including working on staffing increase for summer season.
- Integrated two new part-time operational employees into our shift rotation.
- Working on updating current standard operating guidelines.

Respectfully Submitted,

Michael Wagner – Deputy Chief of Operations

# Board of Directors Report – Prevention

January 2025

Completed Plan/code Reviews:

- Flow testing for ANB bank.
- Final for Qdoba.

Inspections:

- Built a new assessment document through First Due of HOA assessments.

Other Projects:

- 16 Days in California on the Palisades Fire.
- Received fee payment for ANB bank development.
- Meeting of the Western Slope Fire Marshals Association in Snowmass Village.
- CDOT is starting the planning process for the replacement of the south bridge to Redstone.



**Administrative**

- Working with Training Consortium to create a 501C3 non-profit to facilitate expansion of the Consortium
- Working with Training Consortium to consolidate training equipment to reduce valley wide Fire Department spending on redundancy of equipment/gear
- Fire training plan for 2024 with lead and adjunct instructors has been implemented
- Exploring training plan for volunteer members
- Finalizing Training Division SOG
- Organized IQS in accordance with national standards
- Teaching the Firefighter 1 Academy
- Conducting CEPA EMR class for RFHS via CMC – students from previous EMR/IEMS classes have begun enrolling in to EMT & Fire Academies
- Continuing with CMC to bring the AAS/BS Fire Science Degree to Carbondale and working on bringing the Paramedic Program to Carbondale as well
- EMT Basic class will be held at CRFPD in spring of 25’
- Firefighter 2 class will be held at CRFPD in spring of 25’
- Deter and Taylor have received clearance from DFPC to teach Fire Officer 1 classes

**Professional Development**

Deter is finishing Masters Degree in Fire Administration done in May 25’

**Respectfully – *B. Deter***

# CRFPD Training Report

Jan 2025



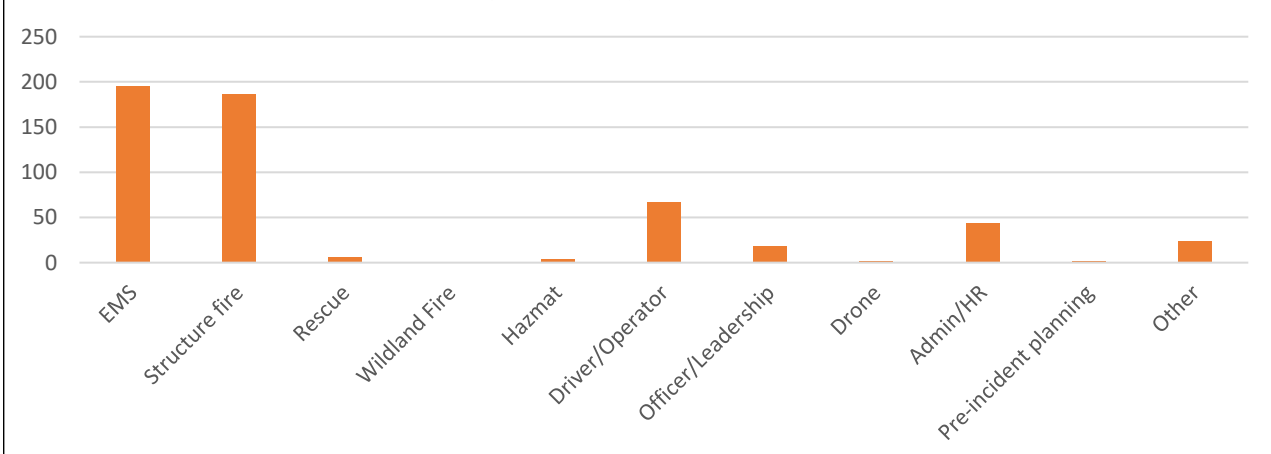
## Training hours by GROUP

| Group                 | Monthly       | YTD          | Percentage  |
|-----------------------|---------------|--------------|-------------|
| A-shift               | 91.15         | 94.15        | 17%         |
| B-shift               | 81.82         | 92.35        | 17%         |
| C-shift               | 90.65         | 98.4         | 18%         |
| Admin/Training        | 75.4          | 98.31        | 18%         |
| Volunteer & Part-time | 126.23        | 166.39       | 30%         |
| <b>TOTAL</b>          | <b>465.25</b> | <b>549.6</b> | <b>100%</b> |

## Training hours by CATEGORY

| Category              | Monthly       | YTD          | Percentage  |
|-----------------------|---------------|--------------|-------------|
| EMS                   | 162.25        | 195.5        | 36%         |
| Structure fire        | 169.5         | 186.5        | 34%         |
| Rescue                | 6             | 6            | 1%          |
| Wildland Fire         | 0             | 0            | 0%          |
| Hazmat                | 4             | 4            | 1%          |
| Driver/Operator       | 59.25         | 67.45        | 12%         |
| Officer/Leadership    | 2             | 18           | 3%          |
| Drone                 | 2             | 2            | 0%          |
| Admin/HR              | 38.5          | 44.15        | 8%          |
| Pre-incident planning | 0             | 2            | 0%          |
| Other                 | 21.75         | 24           | 4%          |
| <b>TOTAL</b>          | <b>465.25</b> | <b>549.6</b> | <b>100%</b> |

Training hours by CATEGORY (YTD)





## EMS Chief Report January 2025

### **EMS Patients January 2025 –**

68 EMS Patient contacts in January 2025

### **Projects and updates–**

- Manage EMS Ordering/inventory for CRFPD
- Maintain supplies/medications in vending machine for CRFPD
- Controlled substance monitoring and inventory
- Fire/EMS Report review, NFIRS /NEMSIS submissions and Q&A
- Attended RETAC and Regional Chiefs meeting
- Met with Dr. Drake to discuss plans/goals for 2025
- Coordinated 2 Q&A Reviews with Dr. Drake for all members
- Attended NFA Command & Control in WUI for Chief Officers
- Coordinated and ordered several fire related budget items
- Ongoing Special Event planning/scheduling for 2025
- Regular staff/Chief meetings
- Participated on the IMT for X Games
- Covered On Call Chief rotation shifts
- Incident response in district as needed
- Attended CRFPD All Staff meeting
- Finalized on boarding with Dr Drake
- Assisted volunteers/Staff with projects and task books as needed

Respectfully submitted,  
Garrett Kennedy  
EMS Chief



## **Board of Directors Report**

Pablo Herr- Assistant Chief Prevention  
February 2025

### **Prevention/outreach/education-**

- Home Fire Safety/Wildfire Assessment 3958 Crystal Bridge Drive Carbondale
- Home Fire Safety/Wildfire Assessment 427 Crystal Canyon Drive Carbondale
- Fire Marshal Association of Colorado Region Meeting
- PCIMT Activation X-Games 2025 Safety Officer
- Pitkin County Public Safety Council
- Garfield County Senior Lunch
- Age Friendly Carbondale Safety Meeting
- 1708 CR 121 Cistern Tank Installation

### **Inspections-**

- 1430 Cattle Creek Road Fire Sprinkler Final
- 901 CO -133 QDOBA Fire Sprinkler Final 2X
- 1340 CO-133 Faith Lutheran Pre School-Annual Inspection
- 3030 Elk Springs Drive Wildfire Assessment
- 140 Trout Pitkin County (Temporary Propane Heat) 2X

Carbondale & Rural Fire Protection District  
[www.carbondalefire.org](http://www.carbondalefire.org)

300 Meadowood Drive • Carbondale, CO 81623 • Office: 970-963-2491 • Fax: 970-963-0569

January 31, 2025

Interest Rate

**General Fund**

|                          |                      |       |
|--------------------------|----------------------|-------|
| Alpine Checking          | 277,108.96           | 0.00% |
| Alpine Money Market Fund | 574,740.28           | 4.52% |
| <b>TOTAL</b>             | <b>\$ 851,849.24</b> |       |

**Capital Projects Fund #1**

|                          |                      |       |
|--------------------------|----------------------|-------|
| Alpine Checking          | 68,716.71            | 0.00% |
| Alpine Money Market Fund | 329,943.29           | 4.52% |
| Alpine Impact Fee Fund   | 102,469.61           | 4.52% |
| <b>TOTAL</b>             | <b>\$ 501,129.61</b> |       |

**Capital Replacement Fund**

|                   |                     |       |
|-------------------|---------------------|-------|
| Csafe CRF Account | <b>\$730,711.46</b> | 4.60% |
|-------------------|---------------------|-------|

**Bond Fund**

|       |                      |       |
|-------|----------------------|-------|
| Csafe | <b>\$ 578,395.92</b> | 4.60% |
|-------|----------------------|-------|

**Pension Fund**

|      |                        |      |
|------|------------------------|------|
| FPPA | <b>\$ 2,262,373.01</b> | 3rd% |
|------|------------------------|------|

**Ambulance Billing Report**

December 2024

|  |                     |
|--|---------------------|
| Cash Collected on Accounts                       | <b>\$ 41,403.76</b> |
| New Accounts Billed                              | <b>\$ 97,062.00</b> |
| Medicare Assignments/Medicaid & Other Write-Offs | <b>\$ 82,709.38</b> |

**Aging Report**

|                  |                   |                   |                    |              |
|------------------|-------------------|-------------------|--------------------|--------------|
| <u>0-30 Days</u> | <u>31-60 Days</u> | <u>61-90 Days</u> | <u>&gt;90 Days</u> | <u>Total</u> |
| \$135,592.12     | \$49,406.99       | \$36,311.63       | \$38,044.07        | \$259,354.81 |

## Checks Issued Between Board Meetings

### General Fund

|  |            |
|--|------------|
| Colorado Firefighter Heart & Cancer Trus | \$7,920.00 |
|--|------------|

### Capital Projects Fund

### Miscellaneous Income

#### General Fund

|  |             |
|--|-------------|
| USFS Mitigation Grant for Serpentine Tra | \$75,000.00 |
| Donation                                 | \$200.00    |
| Wildfire Contracts (2024 season)         | \$99,745.06 |

### Capital Projects Fund

none

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**Carbondale & Rural Fire Protection District**  
**Electronic Payments**  
**January 2025**

02/07/25

Accrual Basis

| Date                                  | Name                          | Amount            |
|---------------------------------------|-------------------------------|-------------------|
| <b>1110 · Alpine Bank-Checking GF</b> |                               |                   |
| 01/01/2025                            | Valley Waste Solutions, LLC   | -145.68           |
| 01/01/2025                            | Valley Waste Solutions, LLC   | -147.83           |
| 01/01/2025                            | Mountain Waste & Recycling    | -59.82            |
| 01/01/2025                            | Mountain Waste & Recycling    | -801.76           |
| 01/01/2025                            | Mountain Waste & Recycling    | -59.82            |
| 01/02/2025                            | Town of Carbondale            | -253.11           |
| 01/02/2025                            | Town of Carbondale            | -112.64           |
| 01/02/2025                            | Town of Carbondale            | -223.94           |
| 01/02/2025                            | Town of Carbondale            | -49.50            |
| 01/02/2025                            | Xcel Energy                   | -97.18            |
| 01/02/2025                            | Xcel Energy                   | -2,000.50         |
| 01/02/2025                            | MetLife                       | -5,718.40         |
| 01/03/2025                            | Holy Cross Energy             | -33.86            |
| 01/03/2025                            | Holy Cross Energy             | -49.67            |
| 01/03/2025                            | Holy Cross Energy             | -85.21            |
| 01/03/2025                            | Holy Cross Energy             | -107.89           |
| 01/03/2025                            | Holy Cross Energy             | -262.75           |
| 01/06/2025                            | Bamboo HR                     | -1,033.36         |
| 01/06/2025                            | Intermedia                    | -6.00             |
| 01/06/2025                            | Intermedia                    | -910.05           |
| 01/06/2025                            | Pinnacol Assurance            | -12,196.00        |
| 01/07/2025                            | Granite Telecommunications    | 0.00              |
| 01/13/2025                            | Colorado State Treasurer      | -1,740.45         |
| 01/14/2025                            | Comcast (epay)                | -25.00            |
| 01/17/2025                            | Cenex Fleetcard               | -2,783.81         |
| 01/17/2025                            | Granite Telecommunications    | -779.07           |
| 01/19/2025                            | Comcast (epay)                | -126.78           |
| 01/19/2025                            | Lumen/Century Link Business   | -53.83            |
| 01/19/2025                            | Comcast (epay)                | 0.00              |
| 01/21/2025                            | Holy Cross Energy             | -37.05            |
| 01/21/2025                            | Holy Cross Energy             | -98.66            |
| 01/21/2025                            | Holy Cross Energy             | -160.53           |
| 01/21/2025                            | Holy Cross Energy             | -298.86           |
| 01/21/2025                            | Holy Cross Energy             | -47.13            |
| 01/23/2025                            | Holy Cross Energy             | -487.94           |
| 01/24/2025                            | Streamline                    | -500.00           |
| 01/25/2025                            | Redstone Water & Sanitatio... | -312.00           |
| 01/27/2025                            | Comcast (epay)                | -299.07           |
| 01/29/2025                            | Black Hills Energy            | -868.84           |
| 01/30/2025                            | Xerox Corporation             | -439.55           |
| 01/30/2025                            | Xerox Corporation             | -93.13            |
| 01/30/2025                            | Black Hills Energy            | -768.81           |
| 01/30/2025                            | Black Hills Energy            | -815.74           |
| 01/30/2025                            | Black Hills Energy            | -1,046.42         |
| 01/31/2025                            | Streamline                    | -500.00           |
| 01/31/2025                            | Xerox Corporation             | -180.55           |
| 01/31/2025                            | Valley Waste Solutions, LLC   | -145.68           |
| Total 1110 · Alpine Bank-Checking GF  |                               | -36,963.87        |
| <b>TOTAL</b>                          |                               | <b>-36,963.87</b> |

12:25 PM

02/07/25

Accrual Basis

**Carbondale & Rural Fire Protection District**  
**Payroll Transactions**  
**January 2025**

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| <u>Date</u>                           | <u>Name</u>             | <u>Amount</u>      |
|---------------------------------------|-------------------------|--------------------|
| <b>1110 · Alpine Bank-Checking GF</b> |                         |                    |
| 01/02/2025                            | QuickBooks Payroll S... | -97,316.14         |
| 01/03/2025                            | Colorado Department ... | -5,082.00          |
| 01/03/2025                            | United States Treasury  | -20,532.94         |
| 01/03/2025                            | FPPA                    | -46,931.12         |
| 01/08/2025                            | Colorado Department ... | -132.00            |
| 01/08/2025                            | United States Treasury  | -420.74            |
| 01/16/2025                            | QuickBooks Payroll S... | -108,135.18        |
| 01/17/2025                            | Colorado Department ... | -5,621.00          |
| 01/17/2025                            | United States Treasury  | -23,768.28         |
| 01/17/2025                            | FPPA                    | -50,086.65         |
| 01/30/2025                            | QuickBooks Payroll S... | -141,990.04        |
| 01/31/2025                            | Colorado Department ... | -7,960.00          |
| 01/31/2025                            | United States Treasury  | -44,208.64         |
| 01/31/2025                            | FPPA                    | -49,165.78         |
| Total 1110 · Alpine Bank-Checking GF  |                         | -601,350.51        |
| <b>TOTAL</b>                          |                         | <b>-601,350.51</b> |



11:55 AM

02/07/25

Accrual Basis

**Carbondale & Rural Fire Protection District**  
**General Fund Check Register**  
**February 12, 2025**

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| <u>Num</u>                            | <u>Date</u> | <u>Name</u>                      | <u>Amount</u>     |
|---------------------------------------|-------------|----------------------------------|-------------------|
| <b>1110 · Alpine Bank-Checking GF</b> |             |                                  |                   |
| 43038                                 | 02/12/2025  | Ace Hardware                     | -457.48           |
| 43039                                 | 02/12/2025  | Acme Fire Alarm Company I...     | -266.00           |
| 43040                                 | 02/12/2025  | Airgas USA, LLC                  | -583.53           |
| 43041                                 | 02/12/2025  | Bound Tree Medical, LLC          | -1,100.39         |
| 43042                                 | 02/12/2025  | Builders First Source            | -260.71           |
| 43043                                 | 02/12/2025  | Cedar Networks                   | -915.99           |
| 43044                                 | 02/12/2025  | Century Link                     | -147.13           |
| 43045                                 | 02/12/2025  | Colorado Division of Fire Pre... | -105.00           |
| 43046                                 | 02/12/2025  | Colorado Fire Training Office... | -165.00           |
| 43047                                 | 02/12/2025  | Colorado Mountain College        | -3,642.00         |
| 43048                                 | 02/12/2025  | Colorado State Fire Fighters ... | -400.00           |
| 43049                                 | 02/12/2025  | Colorado Wildland & Incident...  | -450.00           |
| 43050                                 | 02/12/2025  | Comcast                          | -28.45            |
| 43051                                 | 02/12/2025  | Commercial Tire Service, Inc.    | -1,778.40         |
| 43052                                 | 02/12/2025  | Crew Boss PPE                    | -326.00           |
| 43053                                 | 02/12/2025  | Elite Building Care, Inc.        | -3,120.00         |
| 43054                                 | 02/12/2025  | Employers Council Services, ...  | -660.00           |
| 43055                                 | 02/12/2025  | Eric J. Gross Attorney P.C.      | -761.40           |
| 43056                                 | 02/12/2025  | Galls, LLC                       | -300.98           |
| 43057                                 | 02/12/2025  | Grainger                         | -258.61           |
| 43058                                 | 02/12/2025  | Impressions of Aspen, Inc.       | -57.89            |
| 43059                                 | 02/12/2025  | Ivano Del Piccolo                | -1,500.00         |
| 43060                                 | 02/12/2025  | Kent Oliver                      | -72.28            |
| 43061                                 | 02/12/2025  | Kroger - King Soopers Custo...   | -718.12           |
| 43062                                 | 02/12/2025  | Life Assist, Inc.                | -1,727.85         |
| 43063                                 | 02/12/2025  | Life Line Billing Systems, LLC   | -3,208.79         |
| 43064                                 | 02/12/2025  | Marble Water Company             | -130.00           |
| 43065                                 | 02/12/2025  | Mile-Hi Fire Apparatus Inc       | -708.22           |
| 43066                                 | 02/12/2025  | Mountain Pest Control, Inc.      | -314.00           |
| 43067                                 | 02/12/2025  | Napa Auto Parts                  | -3,447.94         |
| 43068                                 | 02/12/2025  | Pacific Sheet Metal, Inc.        | -3,065.43         |
| 43069                                 | 02/12/2025  | Paul Luttrell                    | -104.73           |
| 43070                                 | 02/12/2025  | Roaring Fork Leadership          | -2,500.00         |
| 43071                                 | 02/12/2025  | Stryker Sales Corporation        | -1,193.55         |
| 43072                                 | 02/12/2025  | Western Paper Distributors       | -265.88           |
| 43073                                 | 02/12/2025  | Western Vegetation Manage...     | -15,497.50        |
| Total 1110 · Alpine Bank-Checking GF  |             |                                  | -50,239.25        |
| <b>TOTAL</b>                          |             |                                  | <b>-50,239.25</b> |

**Capital Projects Fund**  
**Check Register**  
February 12, 2025

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| <u>Date</u>               | <u>Num</u> | <u>Name</u>             | <u>Amount</u>      |
|---------------------------|------------|-------------------------|--------------------|
| <b>1110 - Alpine Bank</b> |            |                         |                    |
| 02/12/20                  | 5384       | A4 Architects, LLC      | -3,279.40          |
| 02/12/20                  | 5385       | PNCI Construction, Inc. | -314,596.83        |
| 02/12/20                  | 5386       | Stryker Sales Corp.     | -218.76            |
| Total 1110 - Alpine Bank  |            |                         | -318,094.99        |
| <b>TOTAL</b>              |            |                         | <b>-318,094.99</b> |

## Carbondale & Rural Fire Protection District Income Statement January through December 2025

|  | Jan - Dec 25      | Budget              | \$ Over Budget       | % of Budget     |
|--|-------------------|---------------------|----------------------|-----------------|
| <b>Income</b>                            |                   |                     |                      |                 |
| <b>4000 · Taxes</b>                      |                   |                     |                      |                 |
| 4010 · Property Tax                      | 0.00              | 6,824,697.00        | -6,824,697.00        | 0.0%            |
| 4011 · Temporary Tax Credit              | 0.00              | -498,997.00         | 498,997.00           | 0.0%            |
| 4020 · Specific Ownership Tax            | 0.00              | 390,000.00          | -390,000.00          | 0.0%            |
| 4030 · Interest & Penalties              | 0.00              | 2,000.00            | -2,000.00            | 0.0%            |
| 4040 · Delinquent Tax                    | 0.00              | 1,000.00            | -1,000.00            | 0.0%            |
| 4050 · Abated Tax                        | 0.00              | 22,580.00           | -22,580.00           | 0.0%            |
| 4060 · Gallagher Override                | 0.00              | 439,209.00          | -439,209.00          | 0.0%            |
| 4070 · Exempt Personal Property          | 0.00              | 6,018.00            | -6,018.00            | 0.0%            |
| <b>Total 4000 · Taxes</b>                | <b>0.00</b>       | <b>7,186,507.00</b> | <b>-7,186,507.00</b> | <b>0.0%</b>     |
| <b>4200 · Other Revenue</b>              |                   |                     |                      |                 |
| 4210 · Ambulance Service                 | 38,509.08         | 500,000.00          | -461,490.92          | 7.7%            |
| 4211 · Ambulance Collections after WO    | 1,735.67          |                     |                      |                 |
| 4220 · Wildfire Contracts                | 213,803.06        | 10,000.00           | 203,803.06           | 2,138.0%        |
| 4230 · Special Event Contracts           | 0.00              | 0.00                | 0.00                 | 0.0%            |
| 4250 · Interest                          | 0.00              | 25,000.00           | -25,000.00           | 0.0%            |
| 4300 · Building Rentals                  | 1,750.00          | 21,000.00           | -19,250.00           | 8.3%            |
| 4350 · Grants & Contributions            | 75,200.00         | 1,000.00            | 74,200.00            | 7,520.0%        |
| 4360 · Training Reimbursements           | 1,400.00          | 500.00              | 900.00               | 280.0%          |
| 4361 · CPR training Income               | 0.00              | 2,500.00            | -2,500.00            | 0.0%            |
| 4797 · Heart Trust Reimbursement         | 0.00              | 5,000.00            | -5,000.00            | 0.0%            |
| 4798 · Volunteer Fund                    | 0.00              | 1,000.00            | -1,000.00            | 0.0%            |
| 4799 · Vending Machine                   | 73.28             | 1,000.00            | -926.72              | 7.3%            |
| 4800 · Miscellaneous                     | 0.00              | 80,000.00           | -80,000.00           | 0.0%            |
| <b>Total 4200 · Other Revenue</b>        | <b>332,471.09</b> | <b>647,000.00</b>   | <b>-314,528.91</b>   | <b>51.4%</b>    |
| <b>Total Income</b>                      | <b>332,471.09</b> | <b>7,833,507.00</b> | <b>-7,501,035.91</b> | <b>4.2%</b>     |
| <b>Gross Profit</b>                      | <b>332,471.09</b> | <b>7,833,507.00</b> | <b>-7,501,035.91</b> | <b>4.2%</b>     |
| <b>Expense</b>                           |                   |                     |                      |                 |
| <b>5000 · Personnel</b>                  |                   |                     |                      |                 |
| <b>5010 · Wages</b>                      |                   |                     |                      |                 |
| 5011 · Wages                             | 471,667.85        | 4,241,361.00        | -3,769,693.15        | 11.1%           |
| 5012 · Seasonal Staffing                 | 0.00              | 65,000.00           | -65,000.00           | 0.0%            |
| <b>Total 5010 · Wages</b>                | <b>471,667.85</b> | <b>4,306,361.00</b> | <b>-3,834,693.15</b> | <b>11.0%</b>    |
| <b>5013 · Wages - Reimbursable</b>       |                   |                     |                      |                 |
| 5014 · Special Event Wages               | 662.60            | 2,000.00            | -1,337.40            | 33.1%           |
| 5015 · Wildfire Contract Wages           | 71,859.17         | 5,000.00            | 66,859.17            | 1,437.2%        |
| <b>Total 5013 · Wages - Reimbursable</b> | <b>72,521.77</b>  | <b>7,000.00</b>     | <b>65,521.77</b>     | <b>1,036.0%</b> |
| 5030 · Payroll Expenses                  | 5,781.98          | 72,132.00           | -66,350.02           | 8.0%            |
| 5035 · Unemployment Insurance            | 1,740.45          | 8,366.00            | -6,625.55            | 20.8%           |
| 5040 · Health Benefits                   | 65,212.04         | 824,551.00          | -759,338.96          | 7.9%            |
| 5045 · Pension Benefits                  | 46,058.15         | 431,168.00          | -385,109.85          | 10.7%           |
| 5050 · 457 Contributions                 | 4,273.56          | 35,826.00           | -31,552.44           | 11.9%           |
| 5055 · Workers Comp                      | 24,393.00         | 121,644.00          | -97,251.00           | 20.1%           |
| 5060 · Disability                        | 14,612.04         | 157,497.00          | -142,884.96          | 9.3%            |
| 5061 · Heart & Cancer Trust              | 7,920.00          | 15,000.00           | -7,080.00            | 52.8%           |
| 5070 · Uniforms                          | 4,240.40          | 35,000.00           | -30,759.60           | 12.1%           |
| 5071 · Class A Uniforms                  | 0.00              | 20,000.00           | -20,000.00           | 0.0%            |
| 5075 · Volunteer Meal Program            | 201.98            | 5,000.00            | -4,798.02            | 4.0%            |

## Carbondale & Rural Fire Protection District Income Statement January through December 2025

|                                      | Jan - Dec 25      | Budget              | \$ Over Budget       | % of Budget  |
|--------------------------------------|-------------------|---------------------|----------------------|--------------|
| 5076 · LOSAP Program                 | 0.00              | 6,000.00            | -6,000.00            | 0.0%         |
| 5077 · Volunteer Fund                | 0.00              | 1,000.00            | -1,000.00            | 0.0%         |
| 5078 · Member Incentive              | 435.91            | 25,000.00           | -24,564.09           | 1.7%         |
| 5079 · Health & Wellness             | 0.00              | 120,000.00          | -120,000.00          | 0.0%         |
| 5080 · Board Members Pay             | 0.00              | 12,000.00           | -12,000.00           | 0.0%         |
| <b>Total 5000 · Personnel</b>        | <b>719,059.13</b> | <b>6,203,545.00</b> | <b>-5,484,485.87</b> | <b>11.6%</b> |
| <b>5100 · Administration</b>         |                   |                     |                      |              |
| 5110 · Treasurer's Fees              | 0.00              | 167,061.00          | -167,061.00          | 0.0%         |
| 5115 · Abated Taxes                  | 0.00              | 1,000.00            | -1,000.00            | 0.0%         |
| 5130 · Insurance                     | 0.00              | 97,000.00           | -97,000.00           | 0.0%         |
| 5132 · Legal                         | 2,052.90          | 20,000.00           | -17,947.10           | 10.3%        |
| 5133 · Accounting                    | 0.00              | 22,000.00           | -22,000.00           | 0.0%         |
| 5134 · Ambulance Billing Service     | 3,217.25          | 30,000.00           | -26,782.75           | 10.7%        |
| 5135 · Election                      | 36.05             | 25,000.00           | -24,963.95           | 0.1%         |
| 5140 · Office Supplies & Expenses    | 191.14            | 9,000.00            | -8,808.86            | 2.1%         |
| 5150 · Fuel                          | 2,518.61          | 20,000.00           | -17,481.39           | 12.6%        |
| 5151 · Dues & Subscriptions          | 7,817.88          | 23,000.00           | -15,182.12           | 34.0%        |
| 5152 · Postage & Shipping            | 76.71             | 1,500.00            | -1,423.29            | 5.1%         |
| 5153 · Computer Supplies & Equipment | 0.00              | 2,300.00            | -2,300.00            | 0.0%         |
| 5154 · Technology Subscriptions      | 1,809.97          | 62,000.00           | -60,190.03           | 2.9%         |
| 5155 · Vehicle/Building Security     | 0.00              | 5,000.00            | -5,000.00            | 0.0%         |
| 5156 · Meetings                      | 1,193.63          | 15,000.00           | -13,806.37           | 8.0%         |
| 5160 · Emergency Management          | 0.00              | 1,000.00            | -1,000.00            | 0.0%         |
| 5170 · Strategic Planning            | 0.00              | 10,000.00           | -10,000.00           | 0.0%         |
| 5171 · Consulting                    | 0.00              | 50,000.00           | -50,000.00           | 0.0%         |
| 5180 · Public Outreach               | 154.56            | 50,000.00           | -49,845.44           | 0.3%         |
| 5181 · Website                       | 1,500.00          | 15,000.00           | -13,500.00           | 10.0%        |
| 5182 · Translation                   | 0.00              | 1,000.00            | -1,000.00            | 0.0%         |
| 5183 · Fire/EMS Prevention           | 0.00              | 8,000.00            | -8,000.00            | 0.0%         |
| 5184 · Fire Mitigation Projects      | 15,497.50         | 125,000.00          | -109,502.50          | 12.4%        |
| 5190 · Vending Machine               | 0.00              | 2,000.00            | -2,000.00            | 0.0%         |
| <b>Total 5100 · Administration</b>   | <b>36,066.20</b>  | <b>761,861.00</b>   | <b>-725,794.80</b>   | <b>4.7%</b>  |
| <b>5400 · Firefighting</b>           |                   |                     |                      |              |
| 5401 · Wildfire Deployment Expenses  | 2,598.19          | 1,000.00            | 1,598.19             | 259.8%       |
| 5410 · Supplies & Expenses           | 590.81            | 20,000.00           | -19,409.19           | 3.0%         |
| 5411 · Equipment                     | 0.00              | 52,000.00           | -52,000.00           | 0.0%         |
| 5412 · Firefighting PPE              |                   |                     |                      |              |
| 5413 · Structural PPE                | 589.41            |                     |                      |              |
| 5412 · Firefighting PPE - Other      | 0.00              | 18,000.00           | -18,000.00           | 0.0%         |
| <b>Total 5412 · Firefighting PPE</b> | <b>589.41</b>     | <b>18,000.00</b>    | <b>-17,410.59</b>    | <b>3.3%</b>  |
| 5419 · Subscriptions                 | 565.00            | 30,000.00           | -29,435.00           | 1.9%         |
| 5420 · Fuel                          | 1,779.64          | 12,000.00           | -10,220.36           | 14.8%        |
| 5430 · Incident Resources            | 455.39            | 2,500.00            | -2,044.61            | 18.2%        |
| 5432 · Wildfire Supplies & Expenses  | 0.00              | 1,000.00            | -1,000.00            | 0.0%         |
| 5433 · Wildfire Equipment            | 0.00              | 15,000.00           | -15,000.00           | 0.0%         |
| 5439 · IA Program Expenses           | 0.00              | 15,000.00           | -15,000.00           | 0.0%         |
| 5440 · Fire Investigation Supplies   | 0.00              | 1,000.00            | -1,000.00            | 0.0%         |
| <b>Total 5400 · Firefighting</b>     | <b>6,578.44</b>   | <b>167,500.00</b>   | <b>-160,921.56</b>   | <b>3.9%</b>  |
| <b>5500 · Medical</b>                |                   |                     |                      |              |
| 5510 · Supplies & Expenses           | 5,327.56          | 55,000.00           | -49,672.44           | 9.7%         |

## Carbondale & Rural Fire Protection District Income Statement January through December 2025

|  | Jan - Dec 25     | Budget            | \$ Over Budget     | % of Budget  |
|--|------------------|-------------------|--------------------|--------------|
| 5511 · Equipment                       | 0.00             | 2,000.00          | -2,000.00          | 0.0%         |
| 5512 · EMS PPE                         | 0.00             | 3,000.00          | -3,000.00          | 0.0%         |
| 5515 · Infection Control               | 0.00             | 1,000.00          | -1,000.00          | 0.0%         |
| 5519 · Subscriptions                   | 0.00             | 41,700.00         | -41,700.00         | 0.0%         |
| 5520 · Fuel                            | 1,702.41         | 14,000.00         | -12,297.59         | 12.2%        |
| 5530 · Physician Advisor               | 21,600.00        | 21,000.00         | 600.00             | 102.9%       |
| 5540 · Rescue Equipment                | 0.00             | 2,000.00          | -2,000.00          | 0.0%         |
| <b>Total 5500 · Medical</b>            | <b>28,629.97</b> | <b>139,700.00</b> | <b>-111,070.03</b> | <b>20.5%</b> |
| 5600 · Communications                  |                  |                   |                    |              |
| 5610 · Supplies & Expenses             | 28.45            | 19,000.00         | -18,971.55         | 0.1%         |
| 5611 · Equipment                       | 0.00             | 2,000.00          | -2,000.00          | 0.0%         |
| 5612 · Radio Programming Services      | 0.00             | 25,000.00         | -25,000.00         | 0.0%         |
| 5620 · Telephone Service               | 2,987.85         | 23,000.00         | -20,012.15         | 13.0%        |
| 5625 · Cell/Satellite Phones           | 1,026.48         | 17,000.00         | -15,973.52         | 6.0%         |
| 5630 · Communications Center           | 1,514.25         | 50,000.00         | -48,485.75         | 3.0%         |
| <b>Total 5600 · Communications</b>     | <b>5,557.03</b>  | <b>136,000.00</b> | <b>-130,442.97</b> | <b>4.1%</b>  |
| 5700 · Training                        |                  |                   |                    |              |
| 5710 · Medical                         | 274.00           | 6,000.00          | -5,726.00          | 4.6%         |
| 5711 · EMT Program                     | 0.00             | 2,500.00          | -2,500.00          | 0.0%         |
| 5712 · Paramedic Program               | 0.00             | 10,000.00         | -10,000.00         | 0.0%         |
| 5713 · CPR training - public courses   | 0.00             | 2,000.00          | -2,000.00          | 0.0%         |
| 5720 · Fire                            | 555.00           | 30,000.00         | -29,445.00         | 1.9%         |
| 5721 · Wildfire                        | 857.27           | 2,000.00          | -1,142.73          | 42.9%        |
| 5722 · Rescue                          | 0.00             | 5,000.00          | -5,000.00          | 0.0%         |
| 5730 · Administration                  | 7,232.69         | 50,000.00         | -42,767.31         | 14.5%        |
| 5739 · Subscriptions                   | 6,277.00         | 9,000.00          | -2,723.00          | 69.7%        |
| 5740 · Equipment                       | 0.00             | 1,000.00          | -1,000.00          | 0.0%         |
| 5750 · Training Building & Grounds     | 0.00             | 1,000.00          | -1,000.00          | 0.0%         |
| 5760 · Food                            | 38.09            | 3,000.00          | -2,961.91          | 1.3%         |
| 5790 · CMC Fire Academy                | 0.00             | 2,000.00          | -2,000.00          | 0.0%         |
| 5791 · CMC EMT Course                  | 0.00             | 2,000.00          | -2,000.00          | 0.0%         |
| <b>Total 5700 · Training</b>           | <b>15,234.05</b> | <b>125,500.00</b> | <b>-110,265.95</b> | <b>12.1%</b> |
| 5800 · Equipment                       |                  |                   |                    |              |
| 5809 · Vehicle Repairs                 | 911.19           | 20,000.00         | -19,088.81         | 4.6%         |
| 5810 · Vehicle Parts & Supplies        | 3,902.75         | 37,000.00         | -33,097.25         | 10.5%        |
| 5811 · Vehicle Equipment               | 0.00             | 2,000.00          | -2,000.00          | 0.0%         |
| 5812 · Tires                           | 1,298.75         | 13,000.00         | -11,701.25         | 10.0%        |
| 5813 · Equipment Testing               | 0.00             | 35,000.00         | -35,000.00         | 0.0%         |
| 5814 · Shop Supplies                   | 790.02           | 1,000.00          | -209.98            | 79.0%        |
| 5815 · Tools                           | 0.00             | 1,000.00          | -1,000.00          | 0.0%         |
| 5820 · Communications Equipment Repair | 0.00             | 1,000.00          | -1,000.00          | 0.0%         |
| 5830 · Maintenance Subscriptions       | 0.00             | 7,000.00          | -7,000.00          | 0.0%         |
| 5840 · Computer Repairs                | 0.00             | 1,000.00          | -1,000.00          | 0.0%         |
| 5850 · Portable Equipment Repairs      | 0.00             | 500.00            | -500.00            | 0.0%         |
| 5860 · Office Equipment Repairs        | 57.89            | 1,000.00          | -942.11            | 5.8%         |
| <b>Total 5800 · Equipment</b>          | <b>6,960.60</b>  | <b>119,500.00</b> | <b>-112,539.40</b> | <b>5.8%</b>  |
| 5900 · Stations/Buildings              |                  |                   |                    |              |
| 5910 · Utilities                       | 13,900.11        | 126,000.00        | -112,099.89        | 11.0%        |
| 5915 · Internet                        | 1,355.85         | 11,000.00         | -9,644.15          | 12.3%        |
| 5920 · Equipment                       | 2,580.48         | 15,000.00         | -12,419.52         | 17.2%        |

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02/07/25

**Carbondale & Rural Fire Protection District**  
**Income Statement**  
January through December 2025

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|   | Jan - Dec 25       | Budget             | \$ Over Budget     | % of Budget   |
|---|--------------------|--------------------|--------------------|---------------|
| <b>5930 · Maintenance &amp; Repairs</b> | 6,497.65           | 50,000.00          | -43,502.35         | 13.0%         |
| <b>5940 · Supplies</b>                  | 1,520.15           | 25,000.00          | -23,479.85         | 6.1%          |
| <b>Total 5900 · Stations/Buildings</b>  | 25,854.24          | 227,000.00         | -201,145.76        | 11.4%         |
| <b>6000 · Miscellaneous</b>             |                    |                    |                    |               |
| <b>6010 · Miscellaneous</b>             | 0.00               | 1,000.00           | -1,000.00          | 0.0%          |
| <b>6100 · TABOR Emergency Reserves</b>  | 0.00               | 236,448.00         | -236,448.00        | 0.0%          |
| <b>Total 6000 · Miscellaneous</b>       | 0.00               | 237,448.00         | -237,448.00        | 0.0%          |
| <b>Total Expense</b>                    | 843,939.66         | 8,118,054.00       | -7,274,114.34      | 10.4%         |
| <b>Net Income</b>                       | <b>-511,468.57</b> | <b>-284,547.00</b> | <b>-226,921.57</b> | <b>179.7%</b> |

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**RESOLUTION 2025-003**  
**RESOLUTION FOR 2025 REGULAR DISTRICT ELECTION**  
**CARBONDALE & RURAL FIRE PROTECTION DISTRICT**

§32-1-804, §1-13.5, C.R.S.

WHEREAS, the terms of office of Directors Hassig, Kennedy, and Stock Bell shall expire after their successors are elected at the regular special District election to be held on May 6, 2025, (“Election”) and take office; and

WHEREAS, in accordance with the provisions of the Special District Act (“Act”) and the Colorado Local Government Election Code (“Code”), the Election must be conducted to elect three Directors to serve for a term of four (4) years; and

NOW, THEREFORE, be it resolved by the Board of Directors of the Carbondale & Rural Fire Protection District in the Counties of Garfield, Gunnison, and Pitkin, State of Colorado that:

1. The regular election of the eligible electors of the District shall be held on May 6, 2025, between the hours of 7:00 A.M. and 7:00 P.M. pursuant to and in accordance with the Act, Code, and other applicable laws. At the time, three Directors will be elected to serve a four-year term.

2. The Election shall be conducted as a mail ballot election in accordance with all relevant provisions of the Code. The Designated Election Official shall develop a Plan for conducting the mail ballot Election, which will be made available to the public. There shall be no election precinct or polling place. All mail ballots shall be returned to the Designated Election Official’s office.

3. The Board of Directors has designated Jennifer Cutright as the Designated Election Official for the conduct of the election on behalf of the District, who is hereby authorized and directed to proceed with any action necessary or appropriate to effectuate the provisions of this Resolution and the Act, Code, or other applicable laws. The Election shall be conducted in accordance with the Act, Code, and other applicable laws. Among other matters, the Designated Election Official shall publish the call for nominations, appoint election judges as necessary, appoint the Canvass Board, arrange for the required notices of election, and printing of ballots, and direct that all other appropriate actions be accomplished.

4. If other special districts with overlapping boundaries of the District are conducting ballot issue elections on the Election day, the District is required to enter into an intergovernmental agreement with such special districts concerning the preparation and mailing of the TABOR Notice to the active registered electors within the overlapping area. Designated Election Official is authorized to enter into such agreement on behalf of the District.

5. Self-Nomination and Acceptance forms are available at the Designated Election Official’s office located at the above address. All candidates must file a Self-Nomination and Acceptance form with the Designated Election Official no earlier than January 1, 2025, nor later than the close of business (time: 4:30 p.m.) on Friday, February 28, 2025.

6. If the only matter before the electors is the election of Directors of the District and if, at the close of business on March 4, 2025, there are not more candidates than offices to be filled at the Election, including candidates timely filing affidavits of intent no later than March 3, 2025, the Designated Election Official shall cancel the Election and declare the candidates elected. Notice of such cancellation shall be published and posted in accordance with the Code. The Notice and this resolution, signed by the board Chair, shall be filed with the Division of Local Government.

7. If any part or provision of this Resolution is adjudged to be unenforceable or invalid, such judgment shall not affect, impair or invalidate the remaining provisions of this Resolution, it being the Board's intention that the various provisions hereof are severable.

8. Any and all actions previously taken by the Designated Election Official or the Secretary of the Board of Directors or any other persons acting on their behalf pursuant to the Act, the Code or other applicable laws, are hereby ratified and confirmed.

9. All acts, orders, and resolutions, or parts thereof, of the Board which are inconsistent or in conflict with this Resolution are hereby repealed to the extent only of such inconsistency or conflict.

10. The provisions of this Resolution shall take effect immediately.

Adopted and approved this 12<sup>th</sup> day of February, 2025, by the Board of Directors of the Carbondale & Rural Fire Protection District, Garfield, Gunnison, and Pitkin Counties, Colorado.

By: \_\_\_\_\_  
Eugene K. Schilling, President

Attest: \_\_\_\_\_  
Michael Hassig, Secretary/Treasurer



**RESOLUTION SUPPORTING THE GRANT APPLICATION FOR A GRANT FROM  
THE GARFIELD COUNTY FEDERAL  
MINERAL LEASE DISTRICT  
RESOLUTION NO. 2025-004**

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CARBONDALE & RURAL  
FIRE PROTECTION DISTRICT SUPPORTING THE 2025 JOINT GRANT APPLICATION  
FOR A GRANT FROM THE GARFIELD COUNTY FEDERAL MINERAL LEASE  
DISTRICT FOR THE GARFIELD COUNTY FIRE AGENCY REGIONAL STATION  
PAGING PROJECT

**WHEREAS**, the Carbondale & Rural Fire Protection District is a political subdivision of the State of Colorado, and therefore an eligible applicant for a grant awarded by the Garfield County Federal Mineral Lease District (“GCFMLD”); and

**WHEREAS**, the Carbondale & Rural Fire Protection District has joined with Colorado River Fire Rescue, Glenwood Springs Fire Department, and Grand Valley Fire Protection District to submit a Grant Application for the Garfield County Fire Agency Regional Station Paging Project requesting a total award of \$700,000; and

**WHEREAS**, the Carbondale & Rural Fire Protection District supports the completion of the project if a grant is awarded by the GCFMLD.

**NOW, THEREFORE**, BE IT RESOLVED BY THE BOARD OF DIRECTORS THAT:

1. The above recitals are hereby incorporated as findings by the Board of Directors.
2. The Board of Directors strongly supports the Joint Grant Application submitted by Carbondale & Rural Fire Protection District, Colorado River Fire Rescue, Glenwood Springs Fire Department, and Grand Valley Fire Protection District and has appropriated matching funds for a grant with Garfield County Federal Mineral Lease District.
3. The Board of Directors of the Carbondale & Rural Fire Protection District authorizes the expenditure of funds necessary to meet the terms and obligations of any grant awarded pursuant to a Grant Agreement with the GCFMLD.
4. The project site is owned by Carbondale & Rural Fire Protection District and will be owned by Carbondale & Rural Fire Protection District for the next 25 years. The Board of Directors of the Carbondale & Rural Fire Protection District will continue to maintain Garfield County Fire Agency Regional Station Paging Project in a high-quality condition and will appropriate funds for maintenance annually.
5. If a grant is awarded, the Board of Directors hereby authorizes the President of the Board of Directors to sign a Grant Agreement with the GCFMLD

The effective date of this Resolution is the date passed and approved below.

**INTRODUCED, READ, AND ADOPTED** this 12<sup>th</sup> day of February, 2025.

**CARBONDALE & RURAL FIRE PROTECTION DISTRICT**

By: \_\_\_\_\_  
Eugene K. Schilling, President

ATTEST:

\_\_\_\_\_  
Michael Hassig, Secretary/Treasurer



# **CARBONDALE & RURAL FIRE PROTECTION DISTRICT**

## *Standards of Response Coverage January 2025*

Standards of Response Coverage is a comprehensive report that highlights community demographics, risk, resource deployment, concentration of personnel, and response reliability. The report provides a valuable review of past performance and offers strategic recommendations for ensuring safe and effective emergency response.

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# Executive Summary

The following serves as the Carbondale & Rural Fire Protection District (CRFPD) Standards of Response Coverage document. The terms Standards of Response Coverage, Standard of Cover and SOC all mean this document. The Center for Public Safety Excellence (CPSE) defines the process, known as deployment analysis, as written procedures that determine the distribution and concentration of fixed and mobile resources of an organization. The purpose for completing such a document is to assist the organization in ensuring a safe and effective response force for structural and wildland fire suppression, emergency medical services, and specialized response situations.


Creating a Standard of Cover document requires that a number of areas be researched, studied, and evaluated. The following report will begin with an overview, the plan will discuss areas such as risk assessment, critical task analysis, agency service level objectives, and distribution and concentration measures. The report will provide documentation of reliability studies and historical performance through charts and graphs. The report will conclude with policy recommendations.

Carbondale & Rural Fire Protection District currently has 33 full-time positions. The positions are Fire Chief, Deputy Chief, Prevention Division Chief, Training Division Chief, Administration Deputy Chief, Human Resources Director, Maintenance Coordinator, EMS Assistant Chief, Prevention Assistant Chief, IT Director, Office Manager, two training division positions, a maintenance position, and 19 firefighter/EMT positions on three 24-hour shifts. Along with the paid staff, the district has 35 volunteer firefighters and EMTs who provide staffing for incident response at five fire stations in the district.

CRFPD provides structural and wildland fire suppression, emergency medical services, rescue, fire prevention and public education services, along with emergency preparedness services to the communities within Carbondale & Rural Fire Protection District. In 2017, the population served is approximately 16,000 people encompassing the communities of Carbondale, Redstone and Marble along with significant populations in the unincorporated "West End" and Missouri Heights areas of the district. CRFPD's current Insurance Services Office (ISO) rating is a Class 3.

The risk factors specific to the District that were analyzed include: topography, water supply, geographical area served and transportation systems. In addition, risk factors including life hazard, special hazards, wildland fire hazards, water supply and building construction and usage were examined to further evaluate community risk levels.

In conclusion, this Standard of Cover is a dynamic document that reflects the changing needs of the Carbondale & Rural Fire Protection District and serves as a mechanism for constantly seeking opportunities for improvement. It is a key element in our plan to reduce risk to our residents and visitors. We are committed to providing the most effective services in a fiscally responsible manner and to continually evaluate our performance in the constant pursuit of improvement.





# Introduction


## **What is a Standard of Cover?**


The purpose of the Standard of Cover is to assist Carbondale & Rural Fire Protection District in ensuring a safe and effective response force for fire suppression, Emergency Medical Services (EMS), and other responses. For this document Carbondale & Rural Fire Protection District may be referred to as “District”, “Carbondale Fire District” or “CRFPD”. Additionally, the terms Standards of Response Coverage, Standard of Cover and SOC all mean this document. The SOC is a baseline tool for defining emergency performance standards, provides a basis for continually measuring performance improvements over time, and is a guide to policy decisions dealing with resource procurement and allocation. Also it provides a basis to evaluate the risk assessment and ensure there are adequate resources to address those risks.

As the community changes, District leaders will have a valuable tool to assist with defining appropriate levels of service. There have been many attempts in the fire service to create a standard methodology for determining the exact number of firefighters, configuration of firefighters (career, combination or volunteer), fire stations, or fire inspectors for the community needs. However, the differences in fire service challenges in each community have made it clear that there is not a “one-size-fits-all” solution. The variety of risks and levels of hazards that exist in the CRFPD communities will determine the evaluation, design and development of an all hazards response system that identifies service levels that are safe, efficient and effective. The emergency response capabilities should be evaluated using National Fire Protection Association’s Standard 1720 Standards for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations and Special Operation to the Public by Volunteer Fire Department as a guideline.

Attempts to control an emergency before it has reached its maximum intensity requires geographic dispersion and clustering of resources near service delivery points for maximum effectiveness against the greatest number and types of risk.

Not all areas of exposures within the District are equal. Some types of emergencies, such as multiple car collisions, working structure fires, wildland fires, and serious medical/trauma events require a prompt arrival of adequate resources to control the scene, perform rescue operations, and provide high level medical care. High-risk occupancies require timely arrival of fire companies to rescue occupants or to control the emergency. More resources are required to rescue people trapped in a high-risk building with a high occupancy load than would be needed in a low-risk building with a low occupancy load. More resources are required to control fires in large, heavily loaded structures than are needed for fires in small buildings with limited contents. Remote areas of the District are outside the ability to provide adequate response





time, due to the locations of risks, but emergencies in these areas are a small percentage of the incidents. The SOC defines these risks and will assist the District in developing plans to mitigate them.

It is also understood that there is a cost to improving the deployment system. It is not financially feasible to put a fire station in every subdivision, but the SOC will determine the level of services that are within the present capability of the District.

Therefore, creating a SOC consists of an evaluation of the placement of resources (number, type and location) in relation to the potential demand placed on them by the type of risk and historical needs in the community. Furthermore, if the SOC is to be meaningful to the community, the outcome must demonstrate that lives are saved and properties are protected.

The SOC is a living document and will need to evolve over time. As the data becomes available, the changes should be tracked to ensure effectiveness.







# Community and District Baseline

## Mission Statement

To Forge a Legacy of Superb Service and Partnerships Rooted in Love and Excellence


## Vision Statement


It is the vision of Carbondale & Rural Fire Protection District to create a leading all-hazards emergency service organization. By developing exceptional personnel and maintaining partnerships, we will deliver outstanding service to our communities while ensuring fiscal sustainability and continuing our People First culture

## History of Carbondale & Rural Fire Protection District

Carbondale & Rural Fire Protection District was founded in 1953 as an all-volunteer fire department and remained as such until 1980 when the first paid fire chief was hired to lead the organization. The District began providing modern ambulance service with volunteer EMT-Basics in 1978. In the early 1980s, the Colorado EMT-Intermediate certification program was institutionalized and some Carbondale volunteers began the slow, methodical change to providing Advanced Life Support Services to the community. Dr. Michael Stahl was recruited as the District's Physician Advisor in the early 1980s and remained in that position until the end of 2024. The District operates four ambulances staffed and equipped to Advanced Life Support standards including at least one EMT-Paramedic (EMT-P) on every emergency call.

Over the years, the ever-increasing demand and expectations of the public for advanced level emergency medical services has driven the need for more career EMTs and Paramedics at CRFPD. The same demands for service have driven the need for additional career firefighter positions at CRFPD. All District operations are managed by a Deputy Chief in charge of operations. Additionally, there are Deputy and Division Chief positions for the administrative, maintenance, training and prevention divisions. Service demands on the District have driven the need for additional professional positions, including assistant chief positions in the Operations and Prevention divisions, and additional staffing in the training division. A full-time Human Resources director position was created in 2023 due to the demands placed on the administrative division. An IT Director position was established in late 2023. A professional Office Manager/Assistant Finance Director position was established due to the development of the HR department in early 2024.





Currently the District supports 33 full time positions and 35 volunteer firefighters and EMTs. Throughout its history, CRFPD has maintained its culture of “The Volunteer Spirit” and depends heavily on the community volunteers to deliver a high level of fire protection and emergency medical services to the community.

### **Governance of the District**

Carbondale & Rural Fire Protection District was established on January 10, 1955, as a quasi-municipal corporation and is a political subdivision of the State of Colorado. The District was created by court order to serve areas of Garfield, Gunnison, and Pitkin Counties. As a political subdivision, Carbondale & Rural Fire Protection District is afforded the governing authorities and responsibilities authorized under Title 32 Article 1, Colorado Revised Statutes. Because of its status as a political subdivision of the state, CRFPD is required to provide reports to other state agencies.

As a Special District, Carbondale & Rural Fire Protection District is not unique. According to the Special District Association of Colorado, currently there are more than 3,000 Special Districts in the state. Special Districts are believed to be an effective and efficient methodology by which to fund services without straining other types of infrastructure. A unique benefit of the Special District is the ability of the taxpayer to determine the specific levels of service provided by the District and fund those services accordingly.


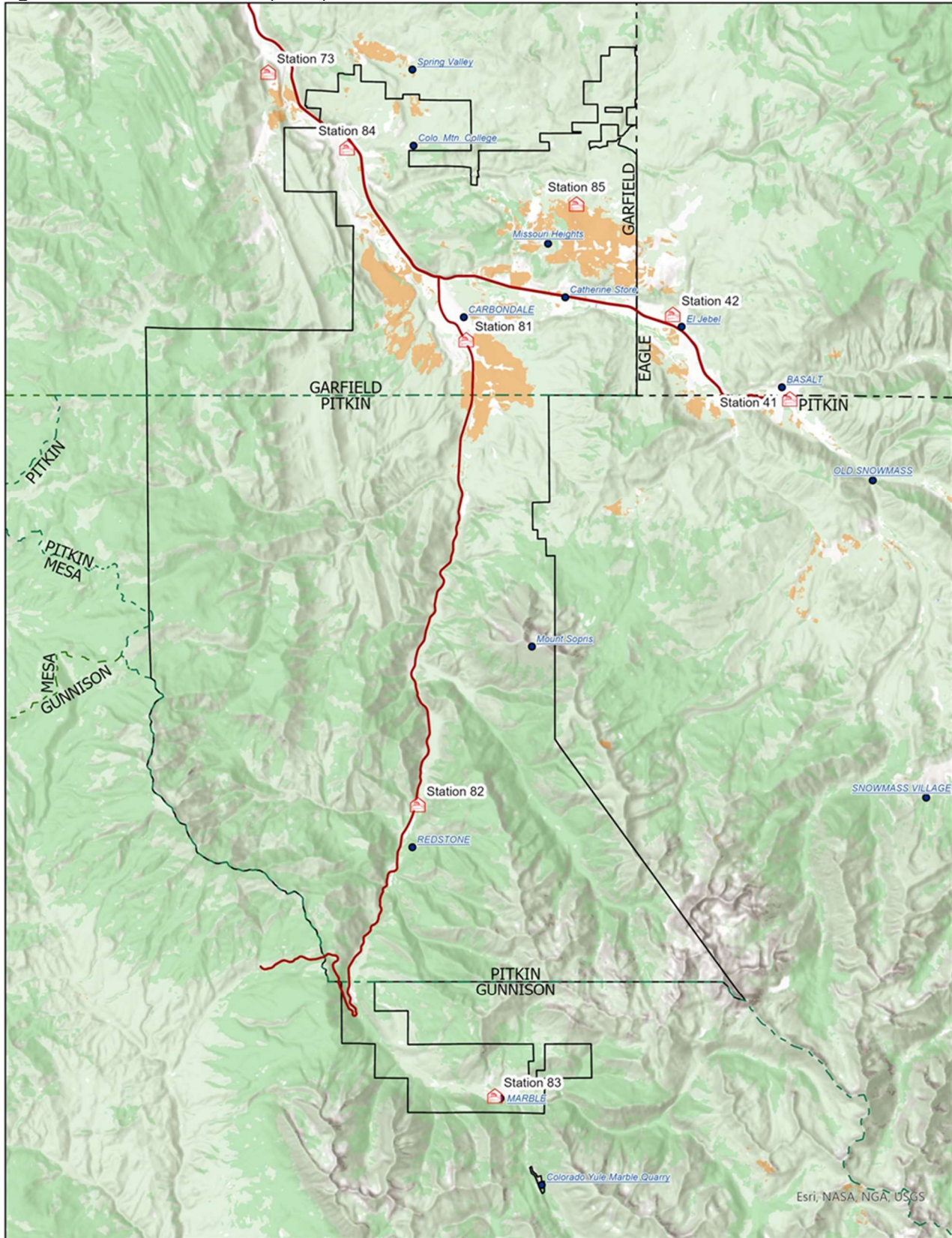


Figure 1 - District Boundary Map





# Community Overview and Risk Assessment

## **Response Types**

Carbondale & Rural Fire Protection District responds to all emergency calls for assistance in the District. These responses include: emergency medical service (basic and advanced life support), structure fires, wildland fires, vehicle fires, rubbish fires, technical rescue (auto extrication, swift water rescue, high and low angle rescue, backcountry rescue, and structural collapse), and hazardous materials incidents.

The District also responds to a variety of non-emergent service calls such as utility calls, smoke reports, odor investigations, fire alarms and alarm resets, citizen assists, and assistance to law enforcement. In addition, the District performs a significant number of EMS standbys for special events throughout the year. The District is continuously looking to add response capabilities as new risks become known.

## **Incident Types**

Response requests are categorized in three main Incident Types – Fire, EMS, and Other based on dispatch activity descriptions. As shown in Figure 2, the majority of calls are medical (EMS) in nature. Service demand is currently driven by distribution of population rather than the characteristics of fixed real property. Human beings are highly mobile, thus the demand for service in a particular area may change frequently depending upon the time of day, day of week, specific season or event, or as other significant and long-term demographic shifts occur.




Figure 2 - Incident Types

|                                  | 2021        | %              | 2022        | %              | 2023        | %              |
|----------------------------------|-------------|----------------|-------------|----------------|-------------|----------------|
| <b>Building Fires</b>            | 8           | 0.57%          | 7           | 0.44%          | 10          | 0.58%          |
| <b>Vehicle Fires</b>             | 5           | 0.36%          | 3           | 0.19%          | 9           | 0.52%          |
| <b>Wildland Fires</b>            | 6           | 0.43%          | 3           | 0.19%          | 6           | 0.35%          |
| <b>Other Fires</b>               | 6           | 0.43%          | 11          | 0.69%          | 1           | 0.06%          |
| <b>Total Fires</b>               | <b>25</b>   | <b>1.79%</b>   | <b>24</b>   | <b>1.51%</b>   | <b>26</b>   | <b>1.50%</b>   |
| <b>Rescue / EMS</b>              | 687         | 49.25%         | 788         | 49.56%         | 883         | 51.04%         |
| <b>Total EMS / Rescue</b>        | <b>687</b>  | <b>49.25%</b>  | <b>788</b>  | <b>49.56%</b>  | <b>883</b>  | <b>51.04%</b>  |
| <b>False Alarms</b>              | 184         | 13.19%         | 190         | 11.95%         | 202         | 11.68%         |
| <b>Mutual aid Given</b>          | 9           | 0.65%          | 12          | 0.75%          |             | 0.00%          |
| <b>Hazmat Responses</b>          | 38          | 2.72%          | 30          | 1.89%          | 25          | 1.45%          |
| <b>Other Hazardous Responses</b> | 24          | 1.72%          | 28          | 1.76%          | 15          | 0.87%          |
| <b>All Other Responses</b>       | 428         | 30.68%         | 518         | 32.58%         | 579         | 33.47%         |
|                                  | <b>683</b>  | <b>59.08%</b>  | <b>778</b>  | <b>67.30%</b>  | <b>821</b>  | <b>71.02%</b>  |
| <b>Total All Incidents</b>       | <b>1395</b> | <b>100.00%</b> | <b>1590</b> | <b>100.00%</b> | <b>1730</b> | <b>100.00%</b> |

### **Number of Stations & Mutual/Automatic Aid**

Carbondale & Rural Fire Protection District currently has five stations located in the District. Carbondale Fire has six engines, two ladder or "truck" apparatus, four ambulances, one medical "squad" with ALS capability, one swift water/rope rescue vehicle, five water tenders, and three brush trucks. The District also has several utility/command vehicles and one communications trailer for larger incidents and special events.

Carbondale Fire operates and responds from five fire stations located around the District. CRFPD's varied geography, demographics, and community types present unique challenges to providing adequate response everywhere throughout the District.

Community makeup in CRFPD runs the gamut from urban/suburban to commercial, rural, agricultural and even backcountry areas. Each of these areas require differing levels of staffing, equipment and even location/density of fire stations to ensure appropriate levels of response to emergencies. As a result, response times can vary considerably depending on the type of incident, location and availability of responders at a particular time.

The geography of CRFPD plays a significant role in affecting response in the District. Approximately 60 square miles of the land in the fire district contain areas that are designated as high and even extreme risk of wildland fire. Approximately 900 homes are located in these high and extreme areas of the Wildland/Urban Interface (WUI). Historically, CRFPD has responded to a number of significant wildland fires in the District and surrounding area. A number of these fires have been extremely serious and devastating to the area and people involved.

Wildland fire response is a critical part of what CRFPD does. Carbondale Fire District's mission has always been to "try to keep small fires small", as even a fairly moderate wildland fire will quickly strip the resources of any fire department and require a broad and expensive response

that can take days or weeks to mitigate.

Carbondale & Rural Fire Protection District participates in the following mutual and automatic aid agreements:

- 11/5/1997 - Northwest Colorado Mutual Aid Operations Plan; includes jurisdictions from Eagle, Garfield, Grand, Pitkin, Lake, Rio Blanco, Routt and Summit Counties
- 8/13/2002 - Automatic Aid Agreement between Carbondale & Rural Fire Protection District and Basalt & Rural Fire Protection District (now known as Roaring Fork Fire Rescue Authority)
- 8/10/2011 - Intergovernmental Mutual Aid & Automatic Aid Assistance Agreement; includes the Aspen Fire Protection District, Aspen Ambulance District, Basalt & Rural Fire Protection District, Carbondale & Rural Fire Protection District, Snowmass-Wildcat Fire Protection District and Pitkin County Sheriff.
- 6/22/2021 - Colorado Senate Bill 166, created the Colorado Coordinated Regional Mutual Aid System (CCRMAS). Unless an emergency responder has opted out, the system automatically includes all emergency responders in Colorado.
- 7/13/2022 - Intergovernmental Agreement Regarding Automatic Aid for Emergency Service between Carbondale & Rural Fire Protection District, Glenwood Springs Rural Fire Protection District, City of Glenwood Springs.
- Annual - Garfield County & Pitkin County Wildland Fire Operating Plan; annual plans between the County Sheriffs, the Colorado Division of Fire Prevention and Control, the Bureau of Land Management and the United States Forest Service.

### **Automatic Aid with City of Glenwood Springs/Glenwood Rural Fire Protection District**

Standard Operating Guidelines have been established for four dispatch area zones (Zones 5-8):

- Zone 5 (7384) has been established as Highway 82 between Buffalo Valley and MM5 (old County Road 154). Station 73 is 1<sup>st</sup> due; Station 84 is 2<sup>nd</sup> due.
- Zone 6 (8473) has been established as Highway 82 between MM5 (old County Road 154) and MM 7.5. This includes all properties in zone immediately accessible off Highway 82. Zone 6 includes FedEx, Riverview School, Westbank, Westbank Mesa, Iron Bridge (to the 1700 block of County Road 109), and Pinyon Mesa. Station 84 is 1<sup>st</sup> due; Station 73 is 2<sup>nd</sup> due.
- Zone 7 (7381) has been established including Dry Park Rd (County Road 125) to the intersection with County Road 108. Station 73 is 1<sup>st</sup> due; Station 81 is 2<sup>nd</sup> due.
- Zone 8 (8473) has been established as Spring Valley under the assumption that Red Canyon Road is unpassable. This automatic aid zone encompasses all of Spring Valley and into the Cattle Creek (CR 113) area including the intersection of CR 113 and CR 112. Station 84 is 1<sup>st</sup> due; Station 73 is 2<sup>nd</sup> due.



## **Automatic Aid with Roaring Fork Fire Rescue**

Roaring Fork Fire Rescue (RFFR) Station 42 is the 1<sup>st</sup> due station to areas that were originally identified as more than five miles from CRFPD Station 81. These areas along State Highway 82 that are east of Catherine Store, would otherwise have an Insurance Service Office (ISO) protection classification of ten (PC-10). As a result of the automatic aid agreement, these areas receive a protection classification of three (PC-3).

Provided that improved notification can be established for RFFR from the Garfield County 911 PSAP, the automatic aid areas with RFFR could be enlarged to improve response to the east end of Garfield County.

## **Wildland Fire Reciprocal (Mutual Aid) Fire Assistance**

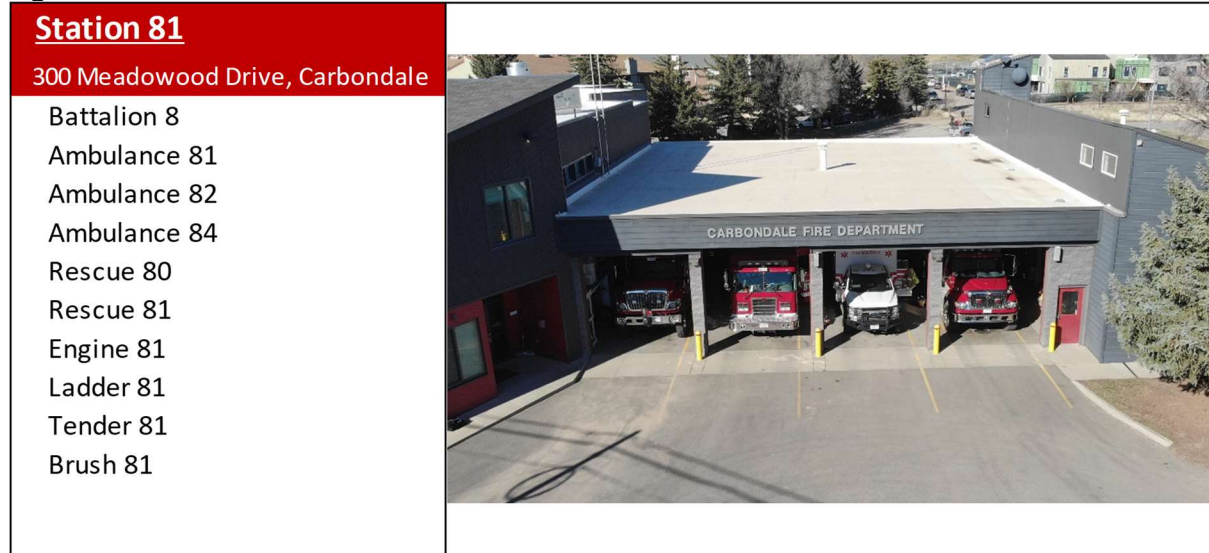
Mutual Aid Zone - Mutual aid is considered county-wide.

Mutual Aid Period - The mutual aid period is defined as the time of initial dispatch and ends at either midnight of the first operational period or midnight of the second operational period. All mutual aid periods will preferably end at midnight for ease of financial accounting and the development of cost share agreements. Agencies are responsible for their own costs during the mutual aid time period. It is understood that no agency will be required or expected to commit its forces through mutual aid to assist another agency to the extent of jeopardizing the security or responsibilities of its own jurisdiction.

Mutual Aid Resources - All ground and aviation resources are considered mutual aid resources.

Mountain Area Mutual Aid (MAMA) - The Mountain Area Mutual Aid Operating Plan establishes mutual aid between local Fire and EMS Agencies within Eagle, Garfield, Grand, Lake, Pitkin, Rio Blanco, Routt and Summit Counties in the Mountain Area Region. When Mountain Area Mutual Aid is implemented, an Agency Representative (AREP) may be assigned to the incident to facilitate the tracking and allocation of MAMA resources and coordinate with the agency(s) having jurisdiction. Resources who respond under MAMA may be assigned to the incident and placed on a resource order for extended attack if needed and available in Interagency Resource Ordering Capability (IROC).

Figure 3 - Station 81



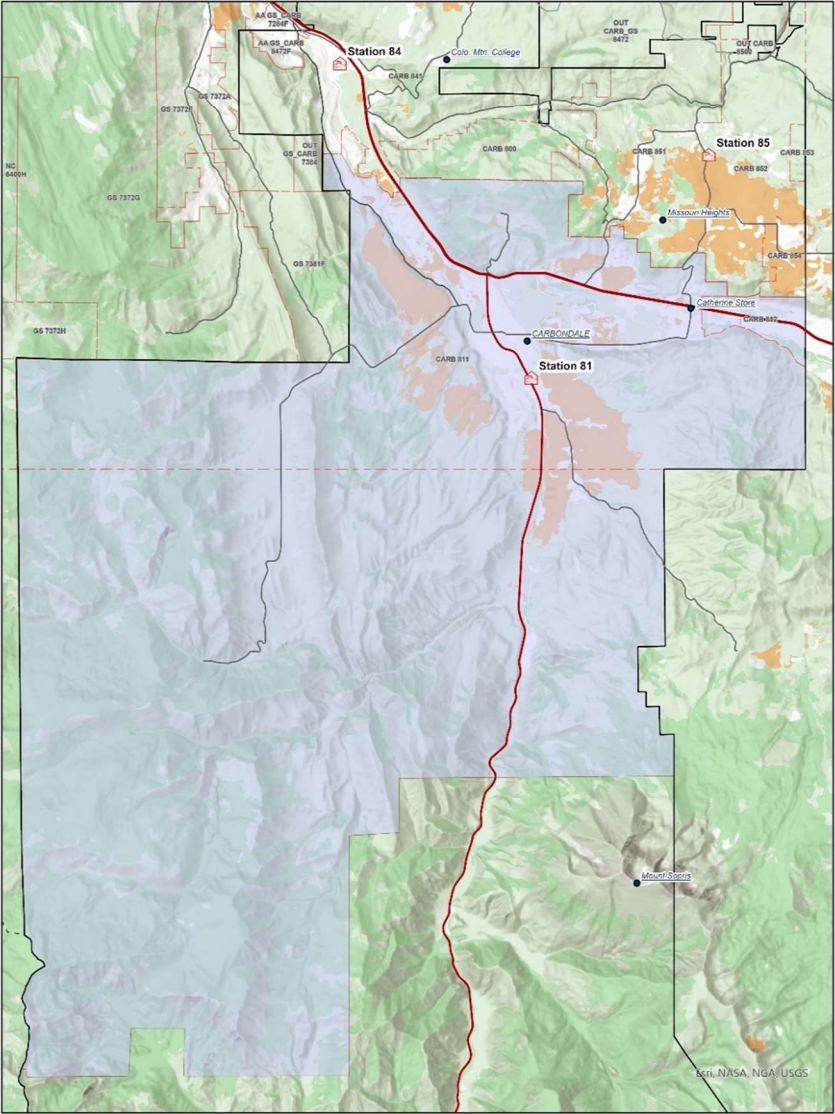
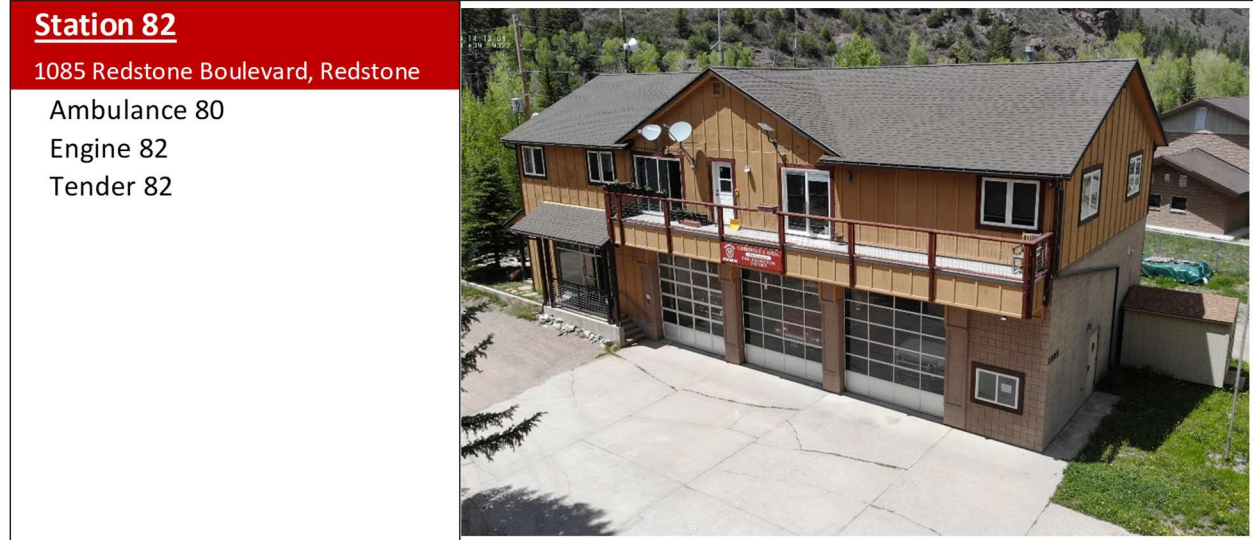
|  |   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
|--|---|------------|-----|------|----|-------------------|---|--------------------|----|--------------|----|------------------|-----|------------|-----|-------|
| Primary Response Area: 142.4 Sq. Miles   |  |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| 2020 Population: 9,956   |   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| 2024 Assessed Value: \$ 62,634,155   |   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| <b>Calls in 2023</b>   |   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| <table border="1"> <tr> <td>EMS Rescue</td> <td style="text-align: right;">703</td> </tr> <tr> <td>Fire</td> <td style="text-align: right;">19</td> </tr> <tr> <td>Rupture/Explosion</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Hazardous Conditio</td> <td style="text-align: right;">35</td> </tr> <tr> <td>Service Call</td> <td style="text-align: right;">65</td> </tr> <tr> <td>Good Intent Call</td> <td style="text-align: right;">211</td> </tr> <tr> <td>False Call</td> <td style="text-align: right;">181</td> </tr> <tr> <td>Other</td> <td style="text-align: right;">5</td> </tr> </table> |   | EMS Rescue | 703 | Fire | 19 | Rupture/Explosion | 0 | Hazardous Conditio | 35 | Service Call | 65 | Good Intent Call | 211 | False Call | 181 | Other |
| EMS Rescue   | 703   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| Fire   | 19  |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| Rupture/Explosion  | 0   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| Hazardous Conditio   | 35  |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| Service Call   | 65  |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| Good Intent Call   | 211   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| False Call   | 181   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| Other  | 5   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |
| Table 3.2  |   |            |     |      |    |                   |   |                    |    |              |    |                  |     |            |     |       |



Figure 4 - Station 82



|  |           |
|--|-----------|
| <b>Station 82</b>                      |           |
| 1085 Redstone Boulevard, Redstone      |           |
| Ambulance 80                           |           |
| Engine 82                              |           |
| Tender 82                              |           |
| Primary Response Area: 106.4 Sq. Miles |           |
| 2020 Population: 625                   |           |
| 2024 Assessed Value: \$ 41,733,650     |           |
| <b>Calls in 2023</b>                   | <b>45</b> |
| EMS Rescue                             | 28        |
| Fire                                   | 1         |
| Rupture/Explosion                      | -         |
| Hazardous Condition                    | 2         |
| Service Call                           | 2         |
| Good Intent Call                       | 7         |
| False Call                             | 3         |
| Other                                  | 2         |

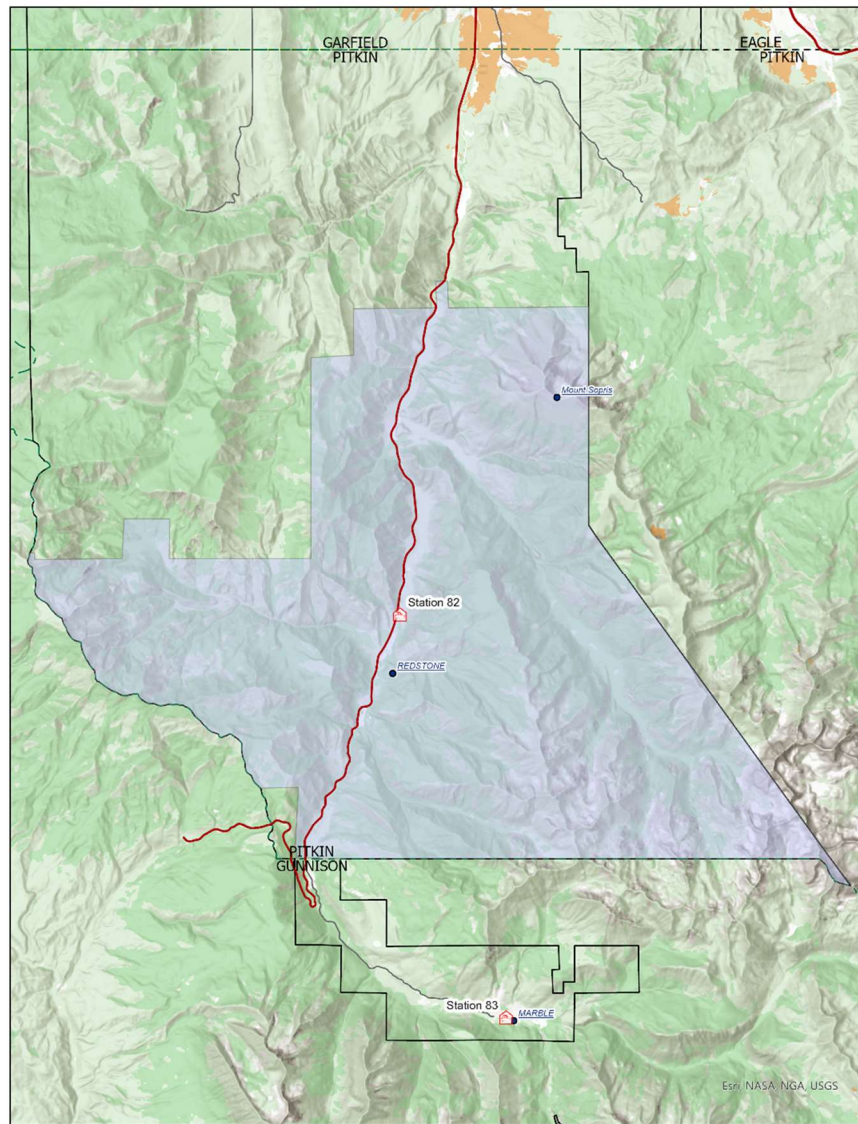
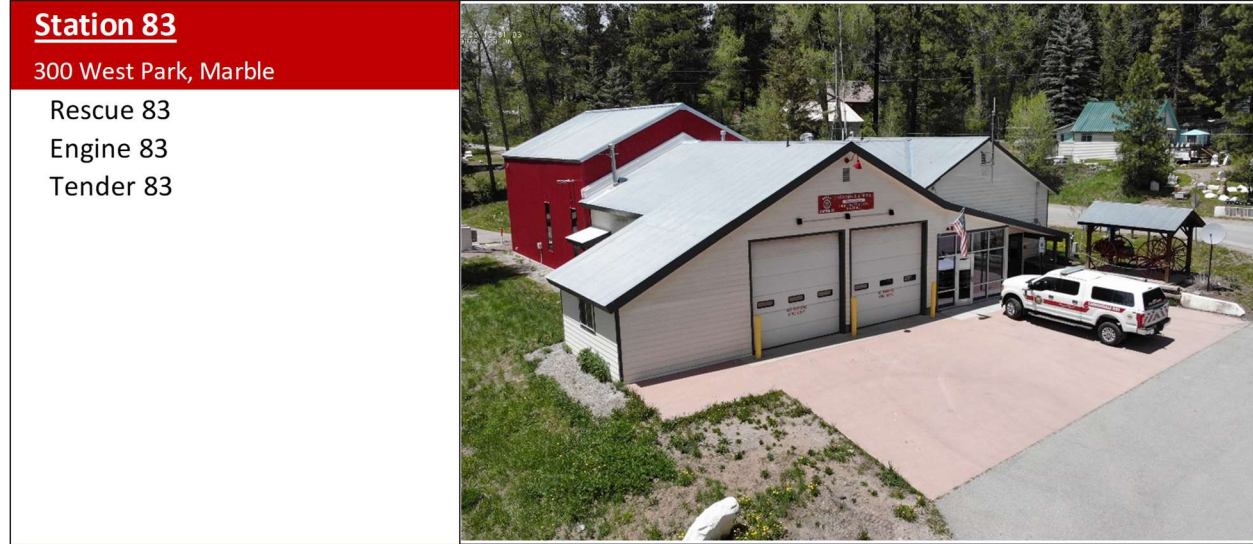


Table 3.3

Figure 5 - Station 83



|                                       |           |
|---------------------------------------|-----------|
| <b>Station 83</b>                     |           |
| 300 West Park, Marble                 |           |
| Rescue 83                             |           |
| Engine 83                             |           |
| Tender 83                             |           |
| Primary Response Area: 12.7 Sq. Miles |           |
| 2020 Population: 214                  |           |
| 2024 Assessed Value: \$ 24,086,420    |           |
| <b>Calls in 2023</b>                  | <b>32</b> |
| EMS Rescue                            | 15        |
| Fire                                  | 2         |
| Rupture/Explosion                     | -         |
| Hazardous Condition                   | -         |
| Service Call                          | 5         |
| Good Intent Call                      | 5         |
| False Call                            | 4         |
| Other                                 | 1         |

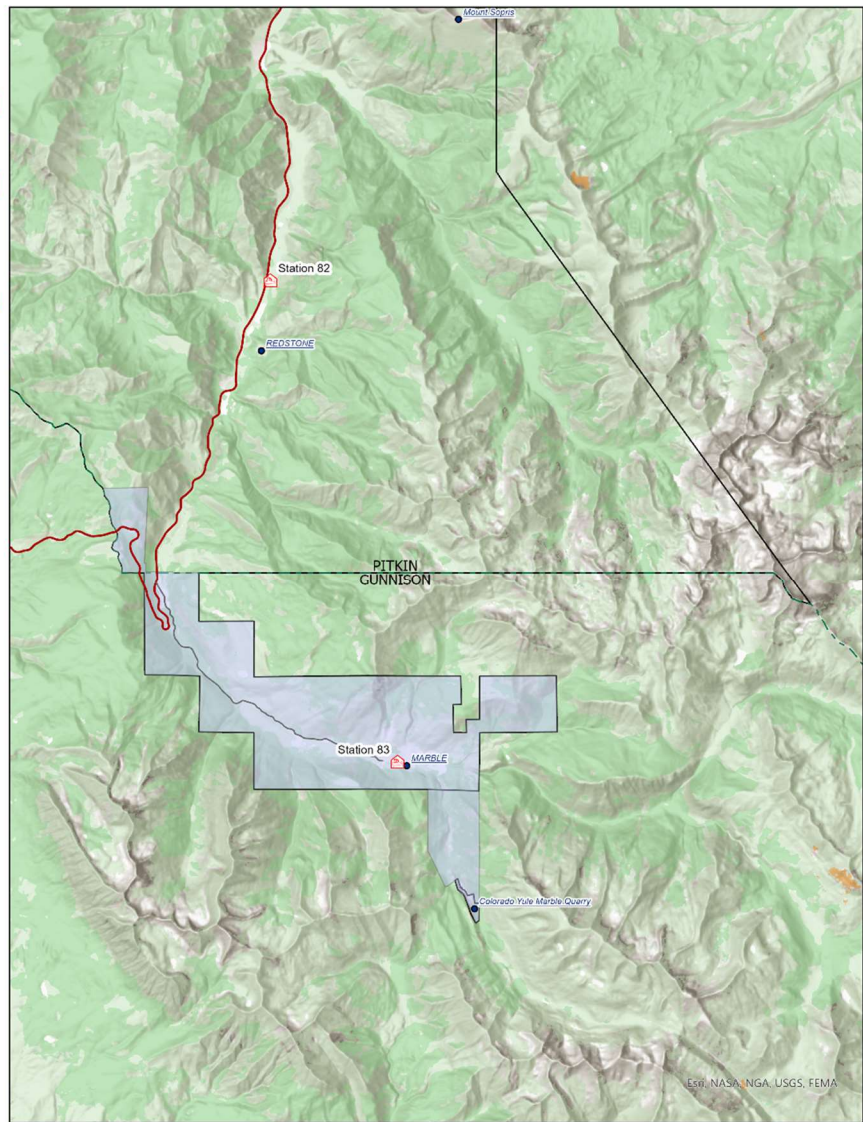


Table 3.4

Figure 6 - Station 84

**Station 84**  
 5449 County Rd 154, Glenwood Springs

- Ambulance 84
- Engine 84
- Ladder 84
- Brush 84
- Tender 84



|                                       |            |
|---------------------------------------|------------|
| Primary Response Area: 16.4 Sq. Miles |            |
| 2020 Population: 3,357                |            |
| 2024 Assessed Value: \$ 106,254,458   |            |
| <b>Calls in 2023</b>                  | <b>261</b> |
| EMS Rescue                            | 124        |
| Fire                                  | 7          |
| Rupture/Explosion                     | -          |
| Hazardous Condition                   | 8          |
| Service Call                          | 9          |
| Good Intent Call                      | 44         |
| False Call                            | 28         |
| Other - Mutual Aid GWS                | 41         |

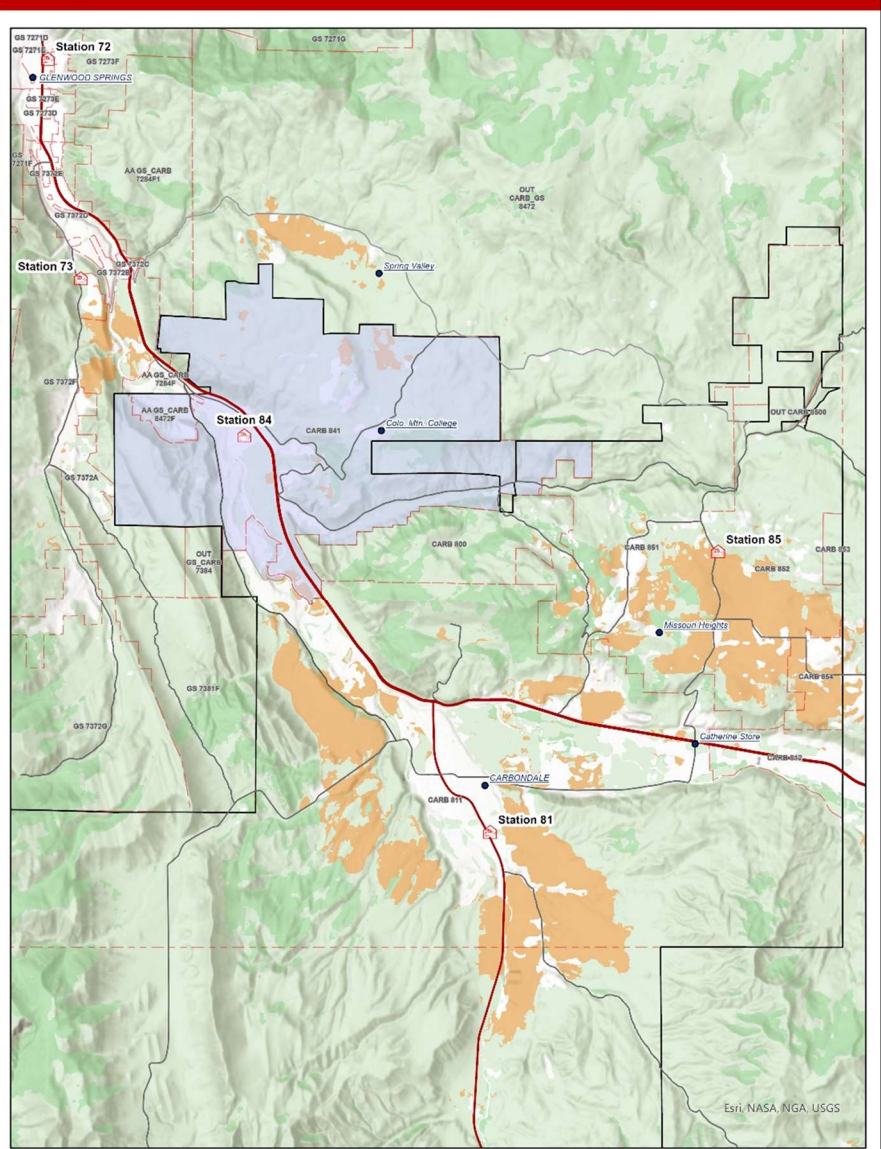
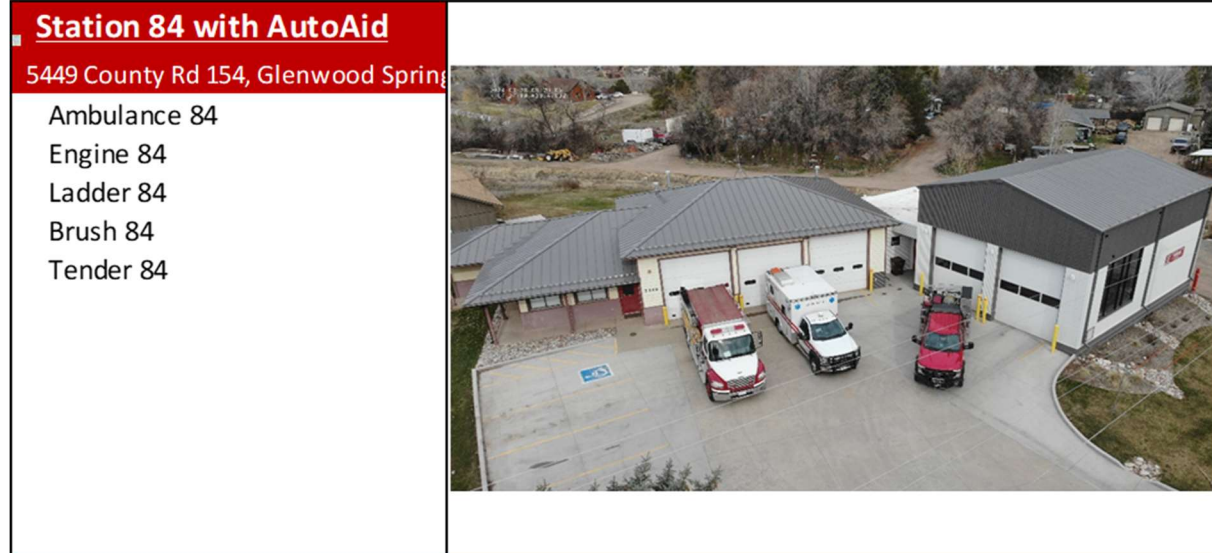


Table 3.5

Figure 7 - Station 84 with Automatic Aid



|   |            |
|---|------------|
| <b>Station 84 with AutoAid</b>                |            |
| 5449 County Rd 154, Glenwood Springs          |            |
| Ambulance 84                                  |            |
| Engine 84                                     |            |
| Ladder 84                                     |            |
| Brush 84                                      |            |
| Tender 84                                     |            |
| <b>Primary Response Area: 80.52 Sq. Miles</b> |            |
| <b>2020 Population: 3,357</b>                 |            |
| <b>2024 Assessed Value: \$ 134,944,859</b>    |            |
| <b>Calls in 2023</b>                          | <b>245</b> |
| EMS Rescue                                    | 137        |
| Fire  | 7          |
| Rupture/Explosion                             | -          |
| Hazardous Condition                           | 9          |
| Service Call                                  | 13         |
| Good Intent Call                              | 49         |
| False Call                                    | 30         |

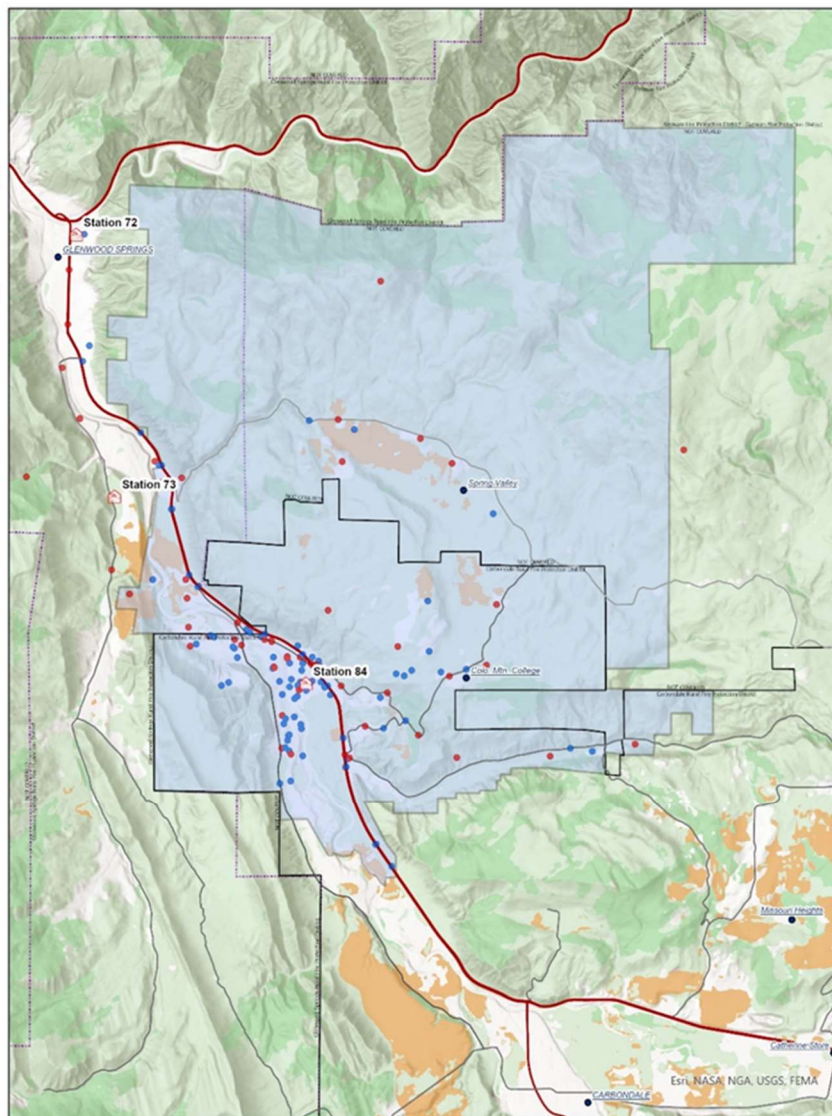


Table 3.6

Figure 8 - Station 85

**Station 85**  
 6986 County Road 100, Carbondale  
 Engine 85  
 Tender 85



|                                       |           |
|---------------------------------------|-----------|
| Primary Response Area: 22.1 Sq. Miles |           |
| 2020 Population: 1,542                |           |
| 2024 Assessed Value: \$ 58,768,776    |           |
| <b>Calls in 2023</b>                  | <b>80</b> |
| EMS Rescue                            | 35        |
| Fire                                  | 2         |
| Rupture/Explosion                     | -         |
| Hazardous Condition                   | 1         |
| Service Call                          | -         |
| Good Intent Call                      | 37        |
| False Call                            | 6         |
| Other                                 | -         |

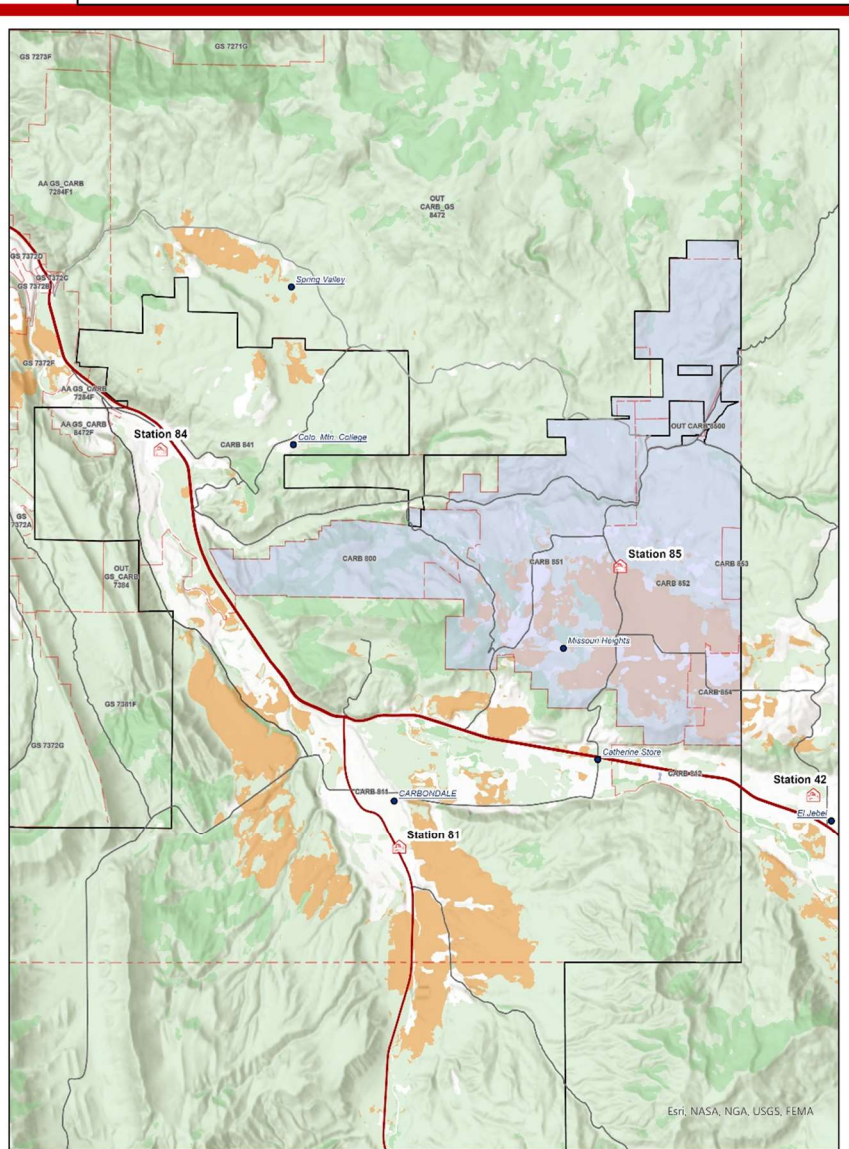
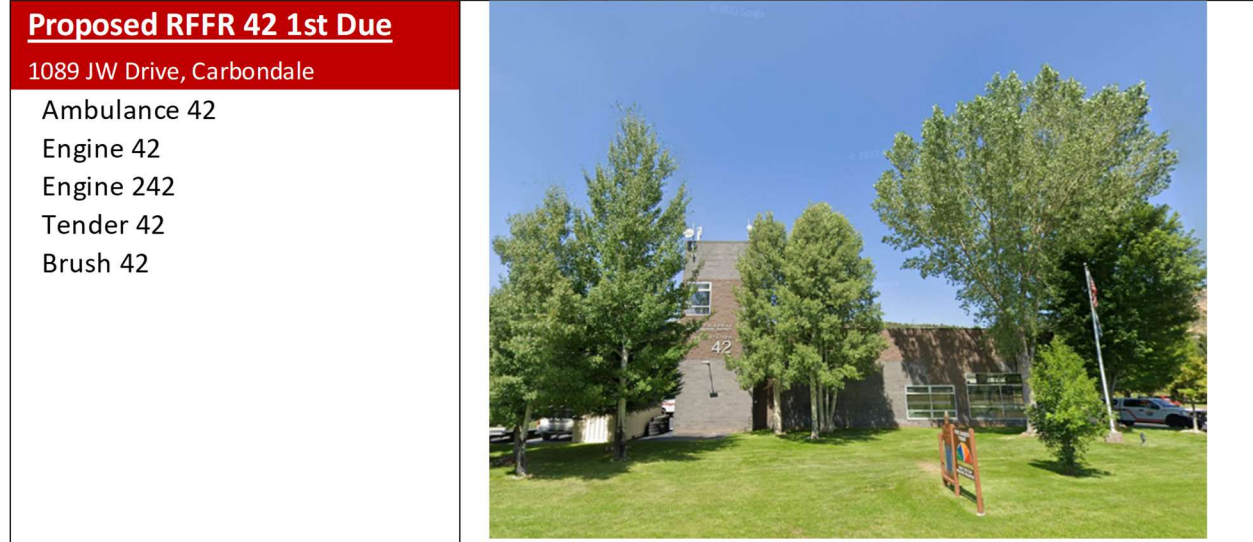


Table 3.7

Figure 9 - Proposed RFFR 42 1st Due



|  |           |
|--|-----------|
| Primary Response<br>Area: 9.1 Sq. Miles  |           |
| 2020<br>Population: 1,357                |           |
| 2024<br>Assessed<br>Value: \$ 43,922,970 |           |
| <b>Calls in 2023</b>                     | <b>80</b> |
| EMS Rescue                               | 57        |
| Fire                                     | 5         |
| Rupture/Explosion                        | -         |
| Hazardous Condition                      | 2         |
| Service Call                             | 6         |
| Good Intent Call                         | 5         |
| False Call                               | 14        |
| Other                                    | 1         |

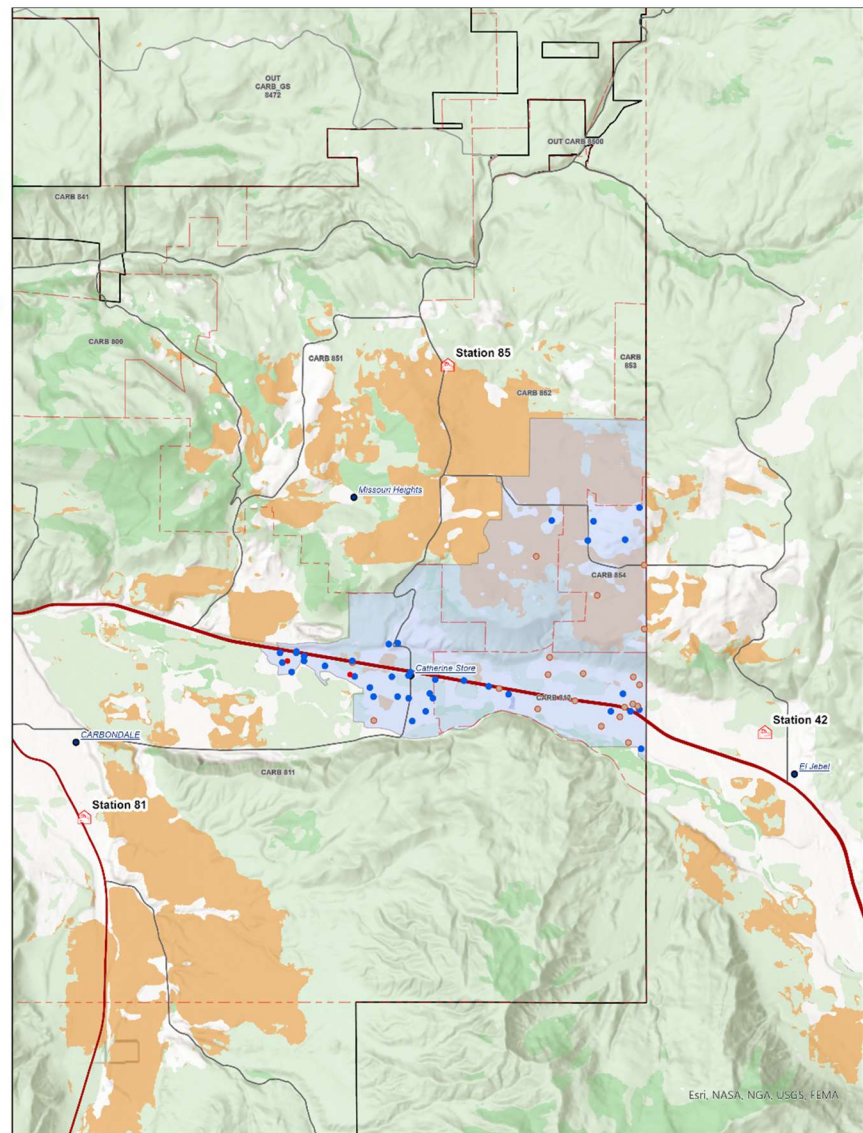


Table 3.8

## Staffing

Carbondale & Rural Fire Protection District is a "combination" fire department. This means that the District utilizes a combination of career or paid staff and a dedicated volunteer force.

The District utilizes a three-platoon system to provide coverage for 24 hours per day. This three-platoon system is organized into shifts identified as A, B, and C and each shift member is assigned to one of the three shifts. A shift member will be on-duty for a 48 hour period and then off-duty for 96 hour period. CRFPD utilizes an On-Call Chief system with the Chief Officers to ensure a Chief Officer is available for response and in communication with the Battalion Chief of the day. In total, there are 9 administration personnel who are certified responders and they provide backup to the 48/96 shift personnel during weekdays

2023 was the first time CRFPD was able to staff multiple stations with career responders on a 24/7 basis. The District moved to a "Battalion" model that is common in the fire service as a result of the need to staff multiple stations. The current level of responder staffing has 4 career responders at Station 81 (Carbondale) and 2 career responders at Station 84 (Westend station near the CMC turnoff at County Road 114).

This level of staffing (6 career responders per shift) was first identified as a critical need in CRFPD's Master Plan process in 2014. Due to the effects of the Great Recession and corresponding drop in revenue (42%) in 2011, this response level was unable to be implemented. The slow process of property valuations increasing revenue did not allow the District to reach the 2014 staffing level need until 2023. CRFPD's emergency call volume increased by 81% over that time period. The revenue needed to increase staffing did not grow proportionally to the increase in call volume, making staffing an extremely difficult problem to solve. CRFPD career responders are augmented by an outstanding group of volunteers who help make up some of the deficit in staffing levels. Additionally, most of the District's career chiefs officers and staff are certified responders who respond to emergencies as well.

Improving responder staffing levels over the next 5 years is a central part of the 2025 Strategic Plan. Another significant challenge over the next five years for the District is workforce housing. Employee/volunteer housing is needed so CRFPD can recruit and retain excellent staff and volunteers.

The need for appropriate staffing for emergency response cannot be overstated. NFPA standards define the levels of adequate staffing based on the histories of responder injuries and deaths due to staffing below the minimum standards. Moreover, the standards are also developed from investigation of the quality of care and response that suffers from being understaffed. The concept of "Normalization of Deviance" comes from operating and responding over and over with too few personnel to perform necessary functions safely. When this occurs often and nothing "bad" happens, deviating from the standard becomes "normal" until something tragic occurs. Having CRFPD staffing levels and needs examined and stated publicly is vital to the District's ability to eventually overcome this important issue that negatively effects the safety of our outstanding responders.







Figure 12 - Weekend Staffing Pattern

| Weekend On-Duty Staffing Pattern<br>Station 81 & Station 84 |               |               |               |               |             |       |             |             |             |             |       |             |
|---|---------------|---------------|---------------|---------------|-------------|-------|-------------|-------------|-------------|-------------|-------|-------------|
| TIME  | Saturday      |               |               |               |             |       | Sunday      |             |             |             |       |             |
|   | SM 81 HFT/ANS | SM 81 HFT/ANS | SM 84 HFT/ANS | SM 84 HFT/ANS | Maintenance | Chief | Admin Staff | Admin Staff | Admin Staff | Maintenance | Chief | Admin Staff |
| 0000-0100   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0100-0200   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0200-0300   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0300-0400   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0400-0500   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0500-0600   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0600-0700   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0700-0800   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0800-0900   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 0900-1000   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1000-1100   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1100-1200   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1200-1300   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1300-1400   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1400-1500   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1500-1600   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1600-1700   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1700-1800   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1800-1900   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 1900-2000   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 2000-2100   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 2100-2200   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 2200-2300   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |
| 2300-2400   | ON            | ON            | ON            | ON            |             |       |             |             |             | ON          | ON    | ON          |

Figure 13 - Volunteer Shift Hours

**Volunteer Shift Hours by Month 2019-2023**

|                      | JAN        | FEB         | MAR         | APR        | MAY        | JUN        | JUL        | AUG        | SEP        | OCT         | NOV         | DEC        | TOTAL        |
|----------------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|-------------|-------------|------------|--------------|
| 2019                 | 451        | 524         | 574         | 508        | 577        | 469        | 472        | 439        | 415        | 585         | 447         | 493        | 5,953        |
| 2020                 | 442        | 433         | 290         | 363        | 567        | 280        | 354        | 442        | 381        | 473         | 427         | 341        | 4,790        |
| 2021                 | 454        | 535         | 616         | 405        | 343        | 427        | 335        | 290        | 184        | 397         | 352         | 243        | 4,578        |
| 2022                 | 559        | 712         | 569         | 449        | 301        | 212        | 189        | 237        | 174        | 99          | 180         | 145        | 3,825        |
| <b>2023</b>          | <b>305</b> | <b>580</b>  | <b>547</b>  | <b>307</b> | <b>114</b> | <b>166</b> | <b>65</b>  | <b>51</b>  | <b>220</b> | <b>453</b>  | <b>403</b>  | <b>108</b> | <b>3,318</b> |
| 2019-2023 AVG        | 476        | 551         | 512         | 431        | 447        | 347        | 338        | 352        | 288        | 388         | 351         | 305        | 4,787        |
| <b>2023 % of AVG</b> | <b>64%</b> | <b>105%</b> | <b>107%</b> | <b>71%</b> | <b>25%</b> | <b>48%</b> | <b>19%</b> | <b>15%</b> | <b>76%</b> | <b>117%</b> | <b>115%</b> | <b>35%</b> | <b>69%</b>   |

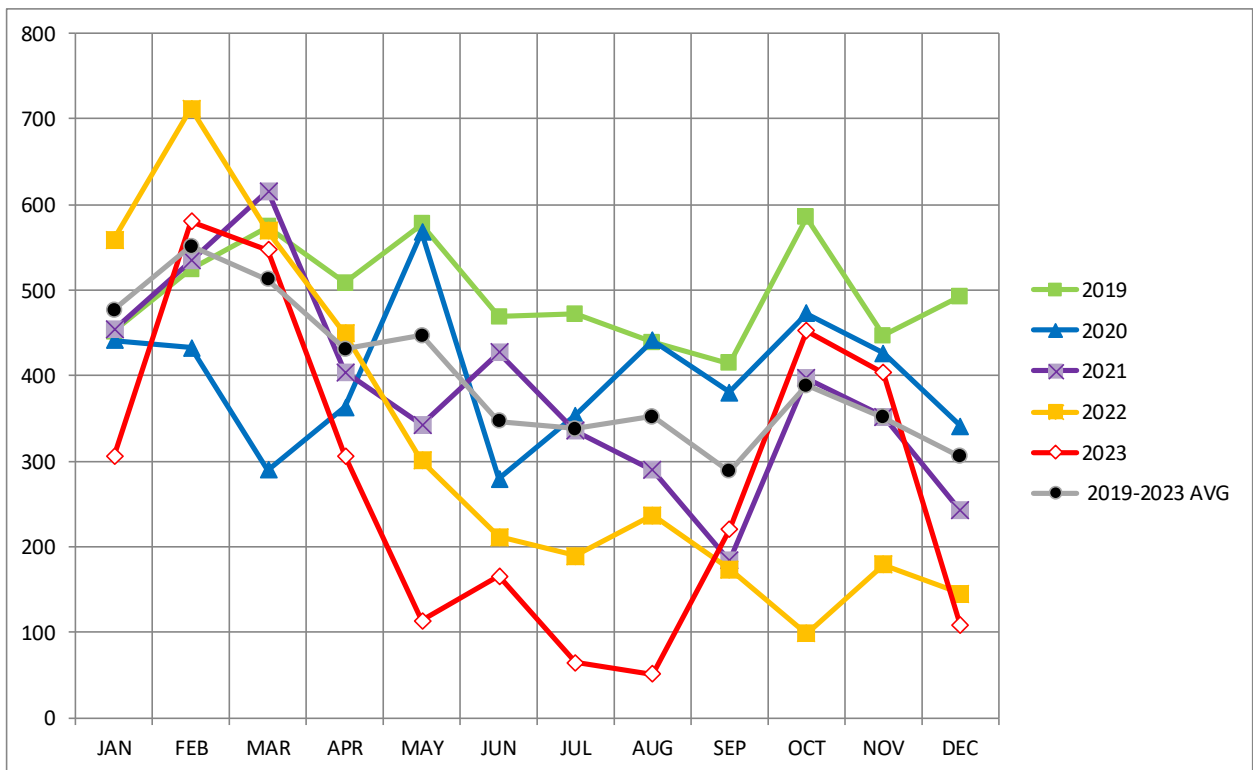


Figure 14 - NFPA 1720 Response Objectives

| RESPONSE AREA | NFPA 1720                |                            |                            |                 | POPULATION    | AREA (sq mi) | ASSESSED VALUE     |
|---------------|--------------------------|----------------------------|----------------------------|-----------------|---------------|--------------|--------------------|
|               | Demand Zone <sup>a</sup> | Minimum Staff <sup>b</sup> | Response Time <sup>c</sup> | Meets Objective |               |              |                    |
| Station 81    | Urban                    | 15                         | 9                          | 90%             | 9,956         | 142.4        | 417,136,066        |
| Station 82    | Rural                    | 6                          | 14                         | 80%             | 625           | 106.4        | 41,733,650         |
| Station 83    | Rural                    | 6                          | 14                         | 80%             | 214           | 12.7         | 24,086,420         |
| Station 84    | Suburban                 | 10                         | 10                         | 80%             | 3,357         | 16.4         | 106,254,458        |
| Station 85    | Rural                    | 6                          | 14                         | 80%             | 1,542         | 22.1         | 58,768,776         |
| <b>TOTALS</b> |                          |                            |                            |                 | <b>15,694</b> | <b>300</b>   | <b>647,979,370</b> |

NFPA 1720

Staffing and response time objectives for structural firefighting, based on a low-hazard occupancy such as a 200 ft<sup>2</sup> (186 m<sup>2</sup>), two-story, single family home without a basement and exposures and the percentage accomplishment of those objectives for reporting.

- a. A jurisdiction can have more than one demand zone
- b. Minimum staffing includes members responding from the AHJs department and automatic aid
- c. Response time begins upon completion of the dispatch notification and ends at the time interval shown in the table

Figure 15 - Station and Apparatus

| Station /Apparatus                           |                                   | Year | Make                         | Model           | NWCG Type    |
|--|-----------------------------------|------|------------------------------|-----------------|--------------|
| <b>STATION 81</b>                            | <b>Battalion 8</b>                | 2018 | Ford                         | F-150           | Pickup Truck |
| 300 Meadowood Drive<br>Carbondale, CO        | <b>Ambulance 81</b>               | 2019 | Ford/Braun Northwest         | F-450           | II           |
|  | <b>Ambulance 82</b>               | 2009 | Ford/McCoy Miller            | F-350           | II           |
|  | <b>Rescue 81</b>                  | 2007 | Spartan/Rosenbauer           | Engine          | I            |
|  | <b>Rescue 80</b>                  | 2013 | International                | Crew Buggy      | Truck        |
|  | <b>Engine 81</b>                  | 2007 | International/Rosenbauer     | SF647           | I            |
|  | <b>Ladder 81</b>                  | 2008 | Spartan/Rosenbauer           | Quint           | Ladder       |
|  | <b>Tender 81</b>                  | 2021 | International/Rosenbauer     | HV507           | ENG - IV     |
|  | <b>Engine/Brush 81</b>            | 2019 | Ford/BFX                     | F-550           | VI           |
|  | <b>ATV 81</b>                     | 2018 | Polaris - Ranger             | Side by Side    | ATV          |
|  | <b>Trailer 81</b>                 | 2018 | Haulmark                     | Enclosed        | Trailer      |
|  | <b>Command Trailer</b>            | 2015 | Keystone                     | RV Trailer      | RV Trailer   |
|  | <b>Utility 80</b>                 | 2023 | Ford                         | Ranger          | Pickup Truck |
|  | <b>Utility 81 - Ops Chief</b>     | 2019 | Ford                         | Expedition      | SUV          |
|  | <b>Utility 82 - Fire Marshall</b> | 2019 | Ford                         | F-150           | Pickup Truck |
|  | <b>Utility 83</b>                 | 2019 | Ford                         | Explorer        | SUV          |
|  | <b>Utility 84 - Chief Officer</b> | 2019 | Ford                         | F-150           | Pickup Truck |
|  | <b>Utility 85</b>                 | 2017 | Ford                         | F-250           | Pickup Truck |
|  | <b>Utility 86</b>                 | 2008 | GMC Sierra                   | First Responder | Pickup Truck |
|  | <b>Utility 87 - Maint. Chief</b>  | 2019 | Ford - Mechanics Truck       | F-250           | Pickup Truck |
|  | <b>Utility 88 - Mechanic</b>      | 2019 | Ford - Mechanics Truck       | F-350           | Pickup Truck |
| <b>Utility 89 - Fire Chief</b>               | 2022                              | Ford | Expedition                   | SUV             |              |
| <b>STATION 82</b>                            | <b>Ambulance 84</b>               | 2006 | Ford/McCoy Miller            | F-350           | II           |
| 1085 Redstone Blvd.<br>Redstone, CO          | <b>Engine 82</b>                  | 2020 | International/Rosenbauer     | Timberwolf      | I/II/III     |
|  | <b>Tender 82</b>                  | 1994 | International/Front Range    | 4800            | TAC - II     |
| <b>STATION 83</b>                            | <b>Rescue/Squad 83</b>            | 2005 | Ford                         | Excursion       | Truck        |
| 300 West Park<br>Marble, CO                  | <b>Engine 83</b>                  | 2020 | International/Rosenbauer     | Timberwolf      | I/II/III     |
|  | <b>Tender 83</b>                  | 2021 | International/Rosenbauer     | HV507           | Tac - II     |
|  | <b>Engine/Brush 83</b>            | 2005 | Ford                         | F-550           | VI           |
|  | <b>ATV 83</b>                     | 1999 | Arctic Cat                   | 4-wheeler       | ATV          |
|  | <b>ATV 283</b>                    | 2000 | Polaris                      | 6-wheeler       | ATV          |
| <b>STATION 84</b>                            | <b>Engine 84</b>                  | 2020 | International/Rosenbauer     | Timberwolf      | I/II/III     |
| 5449 County Road 154<br>Glenwood Springs, CO | <b>Ladder 84</b>                  | 1994 | Spartan/General Safety       | Quint           | Ladder       |
|  | <b>Tender 84</b>                  | 2012 | Freightliner/Rosenbauer      | HV507           | SUP - III    |
|  | <b>Engine/Brush 84</b>            | 2021 | Ford/BFX                     | F-550           | VI           |
|  | <b>Ambulance 80</b>               | 2019 | Ford/Braun Northwest         | F-450           | II           |
| <b>STATION 85</b>                            | <b>Engine 85</b>                  | 1993 | International/General Safety | 4800            | I/II/III     |
| 6986 County Road 100<br>Carbondale, CO       | <b>Tender 85</b>                  | 1994 | International/Front Range    | DT-466          | TAC - II     |



# Risk Assessment

Overall community risk management consists of risk assessment and risk control. In analyzing community risk, it is important to review the components of risk; identify unique factors affecting level of risk; and identify the magnitude and scope of the risk of fire, life safety, rescue, and medical emergencies, or other hazards that threaten life, safety, property, or the environment within the service area. The analysis discussion includes a review of actual and potential loss.

## Community Risk Assessment Components

Developing a comprehensive risk assessment involves six key components: fire flow, probability, consequence, occupancy risk, demand zones, and community profile. These apply to all fire, life safety, rescue, first response EMS, and miscellaneous calls for services.

**Fire Flow** - the flow rate of a water supply, measured at 20 pounds per square inch (psi) residual pressure that is available for firefighting.

**Probability** - the likelihood that a particular event will occur within a given period of time. An event that occurs daily is highly probable. An event that occurs only once in a century is very unlikely. Probability is an estimate of how often an event will occur, based on available local historical data.

**Consequence** - has two primary components:

1. Life Safety (risks to the lives of occupants and responders from life-threatening situations that include fire, rescue, hazardous substance, and emergency medical events); and
2. Economic Impact (the loss of property, income, or irreplaceable community assets)

**Occupancy Risk** - an assessment of the relative risk to life and property resulting from a fire inherent in a specific occupancy or in generic occupancy classes.

**Response Areas** - geographic areas utilized to more definitively analyze risk situations. Areas are based on current fire station locations and correspond to the first-due response area for each of these stations. Fire station placement and resource assignments are determined by desired response time performance, transportation network, population, topography, construction and occupancy character, density, and the relative risk level of a particular neighborhood or area.

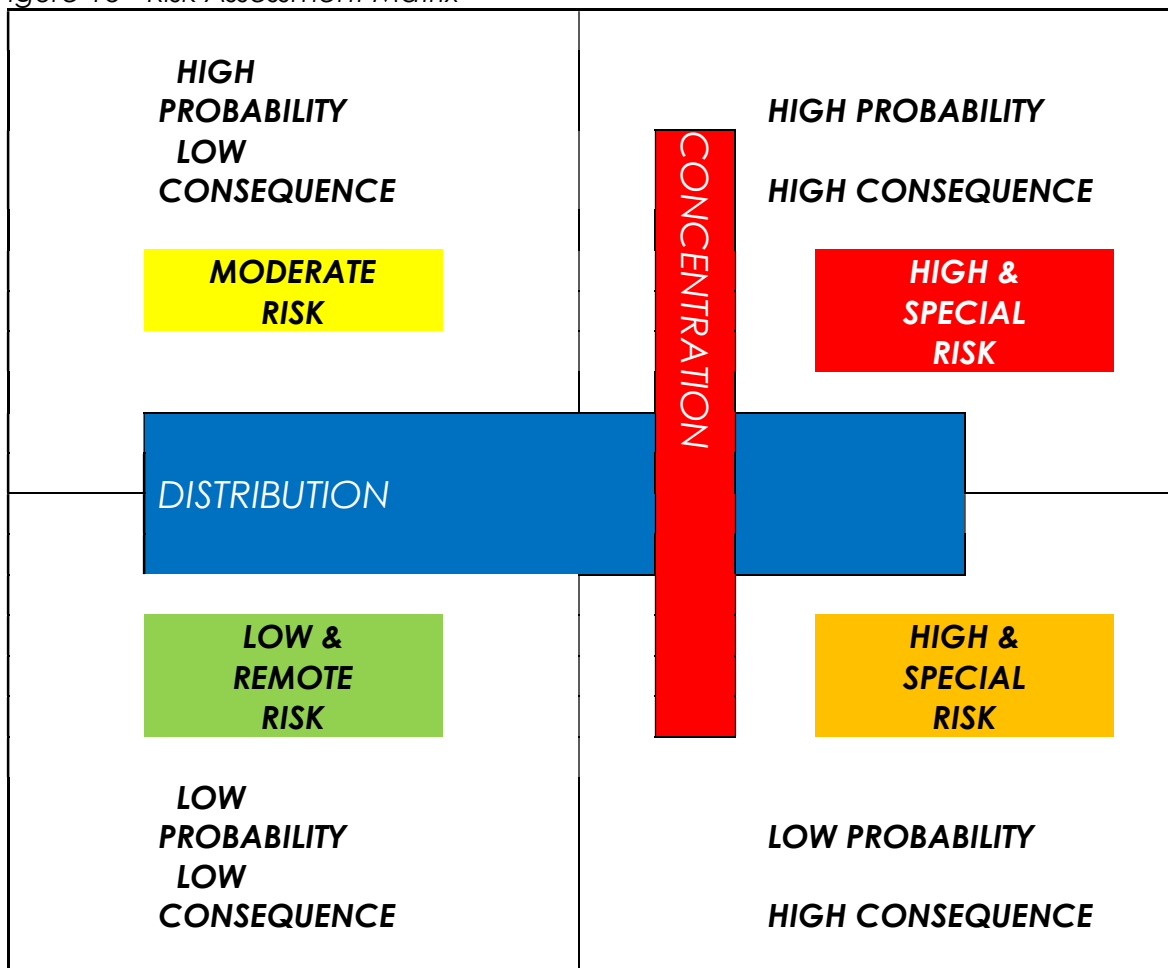
**Community Profile** - an analysis of the attributes of a specific community based on its unique mixture of demographics, socioeconomic factors, occupancy risks, demand zones, historical trends, and level of service currently being provided.

Through a methodical analysis of the risk dynamics present in a community, a risk assessment evaluation makes it possible to develop logical resource deployment strategies to meet the identified needs. The goal of the risk assessment process is to determine the probability of an event occurring, as well as the potential consequences of that event.

### Risk Assessment Matrix

The following matrix shows elements to consider when assessing risk. Each quadrant shows a combination of probability of an event occurring and the consequences should that event occur. Each category of risk represents different emergency resource commitment requirements.

Figure 16 - Risk Assessment Matrix



The community risk assessment includes defining inherent differences between a single-family dwelling, multiple-family dwelling, large industrial occupancy or commercial campus, and a high-rise residential or commercial structure; then assigning each occupancy type to a different quadrant of the risk assessment matrix. Fire stations and emergency apparatus are distributed uniformly throughout the community to provide prompt initial response to all types of incidents, or resources may be concentrated in high-consequence areas to enable a faster large-scale response to an unlikely but highly consequential event. Even when resources are distributed relatively evenly throughout the community, deployment differs based on type of risk and needs of each particular incident type, or in considering seasonal changes, special situations or other events.

## **Service Area Factors Unique to the System**

### **Ambulance Transport Times**

Carbondale & Rural Fire Protection District is unique in that there are no hospitals located within the District. The closest hospital is Valley View Hospital (VVH) in Glenwood Springs. VVH is approximately 15 miles from Carbondale.

This is significant in that the shortest ambulance transport typically takes a minimum of 1½ hours to complete. Additionally, many of CRFPD's ambulance calls are located outside of the Carbondale area and take much longer to complete. Ambulance calls to the south end of the district, in Redstone or Marble, will easily require 2 ½ hours before the ambulance and crew are back in service.

A typical ambulance call requires three personnel to safely execute. With staffing levels of 5 - 6 responders on per shift, these typical ambulance calls can leave CRFPD with a minimal level of responders for 2+ hours.

"Concurrent Calls" (incidents happening at the same time) occur over 200 times per year or between 3 and 4 times per week. Concurrent calls place another strain on CRFPD's limited staffing, requiring chief officers and other staff to commit to being available and responding while not on duty, adding to overtime costs.

### **Impacts From Growth Since 2019**

Communities in the District have experienced a boom of new construction, both commercial and residential, and a corresponding increase in population and traffic from new businesses, apartments, condominiums and single-family homes since 2019.

Calls for service have steadily increased at a rate of approximately 40.5% from 2020 through 2023. By the end of 2024 at the current pace, CRFPD is expected to have a 68.3% increase in calls for service since 2020. This growth aligns with the known building and population increases experienced in the District. Record growth is expected to continue into the foreseeable future.

The Highway 82 corridor from Glenwood Springs to Aspen runs through the heart of the District. Highway 82 sees between 25,000 and 30,000 vehicles per day that travel between Glenwood Springs and Aspen. Motor vehicle accidents and emergencies are increasing each year at a similar rate as previously described. In addition to the accidents and emergencies in the District, CRFPD crews are regularly called upon to provide mutual or automatic aid to our neighboring fire districts for these types of incidents along Highway 82.

The ever-increasing volume of traffic and the corresponding accidents and emergencies on the major roadways in the District also means that Hazardous Materials (HAZMAT) incidents are increasing along CRFPD's main roadways, Highway 82 and Highway 133. HAZMAT incidents are unique in and of themselves in that they require specialized training, techniques, and equipment to respond to and mitigate their impacts. None of the counties in the immediate area currently employ a hazardous materials team. This is a critical problem for both counties and local fire districts, as HAZMAT response requires a high level of training and certification along with

significant capital expenditure for equipment. A concerted team effort between every jurisdiction and the taxpayers of the region is necessary in order to create an effective and long-lasting HAZMAT response program.

### **Wildland Fire Risk and Seasonal Staffing**

Wildland fires are one of the greatest risks and threats to the people and properties in the District. The Roaring Fork and Grand Valleys have a long history of large and devastating wildfires. Along with other fire agencies in the region, CRFPD has participated in fighting and suppressing some of the most difficult fires in our state's history.

The northern end of the Carbondale Fire District, including Missouri Heights, Cattle Creek, and Spring Valley areas, are classified as either Very High or Extreme wildfire risk areas. The Missouri Heights area in particular has experienced several large and damaging wildfires.

For over 20 years, CRFPD has implemented a Seasonal Staffing operation to try to mitigate the potential for wildfires. This staffing program includes adding additional temporary personnel that patrol and respond to wildland fire incidents, along with other incident types. The program is known as CRFPD's Initial Attack (IA) program. Along with incident response, one of the main duties for the IA team is to follow-up on lightning strikes that have occurred in the last 24-48 hours to ensure that no "holdover" fires occur. The IA teams are very involved with public education and engage property owners and visitors throughout the District, delivering information on fire and life safety.

CRFPD's Prevention Division, along with the IA team, offers free wildland fire mitigation consultations to individual property owners and homeowners associations in the District. This service is very well received with dozens of consults conducted each year and growing. Property owners are provided with a comprehensive report of current conditions and actions that will have the greatest impact on making their property as safe as possible from a wildland fire.

During the spring/summer/fall season, CRFPD experiences a marked increase in all types of incident response as large numbers of people visit and stay in the area to participate in the many different recreational opportunities available during these seasons.

### **Swiftwater Rescue**

Carbondale Fire District has two very popular rivers that run through it. The Crystal and Roaring Fork Rivers see high levels of recreational rafting, kayaking and fishing. CRFPD is called upon to respond to numerous rescues, searches, and reports of overturned rafts and kayaks. Swiftwater Rescue incidents are difficult and dangerous incidents to manage. In addition, these incidents are manpower intensive and can take hours or multiple days to complete. Training certified swiftwater rescue technicians also takes a commitment of time and resources to ensure that responders can perform safely and at a high level.



## **Hiking and Biking**

Carbondale Fire District is home to a large number of bike paths and mountain bike trails are ubiquitous in the area. This area is a prime spot for hikers and climbers that access trails as close as the Mushroom Rock area and as far away as Lead King Basin above Marble. CRFPD is experiencing an increasing demand for services in these areas. As more people access these areas, the more CRFPD is called upon to respond to trauma and medical incidents that happen in these out of the way places. Again, this type of incident requires specific training and equipment in addition to being manpower intensive, long duration incidents.

## **Geographic Size of the District**

Carbondale Fire District is approximately 300 square miles in size. Much of the land is public and CRFPD works with the local Interagency staff and county sheriffs to respond to incidents in these areas.

Long travel times affect response and staffing levels in the District. The five district fire stations are located in or near the most populous communities. To drive from one end of the District to the other takes just under an hour; the stations are located as far as 40 miles apart.

## **Topography**

The topography of the Carbondale & Rural Fire Protection District is varied and diverse. From north to south, the District covers the Crystal River Valley. The lower elevations of the Crystal River Valley are comprised mainly of pinion/juniper, sage brush, Gambel Oak and grasses. The terrain of the valley is narrow and steep with many drainages that empty into the Crystal River. The higher elevations of the valley contain sub alpine forests with multiple species of evergreens and large stands of aspens. The drainages that flow into the upper Crystal Valley are steep and long, with a number of them ending up above tree line.

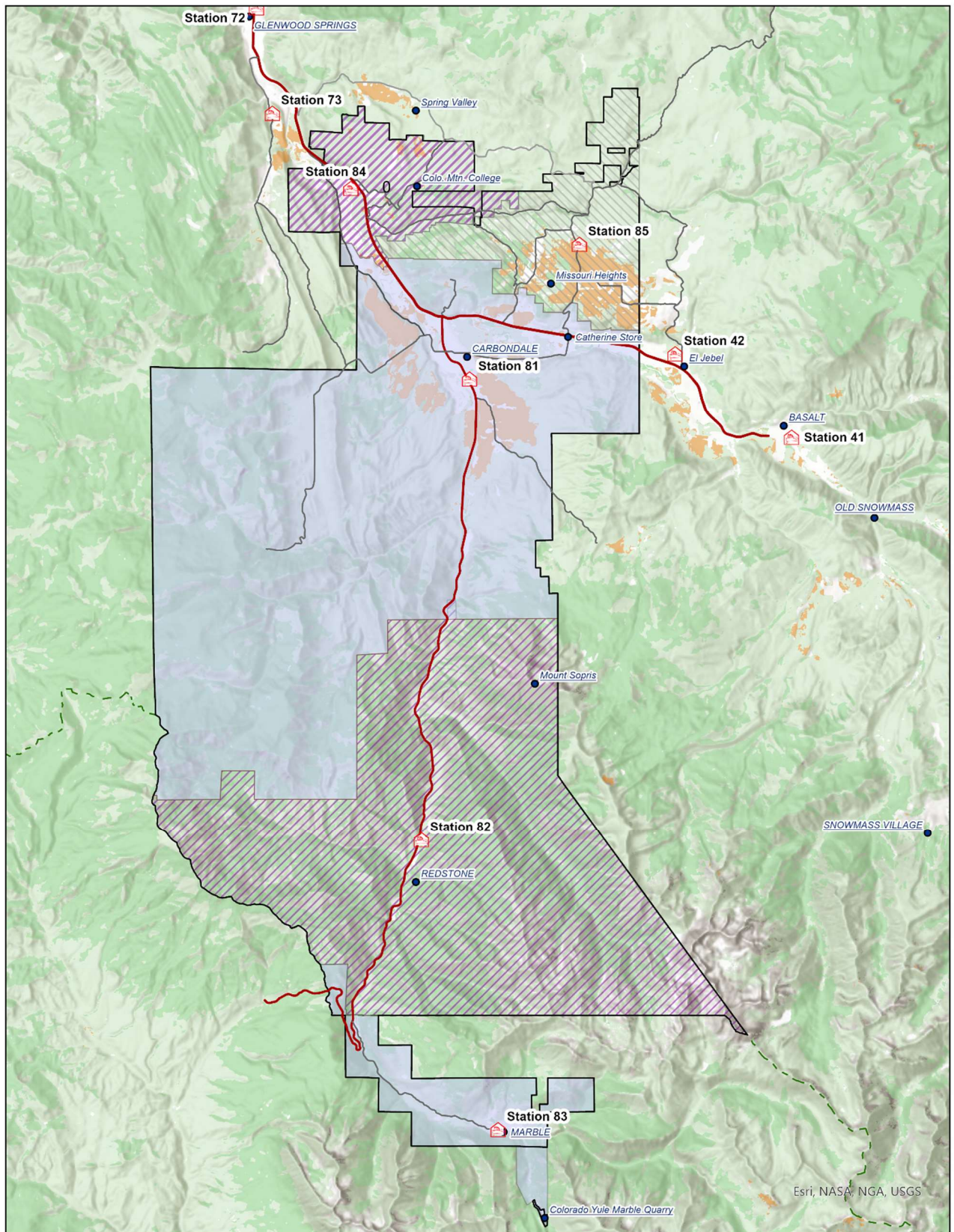
The east-west length of the District is dominated by the lower Roaring Fork Valley. Much of the valley floor is comprised of relatively flat homesteaded ranch lands. Much of that land has been developed into residential subdivisions of varying sizes. Further to the west end of the district, the lower valley lands consist of more commercial and mixed-use developments.

As the elevations increase on the north and south sides of the Roaring Fork River, the topography has more hills with pinion/juniper, sage brush, Gambel Oak and grasses. The north and west ends of the District (Missouri Heights and Spring Valley areas) have very dense pinion/juniper and oak forest areas that contain hundreds of residential properties consisting of subdivisions to individual ranches. These areas with the vegetation and topography combine to present a significant wildland/urban interface risk for the homes and properties there.





Figure 17 - Fire Suppression Service Area



# Water Systems and Supplies

Figure 18 – Map of CRFPD Water Systems

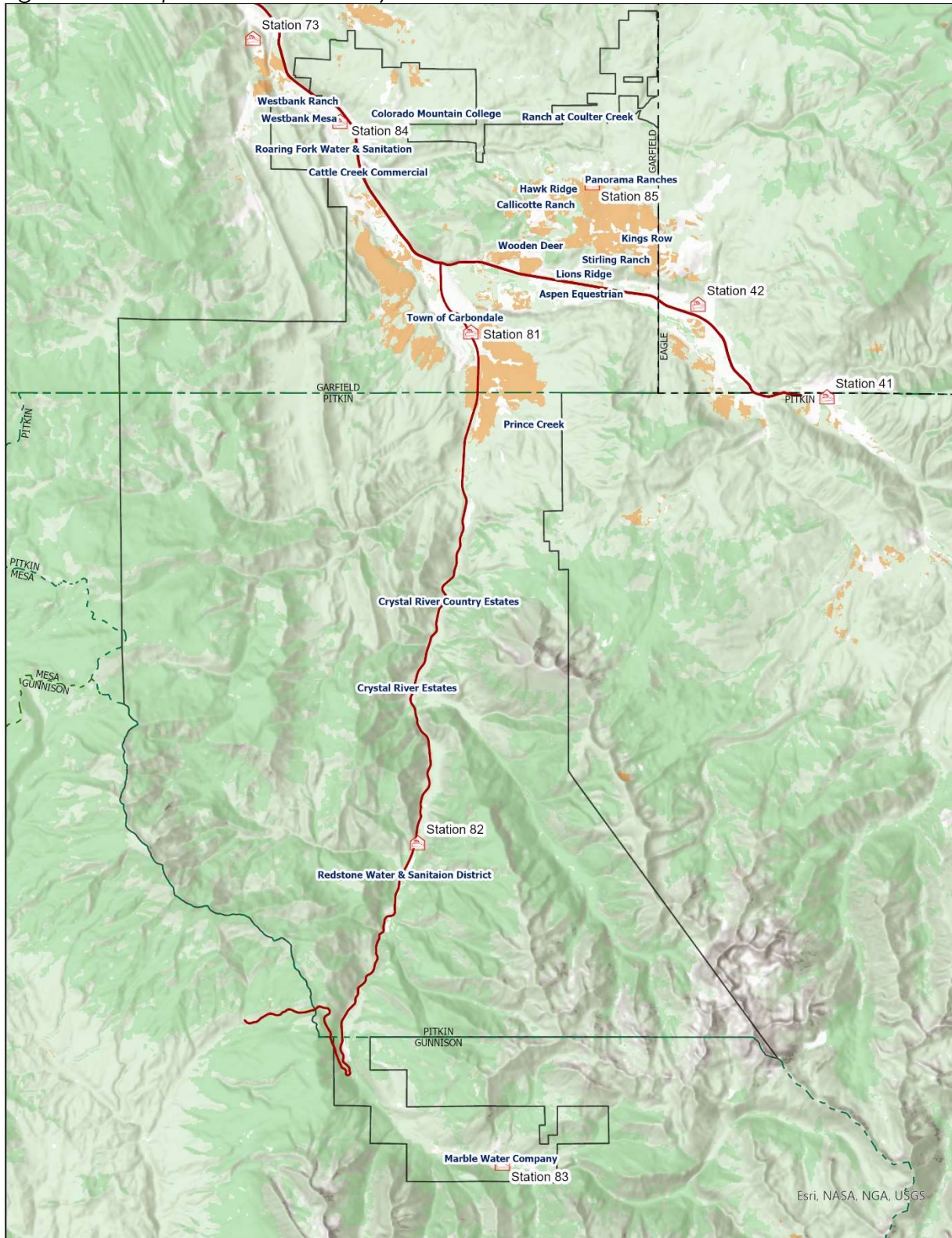


Figure 19 - CRFPD Water System Flow/Capacity

| <b>WATER SYSTEM</b>                  | <b>ISO</b> | <b>Available Flow (gpm)</b> | <b>Tank Capacity</b> |
|--------------------------------------|------------|-----------------------------|----------------------|
| Aspen Equestrian Estates             | ✓          | >1,500                      | 200,000              |
| Callicotte Ranch                     | ✓          | 1,000 - 1,500               | 200,000              |
| Town of Carbondale                   | ✓          | >1,500                      | 2,350,000            |
| Carbondale Mini Storage              |            | 500 - 1,000                 | 10,000               |
| Cattle Creek Commercial Center       | ✓          | 1,000 - 1,500               | 100,000              |
| Mid Valley Metro District            | ✓          | >1,500                      | 2,000,000            |
| Colorado Mountain College            | ✓          | >1,500                      | 1,000,000            |
| Crystal River Country Estates        | ✓          | 500 - 1,000                 | 37,000               |
| Crystal River Estates                | ✓          | 500 - 1,000                 | 37,000               |
| Elk Springs                          | ✓          | 1,000 - 1,500               | 620,000              |
| Hawk Ridge                           |            | < 500                       | 30,000               |
| Kings Row                            | ✓          | 500 - 1,000                 | 50,000               |
| Lions Ridge                          |            | 500 - 1,000                 |                      |
| Marble                               |            | 1,000 - 1,500               | 130,000              |
| Panorama Ranches                     | ✓          | 1,000 - 1,500               | 100,000              |
| Prince Creek Subdivision             |            | < 500                       |                      |
| Ranch at Coulter Creek               | ✓          | 500 - 1,000                 | 120,000              |
| Ranch at Roaring Fork                | ✓          | 500 - 1,000                 | 100,000              |
| Redstone Water & Sanitation District | ✓          | >1,500                      | 390,000              |
| Roaring Fork Water & Sanitation      | ✓          | >1,500                      | 1,518,000            |
| Seven Oaks (BRB)                     |            | < 500                       | 10,000               |
| Sterling Ranch                       |            | 500 - 1,000                 | 10,000               |
| Swiss Village                        |            | 500 - 1,000                 | 21,000               |
| Van Rand                             | ✓          | 1,000 - 1,500               | 50,000               |
| Westbank Mesa Subdivision            | ✓          | >1,500                      | 250,000              |
| Westbank Subdivision                 | ✓          | >1,500                      | 150,000              |
| Whitecloud Subdivision               | ✓          | >1,500                      | 200,000              |
| Wooden Deer Subdivision              | ✓          | 1,000 - 1,500               | 50,000               |

## Building Risk Analysis

Figure 20 - Building Risk Analysis

| Building Risk Analysis by Response Area          |              |            |            |              |            |
|--|--------------|------------|------------|--------------|------------|
| Residential                                      | St-81        | St-82      | St-83      | St-84        | St-85      |
| Single Family Residential                        | 3,979        | 352        | 324        | 1,065        | 537        |
| Multifamily dwelling                             | 30           |            |            | 4            |            |
| Residential board and care                       | 1            |            |            |              |            |
| Dormitory-type residence, other                  | 7            |            |            | 2            |            |
| Boarding/rooming house, resident                 | 1            |            |            |              |            |
| Hotel/motel, commercial                          | 2            | 2          |            |              |            |
| 24-hour care Nursing homes, 4 or                 | 4            |            |            |              |            |
| Residential, other                               | 1            |            |            | 1            |            |
| <b>TOTALS</b>                                    | <b>4,025</b> | <b>354</b> | <b>324</b> | <b>1,072</b> | <b>537</b> |
| <b>Vacant Residential Lots</b>                   |              |            |            |              |            |
| <b>Assembly</b>                                  |              |            |            |              |            |
| Assembly, other                                  | 1            |            |            |              |            |
| Athletic/health club                             | 1            |            |            | 1            |            |
| Auditorium, concert hall, theater                | 2            |            |            |              |            |
| Bar or nightclub                                 | 2            |            |            |              |            |
| Clubhouse  | 1            |            |            | 1            |            |
| Fixed-use recreation places                      | 1            |            |            |              |            |
| Museum   | 1            |            |            |              |            |
| Religious/Charitable                             | 5            | 1          | 1          |              |            |
| Restaurant or cafeteria                          | 13           | 1          | 1          | 1            |            |
| Stadium, arena                                   | 1            |            |            |              | 1          |
| Swimming facility: indoor or out                 | 1            |            |            |              |            |
| <b>TOTALS</b>                                    | <b>29</b>    | <b>2</b>   | <b>2</b>   | <b>3</b>     | <b>1</b>   |
| <b>Educational Facilities</b>                    |              |            |            |              |            |
| Adult education center, college                  | 1            |            |            | 7            |            |
| Educational, other                               | 5            |            |            |              |            |
| Elementary school, including kin                 | 4            | 1          | 1          |              |            |
| High school/junior high school/m                 | 3            |            |            |              |            |
| <b>TOTALS</b>                                    | <b>13</b>    | <b>1</b>   | <b>1</b>   | <b>7</b>     | <b>-</b>   |
| <b>Health Care, Detection &amp; Correction</b>   |              |            |            |              |            |
| <b>Governmental</b>                              |              |            |            |              |            |
| <b>Industrial, Utility, Agricultural, Mining</b> |              |            |            |              |            |
| Utility or Distribution system,                  | 1            |            |            | 1            |            |
| Flammable liquid distribution                    | 3            |            |            | 2            |            |
| Sanitation utility                               | 1            |            |            | 2            |            |
| <b>TOTALS</b>                                    | <b>4</b>     |            |            | <b>4</b>     |            |
| <b>Manufacturing, processing</b>                 |              |            |            |              |            |
| <b>Mercantile, Business</b>                      |              |            |            |              |            |
| <b>Storage</b>                                   |              |            |            |              |            |
| Residential or self-storage unit                 | 3            |            |            | 4            |            |
| Storage, other                                   | 5            |            |            |              |            |
| Vehicle storage, other                           | 1            |            |            |              |            |
| Warehouse  | 36           |            |            | 39           |            |
| <b>TOTALS</b>                                    | <b>45</b>    | <b>-</b>   | <b>-</b>   | <b>43</b>    | <b>-</b>   |

## Non-Residential Buildings/Facilities by Risk Factor

Figure 21 - Non-Residential Buildings/Facilities by Risk Factor

|  | St-81      | St-82    | St-83    | St- 84    | St-85    |
|--|------------|----------|----------|-----------|----------|
| Buildings/Facilities - Non Residential, Risk - Low       | 87         | 1        | 1        | 12        | 2        |
| Buildings/Facilities - Non Residential, Risk - Moderate  | 121        | 1        | 1        | 29        |          |
| Buildings/Facilities - Non Residential, Risk - High      | 10         | 1        |          | 37        |          |
| Buildings/Facilities - Non Residential, Risk - Very High | 1          | 1        |          | 2         |          |
| <b>TOTALS</b>  | <b>219</b> | <b>4</b> | <b>2</b> | <b>80</b> | <b>2</b> |

## Urban Interface - Wildland Fire Risk

### Potential Operational Delineations (PODs)

The Rocky Mountain Research Station Wildfire Risk Management Science (WRMS) Team co-developed Potential Operational Delineations (PODs) to pre-plan for fire using a risk management approach and to give land managers a formal process for developing landscape-scale wildfire response options before fires start. PODs are spatial units or containers defined by potential control features, such as roads and ridge tops, within which relevant information on forest conditions, ecology, and fire potential can be summarized. PODs combine local fire knowledge with advanced spatial analytics to help managers develop a common understanding of risks, management opportunities, and desired outcomes to determine fire management objectives. The PODs pre-planning framework has been applied on over 40 national forests and counting, often including adjacent landowners and jurisdictions for cross-boundary planning.

- PODs are fire management and planning units.
- PODs have boundaries defined by potential control features that can be leveraged for fire containment during a wildfire or prescribed fire. Typical POD boundaries are a combination of roads, rivers, major ridges, barren areas, waterbodies, major fuel changes, or other locations that facilitate control.
- The process of developing PODs is done collaboratively by local wildland fire managers, stakeholders, and scientists. Collaborators identify a network of best available control features, often using analytical tools to assess the feature's quality and suitability.
- When paired with a wildfire risk assessment, PODs can be used to quantify and summarize risk into strategic response zones that provide the starting point for strategic planning of incident response.



Figure 22 - Urban Interface - Wildland Risk Map

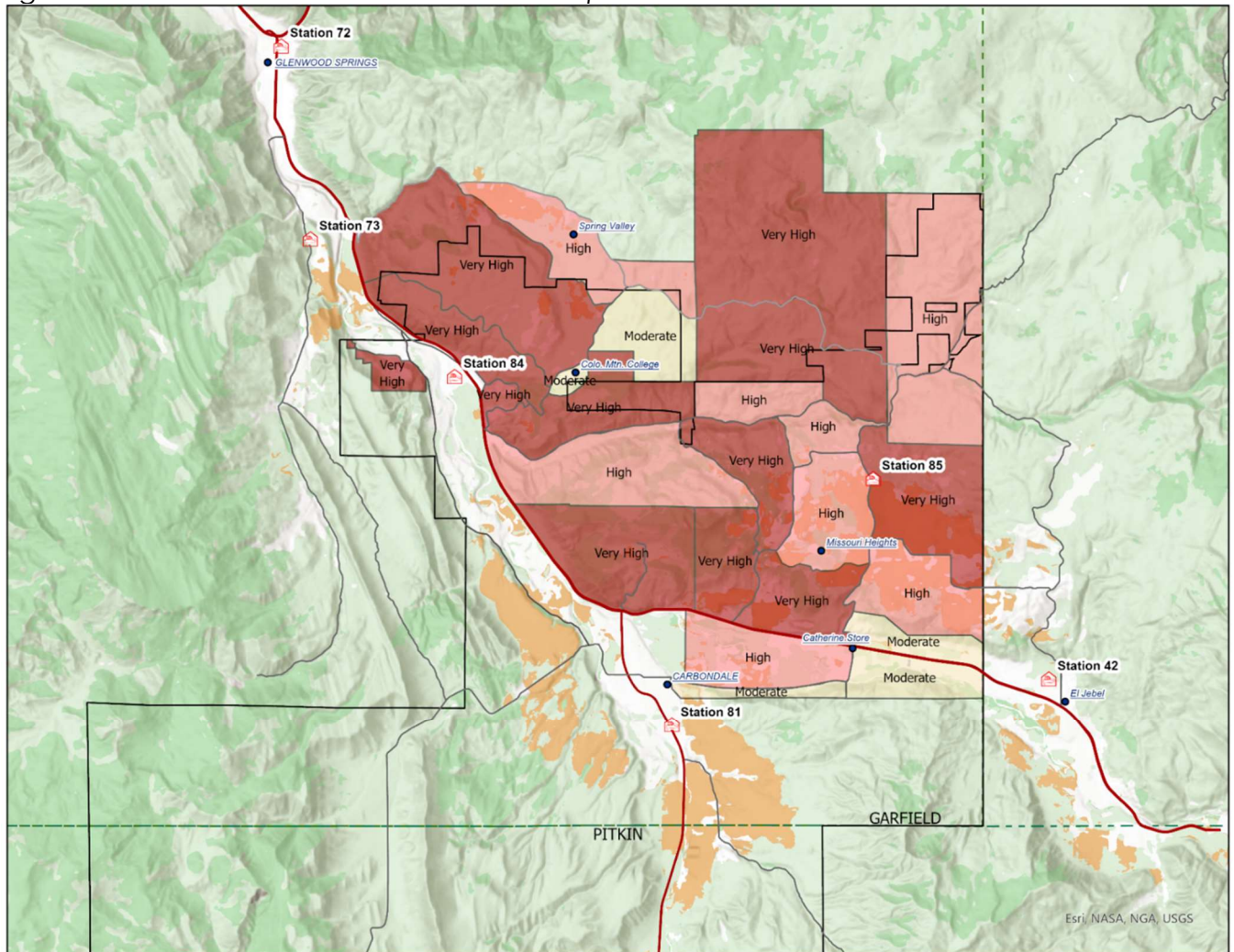


Figure 23 - Subdivisions & Risks 1

| Area     | Subdivisions   | Powerlines                             | Substations | Gas Utilities | Comm Facilities | Structures | Businesses                                    | Public Buildings | Watersheds         | Recreation Areas | Risk      |
|----------|--|--|-------------|---------------|-----------------|------------|---|------------------|--------------------|------------------|-----------|
| <b>A</b> | High Aspen Ranch, Homestead Estates, Ranch at Coulter Creek, Spring Valley Ranch | (1) 69 KV,<br>(3) 115 KV,              | Yes         | N/A           | N/A             | 67         | N/A   | N/A              | N/A                | N/A              | Very High |
| <b>B</b> | Spring Valley Ranch, Lake Springs Ranch  | N/A                                    | N/A         | N/A           | N/A             | 94         | N/A   | N/A              | N/A                | N/A              | High      |
| <b>C</b> | Elk Springs, Lake Springs Ranch, Crysteleit, Crysteleit Views                    | (1) 230 KV                             | N/A         | N/A           | N/A             | 156        | N/A   |                  | Roaring Fork River | N/A              | Very High |
| <b>D</b> | Elk Springs  | (1) 230 KV                             | N/A         | N/A           | N/A             | 85         | N/A   | N/A              |                    | N/A              | Very High |
| <b>E</b> | Lake Springs Ranch   | (1) 230 KV                             | N/A         | N/A           | N/A             | 4          | Rivendell Sod Farm,<br>Black Hills Compressor | N/A              | N/A                | N/A              | Moderate  |
| <b>F</b> | Ranch at Coulter Creek   | (1) 69 KV,<br>(3) 115 KV,<br>(2) 230KV | Xcel Energy | N/A           | N/A             | 37         | N/A   | N/A              | N/A                | N/A              | Very High |
| <b>G</b> | N/A  | (1) 230 KV                             | N/A         | N/A           | N/A             | 66         | N/A   | N/A              | N/A                | N/A              | High      |
| <b>H</b> | Baby Beans   | (2) 215 KV                             | N/A         | N/A           | N/A             | 17         | N/A   | N/A              | Cattle Creek       | N/A              | High      |
| <b>I</b> | Pinion Pines Apartments  | (1) 115 KV,<br>(1) 230KV               | N/A         | N/A           | N/A             | 64         | 1   | Sanitation Plant | Cattle Creek       | N/A              | Very High |
| <b>J</b> | Colorado Mountain College  | (1) 230 KV                             | N/A         | N/A           | N/A             | 13         | N/A   | CMC              |                    | N/A              | Moderate  |
| <b>K</b> | Pinyon Mesa  | N/A                                    | N/A         | N/A           | N/A             | 62         | 9+  | N/A              | Roaring Fork River | N/A              | Very High |
| <b>L</b> | West Bank Mesa   | N/A                                    | N/A         | Source Gas    | N/A             | 59         | N/A   | N/A              | Roaring Fork River | N/A              | Very High |

Figure 24 - Subdivisions & Risks 2

| Area     | Subdivisions   | Powerlines | Substations | Gas Utilities | Comm Facilities | Structures | Businesses   | Public Buildings           | Watersheds                          | Recreation Areas    | Risk      |
|----------|--|------------|-------------|---------------|-----------------|------------|--|----------------------------|-------------------------------------|---------------------|-----------|
| <b>M</b> | Cattle Creek Center  | (1) 115 KV | N/A         | N/A           | N/A             | 126        | 10 +   | N/A                        | Cattle Creek                        | N/A                 | High      |
| <b>N</b> | Cottonwood Hollow, Cattle Creek Ranch, Hardy Hills, Pinion Peaks, Cedar Ridge Farm,              | (1) 115 KV | N/A         | N/A           | N/A             | 151        | N/A  | N/A                        | Cattle Creek                        | N/A                 | Very High |
| <b>O</b> | Cedar Ridge Farm   | (1) 115 KV | N/A         | N/A           | N/A             | 36         | N/A  | N/A                        | Cattle Creek                        | Cattle Creek        | High      |
| <b>P</b> | Panorama Ranches, King Row   | (1) 115 KV | N/A         | N/A           | N/A             | 211        | Strang Ranch                                       | Cdale-Fire Station 85      | N/A                                 | N/A                 | Very High |
| <b>Q</b> | Hawk Ridge   | N/A        | N/A         | N/A           | N/A             | 131        | N/A  | N/A                        | Crystal Springs, Roaring Fork River | N/A                 | High      |
| <b>R</b> | Aspen Glen   | (1) 115 KV | N/A         | N/A           | N/A             | 62         | Planted Earth                                      | N/A                        | Crystal Springs, Roaring Fork River | Red Hill Recreation | Very High |
| <b>S</b> | N/A  | N/A        | N/A         | N/A           | N/A             | 47         | Powers Art Center, LaFarge Western Slope Materials | N/A                        | Crystal Springs, Roaring Fork River | N/A                 | Very High |
| <b>T</b> | Wooden Deer, TO Ranch  | N/A        | N/A         | N/A           | N/A             | 128        | N/A  | N/A                        | Crystal Springs, Roaring Fork River | N/A                 | Very High |
| <b>U</b> | Stirling Ranch, White Cloud  | N/A        | N/A         | N/A           | N/A             | 138        | N/A  | Missouri Hgts School House | N/A                                 | N/A                 | High      |
| <b>V</b> | Lions Ridge, Cerise Ranch, Dakota, Dakota Meadows  | N/A        | N/A         | N/A           | N/A             | 177        | N/A  | N/A                        | N/A                                 | N/A                 | Moderate  |
| <b>W</b> | Goose Creek, Mayfly Bend, Roaring Fork Preserve, Ranch at Roaring Fork, Aspen Equestrian Estates | N/A        | N/A         | N/A           | N/A             | 382        | Aspen Polo Club                                    | N/A                        | N/A                                 | N/A                 | High      |
| <b>X</b> | Blue Creek Ranch   | (1) 115 KV | N/A         | N/A           | N/A             | 151        | Waldorf School                                     | N/A                        | Roaring Fork River                  | N/A                 | Moderate  |
| <b>Y</b> | The Loadout, Carbondale Mini Storage   | (1) 115 KV | N/A         | N/A           | N/A             | 50         | Multiple   | N/A                        | N/A                                 | N/A                 | Moderate  |






# Standards, Goals, & Objectives

## Response Types

CRFPD responds to virtually all emergencies in the District. When someone places a 9-1-1 call for an emergency other than a law enforcement issue, CRFPD is paged to respond. In addition, CRFPD is often called to assist or provide care at the scene of a law enforcement incident.

The reality of responding to a wide variety of different incident types means that CRFPD personnel must be cross-trained in as many emergency response disciplines as possible. Obtaining certification, recertifying certifications, continuing education training, equipping and staffing for the many different types of response in the district is a time consuming, difficult, and expensive process. A single responder has a limited ability to specialize in other disciplines than firefighting and EMS. This means that it takes more responders certified in different specialties to ensure that CRFPD is able to deliver a high level of service and a high standard of care to the citizens in the district.

Response types in the Carbondale & Rural Fire Protection District include:

- Residential Structural Fire Response
  - Commercial Structural Fire Response
  - Motor Vehicle Accident (MVA) Fire and EMS Response
  - Emergency Medical Response and Transport for Medical and Trauma incidents
  - Wildland Fire Response (different training and equipment requirements than structural firefighting)
  - Hazardous Materials Incident Response (HAZMAT)
  - Swiftwater Rescue Response
  - High Angle Rescue Response
  - Backcountry Incident Response (particularly in the south end of the district)
  - Avalanche Response
  - Mudslide Incident Response
- 




## **Response Standards**

Nationally recognized standards for response to emergencies are established by the National Fire Protection Association (NFPA). The NFPA develops these standards over time, along with being reviewed and rewritten every five years to ensure that they are still relevant to the ever evolving environments of emergency response.

The basis for every standard that comes from the NFPA is to provide for the safety of the emergency responders who are exposed to the dangers of structure fires, wildland fires, EMS incidents, MVAs, swiftwater rescues, HAZMAT incidents, high angle rescues, and the like. The NFPA has developed recognized standards for all of the above incident types. The NFPA standards require that all responders be certified in each discipline and that the District carries NFPA compliant equipment and vehicles for each incident type.

Many of the core pieces of equipment, staffing, apparatus and protective gear standards have been developed through the investigation and research of incidents involving emergency responder deaths and injuries. Anytime a responder is injured or killed during a training or incident response, one of the first items that is looked at very closely is whether or not the fire department involved in the incident is staffed, equipped, trained and responding according to the NFPA standards. NFPA safety standards are the legal benchmark by which organizations are judged before, during and after an incident.



# Critical Task Capability

## Effective Response Force (ERF)

A fire in an occupied residential single or multi-family structure requires tasks to be simultaneously conducted in order to stop the loss of civilian lives, stop further property loss, and minimize risks to the firefighter. The number and type of tasks needing simultaneous action will dictate the minimum number of firefighters needed at different types of fires at each different type of fire incident. The following tables describe these tasks, which usually are performed simultaneously in the majority of fire responses to single and multi-family dwellings. These tasks usually occur in the first 12 to 15 minutes of a fire ground operation. In order to accomplish these tasks, the first full alarm is two (2) engine companies, one (1) ladder or truck company, one (1) ambulance company and a battalion officer. An effective response force will be determined to have been achieved when fifteen (15) suppression personnel have arrived on scene. Additional units and/or mutual aid may be dispatched by the request of the incident commander. Incidents involving rural structure fires with no fire hydrants or larger fire suppression incidents will require twenty-two (22) suppression personnel to establish an effective response force.

Figure 25 - Single Family Residential Structure Fire - Non-Target Hazard

| Company   | Basic/Minimum Tasks                                    | Minimum # of Personnel Required |
|---|--|---------------------------------|
| <b>Single Family Residential Structure Fire – Non-Target Hazard</b> |  |                                 |
| Battalion   | Establish command, size up, incident safety officer    | 1                               |
| 1st Engine  | Division / Group Supervisor / Operations Section Chief | 1                               |
|   | Engineer/Pump operator                                 | 1                               |
|   | Attack hoseline  | 2                               |
| 2nd Engine  | Back-up hoseline                                       | 2                               |
|   | Interim Rapid Intervention Crew (IRIC)                 | 2                               |
| Truck   | Forcible entry, ventilation                            | 2                               |
|   | Primary search   | 2                               |
|   | Engineer/Pump operator                                 | 1                               |
| 1st Ambulance   | Utility Control, FF Treatment/Rehab                    | 1                               |
| <b>TOTAL</b>  |  | <b>15</b>                       |

Figure 26 - Single Family Residential Structure Fire - No Hydrants

| Company   | Basic/Minimum Tasks                                    | Minimum # of Personnel Required |
|---|--|---------------------------------|
| <b>Single Family Residential Structure Fire – No Hydrants</b> |  |                                 |
| Battalion   | Establish command, size up, incident safety officer    | 1                               |
| 1st Engine  | Division / Group Supervisor / Operations Section Chief | 1                               |
|   | Pump operator  | 1                               |
|   | Attack hoseline  | 2                               |
| 2nd Engine  | Back-up hoseline                                       | 2                               |
|   | Interim Rapid Intervention Crew (IRIC)                 | 2                               |
| 1st Truck   | Forcible entry, ventilation                            | 2                               |
|   | Primary search   | 2                               |
|   | Engineer/Pump operator                                 | 1                               |
| 3rd Engine  | Establish Fill site, Fill site officer                 | 1                               |
|   | Pump operator  | 1                               |
|   | Connect/disconnect tenders                             | 1                               |
| 1st Water Tender  | Drop port-a tank, water supply officer                 | 1                               |
|   | Tender operator  | 1                               |
| 2nd Water Tender  | Tender operator  | 1                               |
| 3rd Water Tender  | Tender operator  | 1                               |
| 1st Ambulance   | Utility Control, FF Treatment/Rehab                    | 1                               |
| <b>TOTAL</b>  |  | <b>22</b>                       |

Figure 27- Single Family Residential Structure Fire - Life/Conflagration Target Hazard

| Company  | Basic/Minimum Tasks                                    | Minimum # of Personnel Required |
|--|--|---------------------------------|
| <b>Structure Fire – Life/Conflagration Target Hazard</b> |  |                                 |
| Battalion  | Establish command, size up, incident safety officer    | 1                               |
| 1st Engine   | Division / Group Supervisor / Operations Section Chief | 1                               |
|  | Pump operator  | 1                               |
|  | Attack hoseline  | 2                               |
| 2nd Engine   | Back-up hoseline                                       | 2                               |
|  | Interim Rapid Intervention Crew (IRIC)                 | 4                               |
| 3rd Engine   | Support first two engines                              | 2                               |
| 1st Truck  | Forcible entry, ventilation                            | 2                               |
|  | Primary search   | 2                               |
|  | Engineer/Pump operator                                 | 1                               |
| 2nd Truck  | Forcible entry, ventilation                            | 2                               |
|  | Life rescue  | 2                               |
| Chief Officer  | Assist command   | 1                               |
| <b>TOTAL</b>   |  | <b>22</b>                       |

Figure 28 - Industrial Target Hazard

| Company  | Basic/Minimum Tasks  | Minimum # of Personnel Required |
|--|--|---------------------------------|
| <b>Structure Fire – Industrial Target Hazard</b> |  |                                 |
| Battalion  | Establish command, size up, incident safety officer        | 1                               |
| 1st Engine                                       | Division / Group Supervisor / Operations Section Chief     | 1                               |
|  | Fire Attack Group 1; recon, hoseline, standpipe operations | 3                               |
| 2nd Engine                                       | Fire panel   | 1                               |
|  | Water supply FDC   | 2                               |
|  | Fire Attack Group 1; recon, hoseline, standpipe operations | 2                               |
| 3rd Engine                                       | Fire Attack Group 1; recon, hoseline, standpipe operations | 3                               |
|  | Fire Attack Group 2 Supervisor                             | 1                               |
| 1st Truck  | Fire Attack Group 1; recon, search & rescue                | 2                               |
|  | Fire Attack Group 1; forcible entry & ventilation          | 2                               |
| 2nd Truck  | Fire Attack Group 2; recon, search & rescue                | 2                               |
|  | Fire Attack Group 2; forcible entry & ventilation          | 2                               |
| Chief Officer                                    | Assist command   | 1                               |
| <b>TOTAL</b>                                     |  | <b>22</b>                       |

Figure 29 - HAZMAT Incident - Small Scale

| Company                              | Basic/Minimum Tasks                                    | Minimum # of Personnel Required |
|--------------------------------------|--|---------------------------------|
| <b>Hazmat Incident – Small Scale</b> |  |                                 |
| Battalion                            | Establish command, size up, incident safety officer    | 1                               |
| 1st Engine                           | Division / Group Supervisor / Operations Section Chief | 1                               |
|                                      | Hazard mitigation                                      | 2                               |
|                                      | Emergency decon/safety                                 | 1                               |
| 2nd Engine                           | Operations   | 1                               |
|                                      | Research   | 1                               |
|                                      | Hazard mitigation                                      | 2                               |
| <b>TOTAL</b>                         |  | <b>8</b>                        |



Figure 30 - HAZMAT Incident - Large Scale

| Company                              | Basic/Minimum Tasks                                    | Minimum # of Personnel Required |
|--------------------------------------|--|---------------------------------|
| <b>Hazmat Incident – Large Scale</b> |  |                                 |
| Battalion                            | Establish command, size up, incident safety officer    | 1                               |
| 1st Engine                           | Division / Group Supervisor / Operations Section Chief | 1                               |
|                                      | Hazard mitigation/rescue                               | 2                               |
|                                      | Emergency decon/safety                                 | 1                               |
| 2nd Engine                           | Interim Rapid Intervention Crew (IRIC) team            | 4                               |
| 3rd Engine                           | Evacuate, deny entry                                   | 2                               |
| 4th Engine                           | Evacuate, deny entry                                   | 2                               |
| Chief Officer                        | Assist command   | 1                               |
| <b>TOTAL</b>                         |  | <b>13</b>                       |

### Wildland Fire Incidents

Wildland fire suppression requires an effective response force that is capable of:

- Quickly responding to and suppressing small fires in any Wildland Urban Interface (WUI) area of the district.
- Enhanced level of response to wildfire incidents that are expanding and require multiple resources to suppress. This includes using district resources along with mutual aid from neighboring districts and interagency resources
- Responding to large scale fire incidents that require a draw-down of resources from CRFPD, neighboring districts, and federal agencies. Typically multi-day incidents are low frequency/high impact incidents.

Currently CRFPD employs two person engine crews to quickly respond to small fires. While this response is typically rapid, two person crews have a limited capability to perform actual suppression operations. The advantage of this type of response is rapid initial size-up and resource ordering along with the ability to identify immediate evacuation priorities in the WUI areas. When these crews order resources, a tiered response method is used. Resources are ordered from CRFPD first, and then mutual aid from other agencies.

The effective response force for wildland fires is shown below. Wildland firefighting is a manpower intensive operation and staffing levels greatly affect the ability to respond and keep small fires small, which is the best and only way to mitigate the potential for larger scale destructive fires.

Figure 31- Wildland Fire Incident - Low Fire Danger

| Company   | Basic/Minimum Tasks  | Minimum # of Personnel Required |
|---|--|---------------------------------|
| <b>Wildland Fire Incident – LOW fire danger</b> |  |                                 |
| 1st Engine                                      | Establish command, size up, identify anchor point, safety zone, escape route | 1                               |
|   | Pump operator  | 1                               |
|   | Attack hoseline or hand tools  | 3                               |
| <b>TOTAL</b>                                    |  | <b>5</b>                        |

Figure 32- Wildland Fire Incident - Extreme Fire Danger/WUI

| Company   | Basic/Minimum Tasks  | Minimum # of Personnel Required |
|---|--|---------------------------------|
| <b>Wildland Fire Incident – EXTREME fire danger, Wildland Urban Interface</b> |  |                                 |
| Battalion   | Establish command, size up; identify anchor point, LCES        | 2                               |
| 1st Engine  | Division / Group Supervisor / Operations Section Chief         | 1                               |
|   | Pump operator, establish water supply                          | 1                               |
|   | Attack hot flank   | 2                               |
| 2nd Engine  | Pump operator, establish water supply                          | 1                               |
|   | Attack cold flank, identify LCES                               | 3                               |
| 1st Water Tender  | Identify structure protection or fire attack, identify LCES    | 2                               |
| 2nd Water Tender  | Assist structure protection or fire attack, identify LCES      | 2                               |
| 3rd Engine  | Division Supervisor or Task Force Leader                       | 1                               |
|   | Assist with fire attack or structure protection, identify LCES | 3                               |
| 4th Engine  | Division Supervisor or Task Force Leader                       | 1                               |
|   | Assist with fire attack or structure protection, identify LCES | 3                               |
| Chief Officer   | Assist command   | 1                               |
| <b>TOTAL</b>  |  | <b>21</b>                       |

### **Emergency Medical Services**

Emergency medical responses account for the majority of calls annually within the Carbondale Fire District. These incidents range from basic calls such as minor injuries or illnesses to incidents requiring advanced skills such as cardiac arrests, major trauma or multiple patient incidents. All CRFPD response staff are certified to at least the EMT-Basic level. Each shift is also staffed with at least two Paramedics 24/7 to provide advanced life support service to the community.

The initial effective response force for routine medical calls is one ambulance staffed with 3 personnel and a Battalion Officer responding in addition to the ambulance. If CPR, significant trauma, or bariatric lifting is needed, or if there are multiple patients additional resources will be dispatched or mutual aid will be called for.

Motor vehicle accidents require a combination response of fire and EMS resources. The initial effective response force for motor vehicle accidents is one battalion officer, one ambulance with two personnel and one engine with four personnel to perform fire suppression, vehicle stabilization, extrication and possibly traffic control. If a motor vehicle accident is more complex than a single vehicle and occupant, additional EMS and fire resources will be called for.

Figure 33 - Medical Response

| Company                 | Basic/Minimum Tasks   | Minimum # of Personnel Required |
|-------------------------|---|---------------------------------|
| <b>Medical Incident</b> |   |                                 |
| Battalion               | Establish command, perform size-up                                | 1                               |
| 1st Ambulance           | ALS patient care: IV, Meds, Airway Management, Cardiac Monitoring | 2                               |
|                         | <b>TOTAL</b>  | <b>3</b>                        |
|                         | * CPR Needed  | +3                              |
|                         | * Bariatric/Lifting   | +2                              |

Figure 34 - MVA with Injuries

| Company                                     | Basic/Minimum Tasks   | Minimum # of Personnel Required |
|---|---|---------------------------------|
| <b>Motor Vehicle Accident with Injuries</b> |   |                                 |
| Battalion                                   | Establish command, perform size-up                                | 1                               |
| 1st Ambulance                               | ALS patient care: IV, Meds, Airway Management, Cardiac Monitoring | 3                               |
| 1st Engine                                  | Engineer/Pump operator  | 1                               |
|   | Stabilize Vehicle, extrication, hazard control, traffic control   | 4                               |
| <b>TOTAL</b>                                |   | <b>9</b>                        |

## Rescue Incidents

Carbondale & Rural Fire Protection District responds to numerous types of rescue incidents. All calls of these types require an effective response force that is not only well-trained for the incident but also an adequate number of responders in the correct positions to effectively and safely perform the necessary tasks

Figure 35 - Swiftwater Rescue Incident

| Company                            | Basic/Minimum Tasks                             | Minimum # of Personnel Required |
|------------------------------------|---|---------------------------------|
| <b>Swift Water Rescue Incident</b> |   |                                 |
| Battalion                          | Establish command, perform size-up              | 1                               |
| 1st Rescue Unit                    | Establish safety zone                           | 1                               |
|                                    | Rescue operations                               | 4                               |
| 2nd Rescue Unit                    | Rescue operations - Downstream protection, etc. | 4                               |
|                                    | Establish Rapid Intervention Crew (RIC)         | 2                               |
| <b>TOTAL</b>                       |   | <b>12</b>                       |

Figure 36 - High Angle Rescue Incident

|                                   |                                    |          |
|-----------------------------------|------------------------------------|----------|
| <b>High Angle Rescue Incident</b> |                                    |          |
| Battalion                         | Establish command, perform size-up | 1        |
| 1st Rescue Unit                   | Victim/patient rescue              | 6        |
| <b>TOTAL</b>                      |                                    | <b>7</b> |

Figure 37- Avalanche/Mudslide Incident

|                                    |                                    |          |
|------------------------------------|------------------------------------|----------|
| <b>Avalanche/Mudslide Incident</b> |                                    |          |
| Battalion                          | Establish command, perform size-up | 1        |
| 1st Rescue Unit                    | Establish perimeter                | 2        |
|                                    | Victim/patient rescue              | 6        |
| <b>TOTAL</b>                       |                                    | <b>9</b> |





# Setting Service Level Objectives

## Current Baselines

Figure 38 - Incidents by Day of the Week

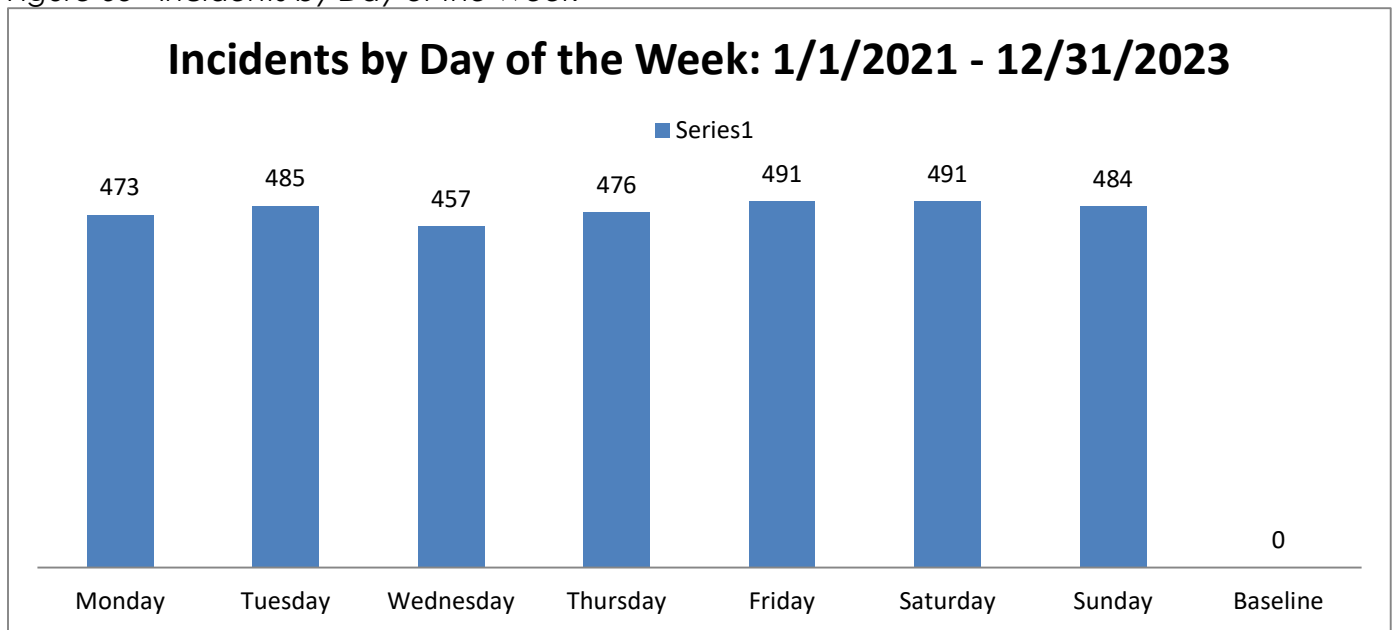


Figure 39 - Incidents by Time of Day

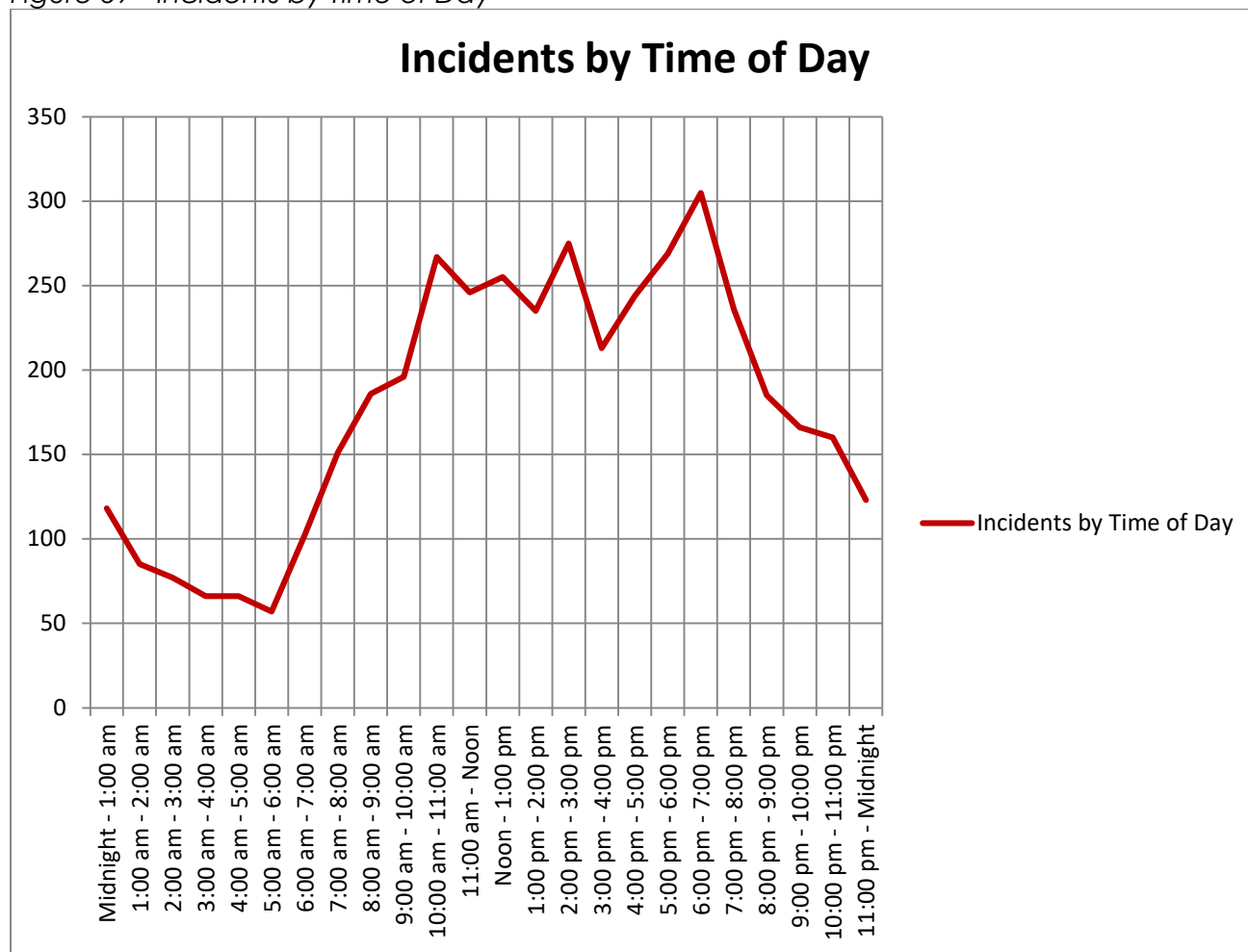


Figure 40 - Incidents by Month

### Incidents by Month 2021-2023

|             | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 2021        | 106 | 87  | 69  | 85  | 83  | 138 | 135 | 103 | 109 | 109 | 124 | 126 | 1274  |
| 2022        | 110 | 84  | 89  | 108 | 93  | 116 | 135 | 161 | 123 | 133 | 100 | 135 | 1387  |
| 2023        | 102 | 110 | 128 | 99  | 134 | 116 | 186 | 169 | 143 | 136 | 134 | 165 | 1622  |
| AVG         | 106 | 94  | 95  | 97  | 103 | 123 | 152 | 144 | 125 | 126 | 119 | 142 | 1428  |
| Monthly AVG | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 | -     |

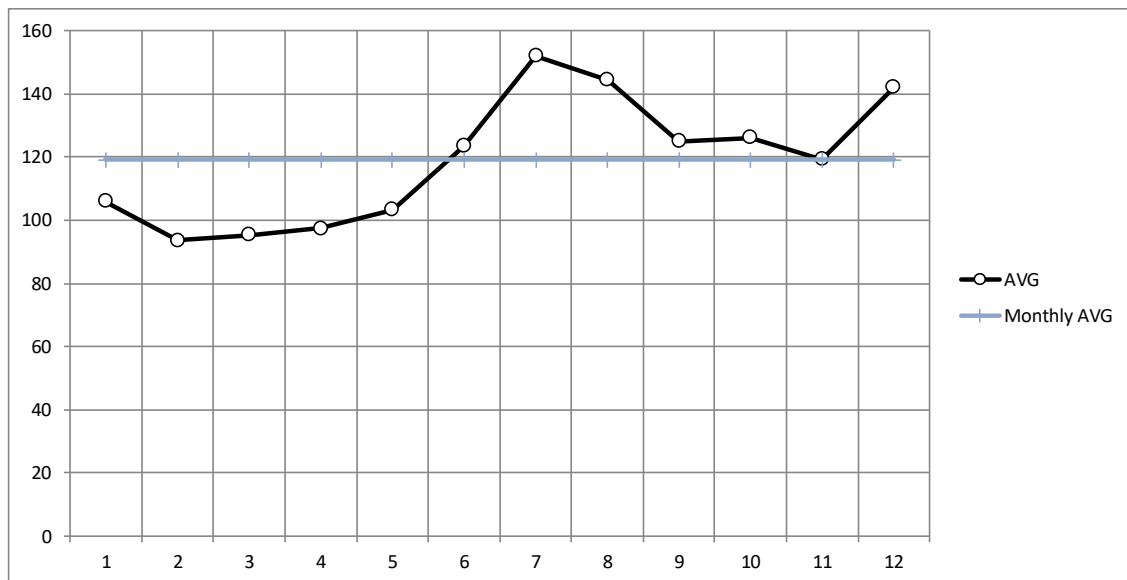
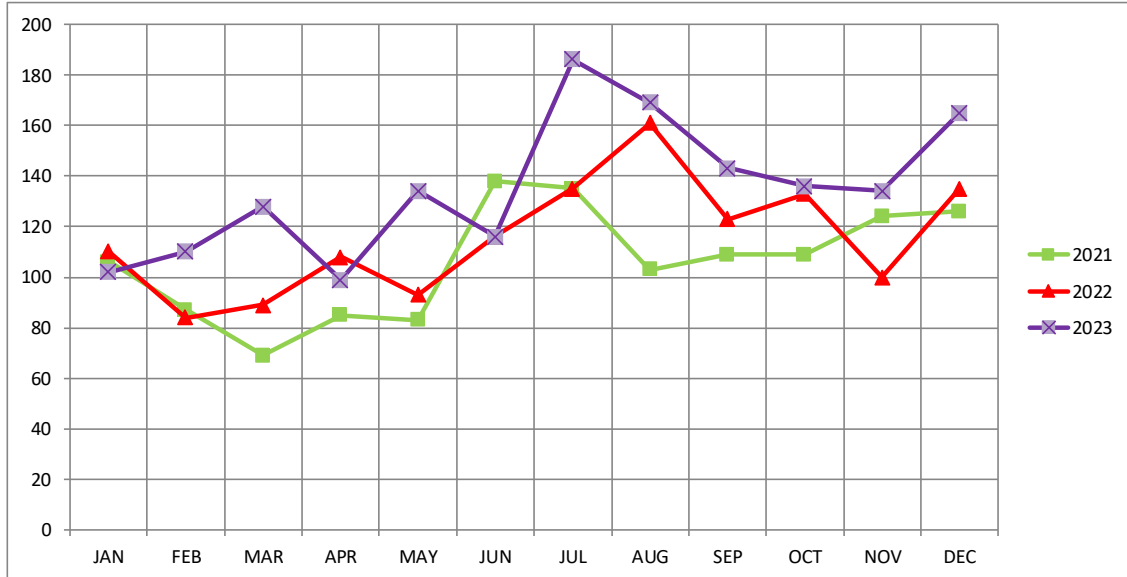


Figure 41 - Station 81 Response Times by Year

**Station 81 - Response Times 2021-2023 by Year**

| <b>2021</b> |                 |            |         |        |          |
|-------------|-----------------|------------|---------|--------|----------|
| Station 81  |                 | Processing | Turnout | Travel | Response |
|             |                 |            |         | 747    |          |
| CARB 811    | Median          |            | 3:40    |        | 8:09     |
| CARB 811    | 80th Percentile |            | 5:40    |        | 12:32    |
|             |                 |            | 19      |        | 19       |
| CARB 812    | Median          |            | 3:21    |        | 16:29    |
| CARB 812    | 80th Percentile |            | 6:09    |        | 18:30    |

| <b>2022</b> |                 |            |         |        |          |
|-------------|-----------------|------------|---------|--------|----------|
| Station 81  |                 | Processing | Turnout | Travel | Response |
|             |                 |            |         |        | 831      |
| CARB 811    | Median          |            | 2:52    |        | 7:21     |
| CARB 811    | 80th Percentile |            | 4:26    |        | 10:46    |
|             |                 |            | 19      |        | 19       |
| CARB 812    | Median          |            | 3:59    |        | 15:07    |
| CARB 812    | 80th Percentile |            | 5:10    |        | 22:10    |

| <b>2023</b> |                 |            |         |        |          |
|-------------|-----------------|------------|---------|--------|----------|
| Station 81  |                 | Processing | Turnout | Travel | Response |
|             |                 |            |         | 845    | 845      |
| CARB 811    | Median          | 1:25       | 2:42    |        | 7:19     |
| CARB 811    | 80th Percentile | 2:21       | 3:50    |        | 9:45     |
|             |                 | 36         | 36      |        | 36       |
| CARB 812    | Median          | 1:20       | 3:07    |        | 14:08    |
| CARB 812    | 80th Percentile | 2:00       | 4:09    |        | 16:56    |



Figure 42 - Station 84 Response Times by Year

**Station 84 - Response Times 2021-2023 by Year**

| <b>2021</b>       |                 |                   |                |               |                 |
|-------------------|-----------------|-------------------|----------------|---------------|-----------------|
| <b>Station 84</b> |                 | <b>Processing</b> | <b>Turnout</b> | <b>Travel</b> | <b>Response</b> |
|                   |                 |                   | 16             |               | 16              |
| CARB 841          | Median          |                   | 4:57           |               | 17:13           |
| CARB 841          | 80th Percentile |                   | 6:47           |               | 22:02           |
|                   |                 |                   | 1              |               | 1               |
| AA 7284F          | Median          |                   | -              |               | -               |
| AA 7284F          | 80th Percentile |                   | 14:02          |               | 19:49           |
|                   |                 |                   | 16             |               | 16              |
| AA 8472F          | Median          |                   | 4:39           |               | 21.0            |
| AA 8472F          | 80th Percentile |                   | 5:45           |               | 24.0            |

| <b>2022</b>       |                 |                   |                |               |                 |
|-------------------|-----------------|-------------------|----------------|---------------|-----------------|
| <b>Station 84</b> |                 | <b>Processing</b> | <b>Turnout</b> | <b>Travel</b> | <b>Response</b> |
|                   |                 |                   | 119            |               | 119             |
| CARB 841          | Median          |                   | 3:19           |               | 16:36           |
| CARB 841          | 80th Percentile |                   | 5:20           |               | 25:20           |
|                   |                 |                   | 2              |               | 2               |
| AA 7284F          | Median          |                   | -              |               |                 |
| AA 7284F          | 80th Percentile |                   | 6:16           |               | 19:11           |
|                   |                 |                   | 8              |               | 8               |
| AA 8472F          | Median          |                   | 3:53           |               | 16:22           |
| AA 8472F          | 80th Percentile |                   | 6:28           |               | 23:28           |

| <b>2023</b>       |                 |                   |                |               |                 |
|-------------------|-----------------|-------------------|----------------|---------------|-----------------|
| <b>Station 84</b> |                 | <b>Processing</b> | <b>Turnout</b> | <b>Travel</b> | <b>Response</b> |
|                   |                 | 119               | 119            |               | 119             |
| CARB 841          | Median          | 1:20              | 3:19           |               | 11:05           |
| CARB 841          | 80th Percentile | 2:39              | 5:20           |               | 16:47           |
|                   |                 | 4                 | 4              |               | 4               |
| AA 7284F          | Median          | 2:51              | 4:01           |               | 9:36            |
| AA 7284F          | 80th Percentile | 3:01              | 4:30           |               | 10:18           |
|                   |                 | 12                | 12             |               | 12              |
| AA 8472F          | Median          | 1:07              | 2:53           |               | 9:54            |
| AA 8472F          | 80th Percentile | 1:38              | 4:32           |               | 15:34           |



# Evaluation

The objective of this Standard of Coverage is to identify and maintain a balance among distribution, concentration and reliability that will keep the community risk at reasonable levels while yielding the maximum protection of life and property.

Ultimately it is the community through its elected officials that dictates the Standard of Coverage that will be adopted by the fire district. By its economic decisions with respect to taxation, the community buys a level of fire and life safety service that is consistent with its perceived needs and its available resources. While these decisions can be influenced by many factors, the level of protection available in any community is a local decision that should be made after understanding the local needs, resources and performance.

Each community must decide the appropriate response and travel times for their community. This decision should be based on a variety of factors, including:

- Types of services provided (fire, EMS, specialty response)
- Reasonable travel time for fire department fire apparatus and ambulances to meet emergency response needs of a community
- Size of area served and amount of resources available
- Level of risk a community is willing to accept by establishing or tolerating longer response times.



# Policy Recommendations

## Objective 1

**Effectively address economic and demographic trends to ensure that an adequate level of emergency response capacity is maintained and augmented and to ensure that the district can meet expected response time standards for the community. In addition, maintain and improve the district's ability to adequately staff and respond to concurrent calls for service.**

**Recommendations:** Utilize the Strategic Plan and Standard of Cover documents to identify necessary staffing levels for the next 5+ years, along with identifying adequate revenue options to present to voters of the fire district for approval.

## Objective 2


**Ensure that all staff are adequately trained for the positions and disciplines that they will be required to perform.**

**Recommendations:** Continue to engage with Colorado Mountain College, Roaring Fork School District along with our regional emergency response organizations and with the Colorado Division of Fire Prevention and Control to expand and enhance our ability to provide regular, up-to-date training and education for current and future responders. This includes all disciplines identified in our response model and includes leadership and management education for every level of leadership.

## Objective 3

**Ensure Funding for Fleet, Equipment and Facilities identified through the planning process, including Strategic Plan and Standard of Cover.**


**Recommendations:** Identification of appropriate and adequate funding mechanisms and levels to provide for continual capital replacement of apparatus and equipment. Additionally, provide funding and planning for needed facilities including fire stations and workforce housing in all areas of the fire district.





## **CRFPD's Commitment**

Carbondale & Rural Fire Protection District commits to continually seeking solutions, partnerships and funding opportunities to accomplish the stated goals in this Standards of Response Coverage document. Additionally, CRFPD commits to ensuring implementation of best practices and policies to ensure the safety of every member of the Carbondale & Rural Fire Protection District.





You  
are  
super.

DEAR CARBONDALE AND RURON FIRE PROTECTION,  
WE GREATLY APPRECIATE YOUR HELP IN  
BATTLING THE FIRES IN N.A. THE EATON  
FIRE IS CLOSE TO OUR HOME - MANY OF  
OUR MEMBERS WERE DIRECTLY IMPACTED.  
WE ARE A GROUP OF 300 - MOMS AND  
DAUGHTERS HERE IN THE PASADENA / ALTADENA  
AREA. WE ARE INCREDIBLY THANKFUL FOR  
YOUR SERVICE AND DEDICATION TO HELPING  
OTHERS AND PROTECTING THE COMMUNITY  
EVERY DAY.

THANK  
YOU!!  
~~AT~~

WITH APPRECIATION,  
VIENNA, KELLY AND EVERYONE  
AT NCH PASADENA