

Consolidated Annual Report



Year 2024

Harrisonburg Fire Department



Response Information:

NFIRS Incident Type	Month	YTD
Fire		154
Overpressure/Explosion		8
Emergency Medical Services		3,891
Hazardous Condition		403
Service Call		568
Good Intent Call		1,049
False Alarm/Call		710
Severe Weather		0
Special Incident		3
Totals		6,786

Mutual Aid Given Responses		244
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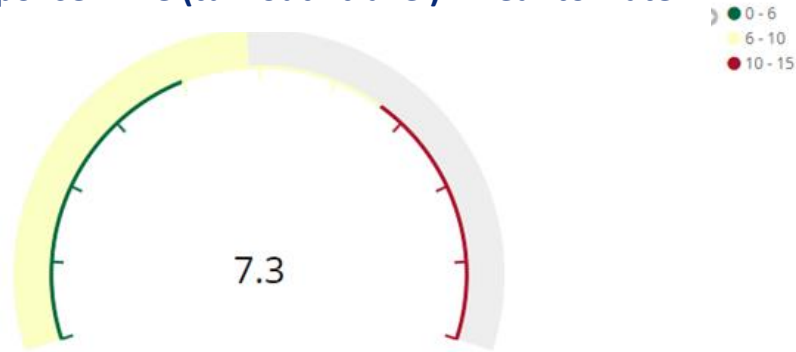
Fire Loss by Occupancy Type	# of Fires	Est. Bldg Loss	Est. Total Saved
Assembly	3	\$4,500	\$6,964,700
Educational	2	\$27,000	\$124,772,500
Health Care/Detention	1	\$250	\$1,500,750
Residential	34	\$307,180	\$85,360,570
Business	4	\$14,620	\$739,000
Industrial			
Manufacturing			
Storage	3	\$13,600	\$241,900
Outside/Special Property	66	\$321,024	\$32,979,847
Total	113	\$688,174	\$252,559,267

Casualties	Month	YTD
Civilian Deaths		0
Civilian Injuries		6
Firefighter Injuries		18
Totals		24

Response Time: The goal of turnout and travel time is 6 minutes in the HFD:

2 minutes for turnout + 4 minutes for travel time. We measure our performance using fractile percentage: our report reflects our performance to 90% of all calls. This is far more accurate than reporting “averages” which reflects only 50% performance. This also reflects all calls for service including emergency and non-emergency responses.

Response Time (turnout +travel) – Year to-Date



90th percentile of Response Time (min.)

Significant Responses

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Fire Prevention & Education:

Inspections & Pre-Fire Plans	Month	YTD
Fire Inspections		3,282
Violations Cited		1,893
Pre-Fire Plans Conducted		337

Public Education & Other Activities	Month	YTD
Fire & Life Safety Education Classes/Events		340
Number of Persons Reached		16,035
Smoke Alarm Inspections		1,142
Smoke Alarm Installations		147
Child Safety Seat Inspections		546
Child Safety Seat Problems Found		107

Child Safety Seats New/Installed Correctly		307
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Significant Fire Prevention & Education Activities
<u>Smoke/CO Alarms For 2024</u> Residences Checked = 427 Smoke Alarm Batteries Replaced = 73 CO Alarms Checked = 58 CO Alarm Installed = 47 CO Alarm Batteries Replaced = 4 <u>Child Safety Seats In Detail For 2024</u> Loaners Issued = 8 VDH Car Seats Distributed = 172 Car Seats Provided (Grants, Emergency) = 51 Installation of Uninstalled Car Seats = 235 Installed Correctly = 80 Corrections = 82

Training:

	Month	YTD
Training Hours		12,716.31
Physical Fitness Hours		2,559.5
Totals		15,275.81

Significant Training Activities

Significant Emergency Management & Other Activities

2024 Annual Emergency Management Report Summary

Personnel and Training

- Welcomed new team member, Jamison Ryder, focusing on exercises, plan reviews, updates, and emergency preparedness.
- Numerous training and exercises: TEEX cybersecurity, active attack response, bomb threat, and tabletop exercises with multiple agencies and schools.

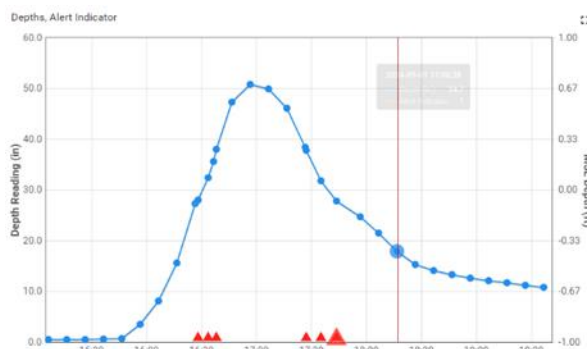


Community Engagement

- Conducted outreach meetings and workshops focusing on community cybersecurity, stakeholder engagement, and mass notification improvements.
- Participated in interviews and webinars for public awareness and educational purposes, e.g., farm markets, schools, and public discussions on emergent threats.

Disaster Response and Coordination

- Coordinated regional support during the wildfires in March with VDEM, National Guard, and other state departments.
- Managed flooding events related to Tropical Storm Debby in August and Helene in September.
- Applied for the City to be recognized as a StormReady Community.



Infrastructure and Technological Enhancements

- Collaborated on deploying new road monitors to predict weather-related road conditions using AI.
- Participated in VESTEX and regional hazard mitigation planning, emphasizing improving disaster response and communication.

Special Events

- Reviewed and approved Emergency Action Plans for large events, including Best.Weekend.Ever and Holiday Parades.

- Managed heat advisories affecting special event planning during warm periods.

Monthly Highlights

- **January:** Integrate new staff and focus on recovery from cybersecurity incidents.
- **February:** Managed bomb threats and syphilis prevention outreach.
- **March:** Wildfire coordination, severe weather awareness.
- **April:** Focus on mass notification systems and cooperation with other jurisdictions.
- **May - June:** Lunches and coordination with regional EM offices.
- **July:** Submission of StormReady paperwork and conduct of active shooter training.
- **August:** Managed tropical storm impacts and visited NWS for Storm Ready application.
- **September:** Conducted a cyberattack tabletop and responded to local rain events.
- **October:** Focused on storm response coordination with authorities.
- **November:** Assisted with election day command post; road monitoring tech installed.
- **December:** Tested new road condition monitoring systems and continued community outreach through winter events.



Implications

The activities of 2024 highlight growing collaboration between Harrisonburg and surrounding jurisdictions, emphasizing infrastructure robustness against natural and cyber threats. Future directions may involve deepening mass communication systems, enhancing tech deployments in road safety, and strengthening regional EM coordination, fostering more dynamic community engagement strategies.

2024 Annual UAV/Robotics Team Report Summary

Operations and Deployment

- **Total Requests:**
 - 2024: 45 requests
 - Notable Increase: From 2023 (31 requests) to 2024 (45 requests)
- **Localities Supported:**
 - Extensive support provided to Harrisonburg consistently
 - Additional assistance extended to Rockingham County, Page County, Greene County, Virginia State Police, JMU, Rockbridge County, and Winchester.

Key Missions

- **Types of Requests:**
 - Varied missions include Law Enforcement, Fire Department, Public Relations, Search and Rescue, Traffic Crashes, Hazardous Materials, Structure Fire Monitoring, GIS, and Special Events.
- **Noteworthy Events:**
 - Provided critical overwatch at large events such as Winchester's Apple Blossom Festival.
 - Assisted Rockbridge County with search operations involving a missing elderly woman and river search.
 - Monitored the JMU homecoming parade.



Training and Capability Development

- Welcomed new team members from HFD; provided integral training sessions.
- Conducted quarterly training focused on the new drone models and software.
- Drone pilots attended specialized FAA Part 107 testing seminars facilitated by George Mason Police.

Equipment Upgrade

- Transitioned to updated drones due to regulatory changes and obsolescence.

- Acquired new airframes: DJI M3s and Avatar 2.0, replacing older models.
- Conducted pilot training for the new models upon deployment.

Public Safety and Outreach

- Engaged in public education initiatives, providing video and photographic documentation for public safety demonstrations.
- Facilitated UAV demonstrations for the Governor's cabinet and legislators, highlighting UAV roles, benefits, and challenges in public safety.



Implications

The UAV/Robotics Team's 2024 activities underscore their expanded operational scope, increased demand for UAV support across multiple jurisdictions, and commitment to integrating updated technologies. This year highlights their pivotal role in enhancing law enforcement, emergency response, and public safety initiatives. Future endeavors will likely focus on continued training and adapting to new regulations and technologies.