

MASON FIRE DEPARTMENT



Highway Dedication ó May 14, 2004

ANNUAL REPORT

2004

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The Mason Fire Department responded to 159 incidents in 2004. This represents a decrease of 4 responses from 2003. There was a decrease of 6 responses in the city, an increase of 9 incidents in Vevay Township, and a decrease of 9 incidents in Aurelius Township. Mutual aid requests from neighboring departments increased by 2.

The 2004 response numbers were:

City of Mason	69
Aurelius Township	19
Vevay Township	44
Mutual Aid	<u>27</u>
	159

The 2003 response numbers were:

City of Mason	75
Aurelius Township	28
Vevay Township	35
Mutual Aid	<u>25</u>
	163

The following is a breakdown of incidents and totals for 2004 compared to 2003:

	<u>2004</u>	<u>2003</u>
City of Mason		
Structure fires	4	4
Vehicle fires	2	3
PI accidents	0	1
False alarms (alarm systems, fires unable to locate)	30	26
Carbon Monoxide alarms	1	5
Miscellaneous (wires down, fuel leaks, odor investigations, etc)	27	30
Fires other (rubbish, unauthorized & authorized burning, fires out on arrival, etc)	3	4
Severe weather	<u>2</u>	<u>2</u>
Total	69	75

In 2004, within the City of Mason, there were 55.6 actual hours spent at these 69 incidents, an increase of 7.1 hours from 2003. The property loss was approximately \$144,350 for all incidents, a decrease from \$155,600 in 2003. The property loss figure includes structure, contents, and vehicle losses. An average of 11.8 firefighters responded to these incidents, the same as 2003. The average response time from tone to on scene was 5.65 minutes, a slight increase from 5.38 minutes in 2003.

Aurelius Township

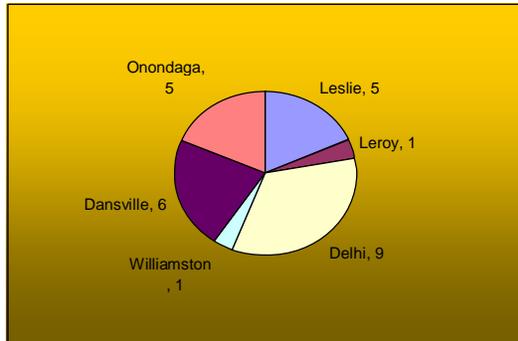
Structure fires	2	9
Vehicle fires	0	0
PI accidents	4	4
False alarms (alarm systems, reported fires unable to locate)	1	6
Carbon Monoxide alarms	1	1
Miscellaneous (wires down, fuel leaks, Odor investigations, etc)	5	5
Fires other (rubbish, unauthorized & authorized burning, fires out on arrival, etc)	5	2
Wild land, grass fires	<u>1</u>	<u>1</u>
Total	19	28

In 2004, within Aurelius Township, there were 23.2 actual hours spent at these 19 incidents, a decrease of 14.7 hours from 2003. The property loss was approximately \$35,000, a significant decrease from \$280,200, in 2003. This includes structure and contents. An average of 11.7 firefighters responded to these incidents, a decrease from 14 in 2003. The average response time from tone to on scene was 9.5 minutes, a slight increase from 9.04 minutes in 2003.

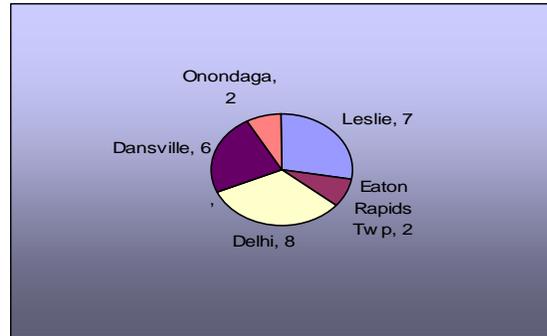
Vevay Township	<u>2004</u>	<u>2003</u>
Structure fires	2	1
Vehicle fires	2	3
PI accidents	5	4
False alarms (alarm systems, reported fires unable to locate)	5	10
Carbon Monoxide alarms	1	2
Miscellaneous (wires down, fuel leaks, odor investigations, etc.)	13	4
Fires other (rubbish, unauthorized burning, fires out upon arrival, etc.)	10	4
Wild land, grass fires	<u>6</u>	<u>7</u>
Total	44	35

In 2004, within Vevay Township, there were 36.5 actual hours spent at these 44 incidents. The property loss was approximately \$120,500 for all incidents, a significant increase from \$27,400 in 2003. This includes structures, contents, and vehicle losses. An average of 11.5 firefighters responded to these incidents, a decrease 13.5 in 2003. The average response time from tone to on scene was 8.2 minutes, a slight increase from 8.06 minutes in 2003.

MUTUAL AID

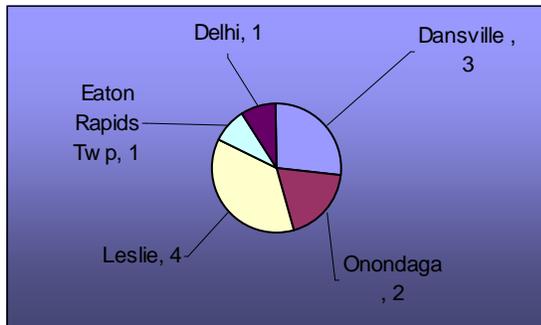


2004 Given

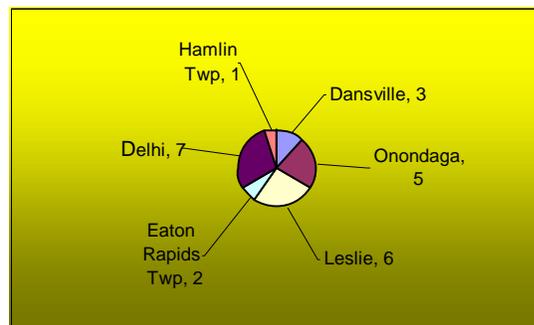


2003 Given

Mutual aid is critical to the safety of our firefighters and citizens. Mutual aid also reduces property loss at the scenes of various incidents. There is no one fire department in the out county that has the resources to handle every incident alone. The figure of 9 for Delhi is misleading as 4 of these responses were bad location calls from cell phones for minor incidents that ended up being in Delhi coverage area. In 2004, a total of 50.1 actual hours were spent at these 27 incidents. This is a slight decrease from 50.27 hours at 25 incidents in 2003.



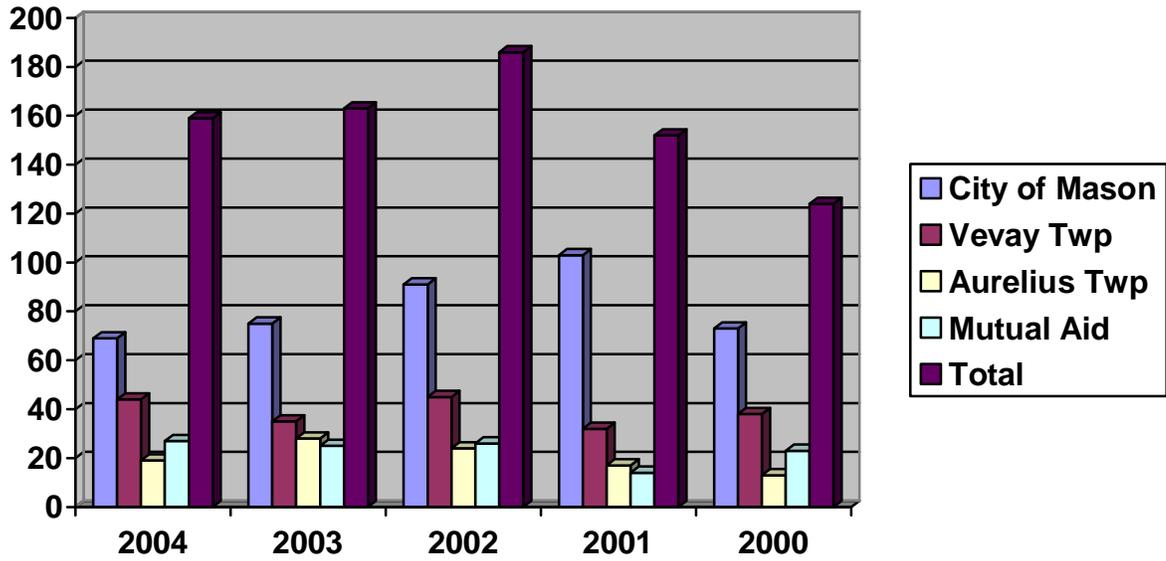
2004 Received



2003 Received

Mutual aid is received as well as given. In 2004, mutual aid was received from our neighboring departments 11 times. This is a decrease of 13 from 2003. The size of the incident and manpower issues dictates when mutual aid is needed. 2004 was just a year when Mason did not need as much help as in the past. It only takes one large incident to make up for what at this time seems to be a lop sided figure on given verses received.

The following chart represents a five year average of response totals.



Mason Fire Department Structure Fire Analysis 2004

Date	Address	Structure Type	Loss*
1/25/04	130 W Ash Street	Business	\$6,000
1/28/04	140 Rayner Street	Garage	\$15,000
2/15/04	317 E Oak Street	Dwelling	\$105,000
3/5/04	405 E Oak Street	Dwelling	\$1,500
4/16/04	600 S Eifert Road**	Dwelling	\$35,000
4/17/04	5351 Bunker Road**	Outbuilding	Undetermined
5/30/04	841 Hull Road***	Business	\$2,000
8/5/04	1923 Eden Road***	Dwelling	\$89,000

*Loss includes contents **Aurelius Township ***Vevay Township

TRAINING

In 2004, approximately 1,943 man hours were spent at the scenes of various incidents. In addition, approximately 1,123 man hours were spent at regularly scheduled every other Friday night training sessions at the station. Along with these training sessions many hours were spent on nights and weekends to participate in other training opportunities. Examples include training burns, Ingham County Haz Mat Team members that meet the first and third Tuesday every month, Ingham County Tanker Task Force that meets and practices quarterly, Ice Rescue, Fire Prevention activities, Honor Guard practice, etc.



Kent Feeds in the past few years has offered their facility for a training session. This is one of the tallest buildings in our fire coverage area and offers some unique opportunities for training. This included aerial and pumper evolutions at a large structure to removing a victim from heights greater than normal.



In October the Tanker Task Force was invited to train with the City of Lansing on a water shuttle operation. This invitation and exercise was the direct result of a major power interruption in 2003 that left the city with limited water reserves. Water was drafted from the Grand River, transported 2 miles, dumped into porta tanks, then drafted and discharged back into the Grand River on Michigan Avenue. This was a huge success with over 200,000 gallons of water being drafted, hauled, and pumped.



Five members of the Mason Fire Department are members of the Ingham County Haz Mat Team. In 2004, these members along with the rest of the county team were trained to the Technician level. This consisted of an extra 80 hours of training per person in the evenings and on Saturdays.

The Mason Fire Department has a dedicated Ice Rescue Team lead by Lieutenant Buckner. The team practices on a regular schedule from October through March. They will attempt rescue only on visible victims. Anyone that has gone under the ice is turned over to the Ingham County Sheriff's Dive Team. The dive team and an ambulance are an automatic call if the Ice Rescue Team is called into service.



These few training sessions highlighted above show the dedication and desire that members show to be the best they can be. It must be noted these extra curricular training sessions are done with no pay and usually with some out of pocket expense to the participants.

HIGHLIGHTS



In May the Mason Fire Department was honored to have Governor Granholm and Senator Byrum at the station to dedicate the portion of US 127 running through Ingham County in Chief Pelton's honor. The signs reading "JAMES M PELTON FIREFIGHTERS MEMORIAL HIGHWAY" were placed on US 127 and Kipp Road northbound and US 127 and Lake Lansing Road southbound. A large crowd was on hand to witness this token of appreciation to Chief Pelton.



This year maintenance work was done at Station 2 located at 605 Curtis Street. General repairs were done to the exterior and a new coat of paint to the whole building will protect it from the elements for years to come.

A grant was written to replace our aging SCBA (Self Contained Breathing Apparatus) air compressor. This grant was awarded in the fall of 2004 and will be installed in early 2005. This was a federal government grant through the Assistance to Firefighters Grant Program. The grant amount was for \$35,000 with a 10% match from the City. This will be a great and much needed addition to our equipment.

The third annual Mason Cares event was again held on September 11th. This fell on a Saturday this year and like previous years was a huge success. Area businesses and civic organizations donated cleaning supplies, food, and money. Citizens donated their time and elbow grease to clean the station and apparatus. This continues to be a great opportunity for the residents of Mason and the surrounding area to come to the station, and see the equipment, interact with the members of the fire department, and complete many tasks as a community.



The annual fireworks program under the direction of Assistant Chief Minshall continues to be a huge success. Many people make a day of being in Mason and partaking of activities throughout the day ending at the fairgrounds for the fireworks. Numerous hours are spent by fire department members working on the ground displays, fusing the mortars, and setting the racks the mortars are fired from. The following day, day with assistance from the boy scouts, we were back to clean the trash from the grounds.

PERSONNEL

2004 saw several personnel changes. Leaving the department for various reasons were Brian Ball, Jeff Nock, Aaron Smith, and Bob Woodland. We were fortunate to add two new members, Dana Clifford and Justin Day, which will be in trainee status for one year. Dana came to us already Firefighter 1 & 2 certified and Justin will be in class for his certification in early 2005. Trainees that were moved into full firefighter positions were Dan Kennedy, Paul Tuttle, and Matt Wood.



On December 4th, 2004, Engineer Jim Hays was named Firefighter of the Year. Jim has spent countless and many unrecognized hours serving the department over the years working on apparatus and equipment. Jim exemplifies a model employee through his commitment as a volunteer firefighter for the City of Mason. Jim always performs more than expected on a day-to-day basis. He does this out of a desire to serve, not personal recognition. We wish to congratulate Jim with this well deserved honor of Firefighter of the Year 2004.

MASON FIRE DEPARTMENT PERSONNEL ROSTER

David Scutt, Chief (25yrs)

Kerry Minshall, Assistant Chief (24 yrs)

Mark Howe, Captain (22 yrs)

Michael Buckner, 1st Lieutenant (16 yrs)

Stephen Armstrong, 2nd Lieutenant (30 yrs)

Jerry Adams, Firefighter (17 yrs)
Leon Clark, Firefighter (25 yrs)
Andrue Combs, Firefighter (2 yrs)
Scott Etzel, Firefighter (2 yrs)
Dennis Howe, Firefighter (26 yrs)
Jim Jones, Firefighter (17 yrs)
Dan Kennedy, Firefighter (1yr)
Larry Martin, Firefighter (29 yrs)
Art Moul, Firefighter (10 yrs)
Rob Ottke, Firefighter (4 yrs)
Dave Reid, Firefighter (9 yrs)
John Sabbadin, Firefighter (9 yrs)
Debra Scutt, Firefighter (19 yrs)
Paul Tuttle, Firefighter (1yr)
Matt Wood, Firefighter (1yr)

Norman Austin, Engineer (32 yrs)
Jim Hays, Engineer (21 yrs)
Don Gailey, Engineer (15 yrs)
Leon Langridge, Engineer (20 yrs)
Don Parsons, Engineer (26yrs)
Dennis Whipple, Engineer (41 yrs)
Russ Whipple, Engineer (15 yrs)

Dana Clifford, Trainee
Justin Day, Trainee
Scott Preadmore, Trainee

APPARATUS



Tower 808 is a 2000 Pierce Dash 100 foot platform. It is powered by a 500hp Cummings diesel, with a 2000 gallon per minute pump. This unit is second out for any structure fires. It has an AMPS 10k hydraulic generator, 300 gallon water tank, a full compliment of ground ladders, and 1,000 feet of large diameter supply line. The cab will hold 6 personnel and has air supplied to the platform.



Engine 809 is a 1990 Grumman with a 1250 gallon per minute pump. This engine carries 1,000 gallons of water and 1,000 feet of large diameter supply line. This engine is the first out for any structure fire and vehicle fires during inclement weather. This engine has seating for 8 in an enclosed cab. This unit also carries some extrication equipment to respond to vehicle accidents.



Engine 806 is a 1984 Grumman with a 1000 gallon per minute pump and a 1,000 gallon water tank. This engine is the first out for vehicle fires during good weather and third out for structure fires. We can carry 5 personnel, three in the open back and two in the cab.



Tanker 807 is a 1984 3,000 gallon apparatus with a 500 gallon per minute pump on a Ford chassis. This tanker is housed at Station 2 on Curtis Street. It is the first tanker out when water is needed in the townships. This tanker is also part of the Ingham County Tanker Task Force and will go anywhere in Ingham County or the eastern part of Eaton County if needed.



Tanker 811 is a 1983 International tractor with a 2,800 gallon 1947 water tank. It carries a 650 gallon per minute pump driven by its own diesel engine. There has been a lot of hard work done on this unit by our own members to make this a very dependable tanker. This is second tanker out for water supply in the townships.



Ladder 818 is a 1973 Joyce on a Ford Chassis. This apparatus started out as an engine and in 1980 a 50 foot Snorkel was added. Ladder 818 has a 750 gallon per minute pump and carries 300 gallons of water. This is considered a reserve unit, but is still maintained and in service for response.



Brush 810 is a 1993 Dodge four wheel drive pick-up with a 100 gallon water tank and a 9 gallon per minute pump. This unit is used only for brush and wild land fires. Equipment carried includes portable water back packs, brooms, pitch forks, shovels, and a 5,000 lb winch and brush guard.



Squad 815 is a 1992 Chevrolet 3500 with an ambulance type box. This unit is used to haul specialty equipment such as Surface Ice Rescue, Hurst Extrication Equipment, and Confined Space Rescue Equipment. We also carry extra air cylinders to be used at fire incidents. This unit responds to every working fire with extra personnel, is used at the scene for firefighter rehab, and responds first to any vehicle pin in accident.



The Command Vehicle is a 1999 Jeep. This was formerly a police vehicle and when it was retired, the fire department purchased it from the motor pool. This unit responds directly to the fire scene and Incident Command is established and directed out of this vehicle.



814 is a 1989 Chevrolet pick-up. This vehicle belonged to the Department of Public Works. This unit was acquired to pull the Fire Safety House to various locations and is used for other fire prevention duties.

The apparatus fleet remains unchanged from 2004. In 2004 all apparatus tires, except Tower 808, were broken down and tubes were replaced per OSHA regulations at a cost of \$2,765. Rear tires were replaced on Engine 809, at a cost of \$1,207 and all tires on the Jeep for \$310.

Other repairs:

Ladder 818 ó Brake work, \$216

Engine 809 ó Throttle cable, \$350

Tanker 807 ó Brakes, \$2, 200

Tanker 811- Brake work - \$550

Annual maintenance was completed on all apparatus, oil change and filter, grease, fuel filters, transmission oil and filters, check of the cooling system, oil change of the pumps, check batteries, check rear axle fluid, check power steering fluid, and check primer oil. The cost of this service is \$2,300.

Annual DOT inspection of all apparatus was preformed. This consists of checks and repairs of all brakes, exhaust systems, lighting, steering, fuel system, cab lock down (on tilt cabs), suspension, frame, tires, and wheels and rims. All were certified in 2004 at a cost of \$810.

The aerial ladders on Ladder 818 and Tower 809 and all ground ladders carried on all apparatus were tested and certified with no defects found. \$1,100

Pumps were tested and certified on Engines 806 and 809, Tower 808, and Tanker 807. \$1,200.

Engine 806 and Tanker 807 are now over 20 years old. Replacing Tanker 807 and moving it to reserve status has to be a serious consideration in the very near future. The 3,000 gallon water tank continues to leak. This has been an ongoing problem over the years and should be replaced. Engine 806 is in good mechanical condition but will have to be replaced in the next couple of years.

Overall, the fleet of apparatus continues to be in fair to excellent condition. Annual maintenance has been critical to maintaining this condition and often finds smaller problems that could turn into major repair problems or safety issues.

SUMMARY

Being a member of the Mason Fire Department takes time, lots of time. Many hours are spent away from families, often at less than opportune times. Birthdays are missed, Christmas celebrations are missed, Thanksgiving dinners are missed, other family functions are missed, sleep is missed, and time from work is missed. It takes dedication from the members and understanding from the families to make a strong department. And I thank all the members and families for their support.

During the year assistance is requested from every agency and department in City and County, Mason Police, Ingham County Sheriff's Office, Ingham County Heavy Rescue, Ingham County Road Commission, Mason Area Ambulance, Mason Department of Public Works, and the rest of the City Staff. I would like to take this opportunity to say "Thank You".

A few words sum up the heart of the Mason Fire Department:

The desire to serve, The courage to act

The ability to perform

Respectfully submitted February 21, 2005

Chief David Scutt