



LTF&R

OCTOBER 2024 MONTHLY REPORT



FIRE PREVENTION MONTH!

October is National Fire Prevention Month. During the month Leland Township Fire & Rescue personnel conducted safety talks, brought apparatus & equipment to several schools, and made a presence at local businesses and at the Lake Leelanau Street Fair to gain exposure for our smoke alarm and address sign programs.

Pictured (L-R) above, at St. Mary's School, are Firefighter James Howard, Sergeant Randy Rosselle, and Firefighter VanZandt.



Leland Township Fire & Rescue
 203 Grand Avenue
 P.O. Box 578
 Leland, MI 49654
 (231) 256-7760

Monthly Report for October 2024

Total LTFR Responses October 2024: 55

Year to Date Call Volume: 445

Major Incident Type(s) Breakdown

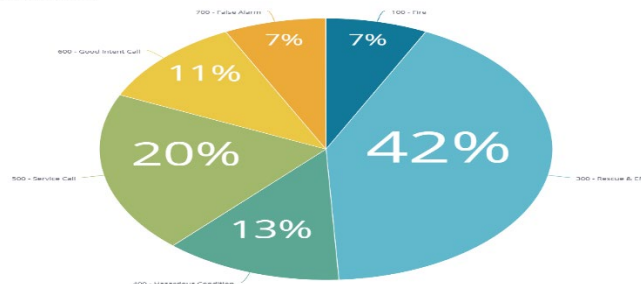
NFIRS Incident Type	# of Incidents Current Month	2023 Monthly Comparison	% of Total Current Month
300- Rescue & Medical	23	22	42%
100 - Fires	4	2	7%
400 - Hazardous Conditions	7	3	13%
700 - False Alarm	4	2	7%
500 - Service Incidents	11	4	20%
Other	6	4	11%
TOTAL	55	37	

Differential from previous years

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TTL
2018	38	26	24	32	41	38	62	63	47	48	33	29	481
2019	21	30	29	29	44	29	50	51	45	44	41	37	450
2020	33	31	27	35	44	52	59	48	42	35	57	37	500
2021	32	33	50	26	46	47	70	71	30	32	40	43	521
2022	32	32	38	26	37	49	61	53	39	69	35	38	509
2023	34	25	33	35	23	44	75	41	52	37	29	35	463
2024	30	31	32	29	39	53	70	62	44	55			445*
Difference from 2023*	-4	+6	-1	-6	+16	+9	-5	+11	-8	+18			+46

*Year to date

NFIRS Incident Type Group Breakdown



**Leland Township Fire Rescue
October 2024 Monthly Report**

Mutual Aid / Automatic Aid

Given: 10 calls

Received: 2 calls

21.8% of our calls involved mutual aid being received or given.

Training

Fire Personnel completed a total of **96.5 hours of classroom or practical training**. Personnel also completed **8 hours of online training** too. Training topics included: Personal Protection equipment, hose line evolutions, Engine 512 apparatus pumping evolutions, air bottle cascade refill operations, and personal protection equipment donning/doffing.

Courses/Conferences Attended:

- Emergency Medical Technician – Basic

Calls by Shift

SHIFT	ASSIGNED PERSONNEL	OCTOBER 2024	SHIFT CALLS - YTD
RED	Sgt. Morse, FF Pehrson, & FF Calappi	19	149
GREEN	Sgt. Rosselle, FF VanZandt, & FF Passalacqua	18	140
BLUE	Captain Schelling, Sgt. Johnson, & FF Hall	18	156

Zone Statistics

ZONE	OCTOBER 2024	YEAR TO DATE
Box 501 – North	11	56
Box 502 – East	1	22
Box 503 – South (LL)	18	151
Box 504 – Southwest	5	34
Box 505 – West (Leland)	9	112
Box 506 – Fishtown	1	7
Mutual Aid – Out of Leland Township	10	60
TOTAL	55	445

Overlapping Calls

Overlapping calls are two or more calls occurring at the same time before the Duty Crew can respond to it. For instance, the Duty Crew could be responding to, arriving at, or at the scene of an incident when another call comes in. In October, we had **4 (7%)** overlapping calls.

Year	Overlapping Calls	Overlapping Percentage
2024	42/445	9.4%
2023	43/463	9.3%
2022	70/509	13.75%

False Alarms

False alarms include system malfunctions, smoke mistaken for steam, calls where we were cancelled prior to arrival and accidental alarm trips. In the month of October, we had 4 false calls – about 7% of our calls.

Responding from...

In September our average response time was 6 minutes and 28 seconds. The first arriving apparatus responded from...

- Lake Leelanau Station (or in proximity): 21
- Leland Station (or in proximity): 27
- Other parts of Leland Township: 1
- Out of the area: 2

Apparatus Responses

The top five (5) busiest apparatus for the month:

Apparatus Call Sign	Type of Vehicle	Number of Responses
Engine 512	2012 KME/Ford Engine	26
Alpha 591	2017 Ford E450 Ambulance	23
Alpha 593	2023 Ford Ambulance	22
Engine 511	2014 Rosenbauer Fire Engine	11
Chief 501	2018 Ford Explorer	8

*=tied (if applicable)

Upcoming Birthday Wishes:

- None

Department Anniversaries:

Members celebrating their LTFR service anniversaries in October were (years in parenthesis):

- Scott Moore (3 years)
- Tim Newton (5 years)
- Chase Schelling (6 years)
- Greg Thomas (1 year)
- Brandon Morse (4 years)

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Call Staffing:

This chart provides the duty crew staffing levels for the number of incidents. Our minimum is two (at least one Paramedic). Several calls involved the response of paid-on-call staff.

- Two FFs on duty: 11 (20%)
- Three FFs on duty: 25 (45.5%)
- Four or more on duty: 19 (34.5%)

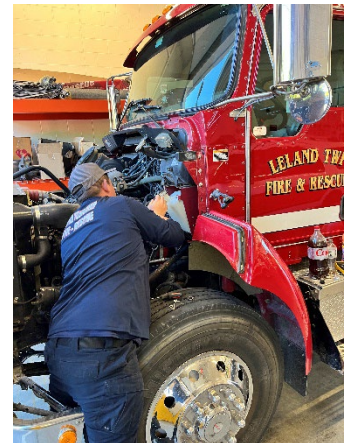
HAAS Traffic Alert Activations:

This chart provides the data surrounding the recent instillation of the HAAS Safey Cloud warning system in four of our apparatus (2 still awaiting the installation). The system allows us to track our fleet's location, traveling speeds, and number of vehicles that were notified by our apparatus when they had their lights and sirens on. In August:

- We alerted **474** total drivers through in-vehicle devices (vehicle navigation/detection systems, Waze® maps, or Apple® maps. So far, we have alerted 1,082 drivers since we installed the system in July (2024).
- Our system detected **100** minutes of response time. This is captured by the number of minutes an apparatus is detected going lights and sirens from one spot to another (i.e.: from the fire station to a call, one call to another, or an incident transporting someone emergent from the scene to a local emergency room). The emergency response time from the start-up of the apparatus and activating the emergency lights to the incident scene was **5.5** minutes.
- Our system detected **18.6** minutes of on-scene time (e.g.: a fire department vehicle parked in or alongside the road warning approaching drivers of an incident - with their lights on - at a scene).

Vehicle Repair, Maintenance, Changes, or Information:

- Engine 512 – repair to the parking brake which would intermittently set. Setting the parking brake is essential to being able to shift the truck into pump, which is necessary to use the truck to fight a fire with, so we had the repair done at Van's Garage in Leland. The cable was adjusted, and additional preventive maintenance was performed. Cost \$165.
- Tanker 521 – during a normal truck check, performed by our duty crew members, the windshield wiper fluid pump was determined to be inoperable. The necessary parts were obtained and repaired inhouse by Sgt. Morse (pictured at the right). Cost \$30
- The township board approved a request to purchase a new pumper/tanker (water carrying apparatus with firefighting capabilities) to replace Tankers 521 and 522. The new rig was ordered and is expected to be here in late 2026!
- Snow tires were purchased for the new ambulance to help navigate the NoMi winters. Cost: \$1581



Fire Prevention/Community Involvement:

- Continued installing smoke alarms and carbon monoxide alarms (13 combined), in Leland Township residences, in the month of October.
- Built seven (7) 9-1-1 address signs. These are sold by the *Leland Volunteer Fire Department* (LVFD) association.
- Leland Township firefighters passed out candy and provided a spooky tour of the Leland Fire Station on Halloween Night. It was a great time!
- Provided EMS coverage at a regional cross-country meet at Veronica Valley Park. Leland Township Fire & Rescue was asked to cover, by Suttons Bay-Bingham Fire & Rescue, due to multiple events occurring at the same time.
- Conducted a fire safety education outreach at the Leelanau Christian Neighbors where we engaged with **90** people (ages 22-88).
- Provided fire prevention chats and equipment demonstrations to the Leelanau Children Center in Leland and St. Mary's School in Lake Leelanau. **68** students from preschool to second grade levels participated.
- Plan review and replies for the Northern Latitudes Distillery and Bluebird Restaurant.
- Set up booth at the Pedaling Beans Coffeeshop, in Lake Leelanau, during fire prevention week to help deliver fire prevention and risk reduction information, as well as address sign and smoke alarm installations, to patrons. We had conversations with **113** people during the 4 days.
- Set up a raffle for fire prevention giveaways. The sign up QR code was placed on a fire prevention sign and placed at businesses in both Leland and Lake Leelanau. Those businesses included: *The Leland Mercantile*, *NJ's Grocery*, *Trish's Dishes*, *Great Lake Chocolate & Café*, *Pedaling Beans*, and the *Northway Gas Station*.
- Attended an operational tour of the Northern Latitudes Distillery – as part of our business familiarization program.
- Hosted a hands-only CPR class for the employees/volunteers of the Leelanau Christian Neighbors and Samaritan's Closet staffs. **20** people attended the two-hour course.
- Set up a fire safety education booth at the Lake Leelanau Street Fair/Harvest Fest where we shared information about our fire & life safety programs with **126** people.



Fire Station/Infrastructure:

- Had preventative maintenance performed on both Leland Township Emergency Weather Sirens.
- Had preventative maintenance performed on the heating and cooling mechanical units at both stations.

Miscellaneous Things Involving Our Department:

- Responded to a grass fire on S. Lake Street caused by discarded ashes. Units responded and extinguished the fire quickly. Units assigned to the call were Chief 501, Brush 542, Gator 583, Engine 512, and Grand Traverse Band Fire Department Brush 742 (cancelled en route).
- Firefighter Cameron Pehrson earned his paramedic license and is in orientation.
- Captain Chase Schelling and Sergeant Randy Rosselle earned their Fire Officer II certification. Sergeant Brandon Morse earned his Fire Officer I certification.
- Sergeant Brandon Morse and Sergeant Greg Johnson responded, as part of a MABAS deployment team, to a large scrapyards fire in Wexford County on October 21st. Agencies from Wexford County, Benzie County, Grand Traverse County, and Leelanau County responded to the multiple alarm fire.
- Hired four paid-on-call firefighters. Welcome to the team Christian Stawiarski, Chauncey Kelly, Kyle Evans, and Dawson Williams. Dawson and Kyle are currently attending an Emergency Medical Technician (EMT) class. Leland Township will have fire members attending the next fire academy (December).
- According to Deputy Chief/Fire Marshal Greg Thomas we were able to share our fire safety information with **407** people during the month of October. Contrast this with fire safety open houses at Glen Lake and Elmwood Fire Departments where the Chiefs reported approximately 28 attendees. He concluded that going out to the public rather than appealing to have them come to the station (e.g., open house) is an effective way to make meaningful contacts.



Fire Chief Besson



Helping To Protect the Peninsula

Our Month In Pictures



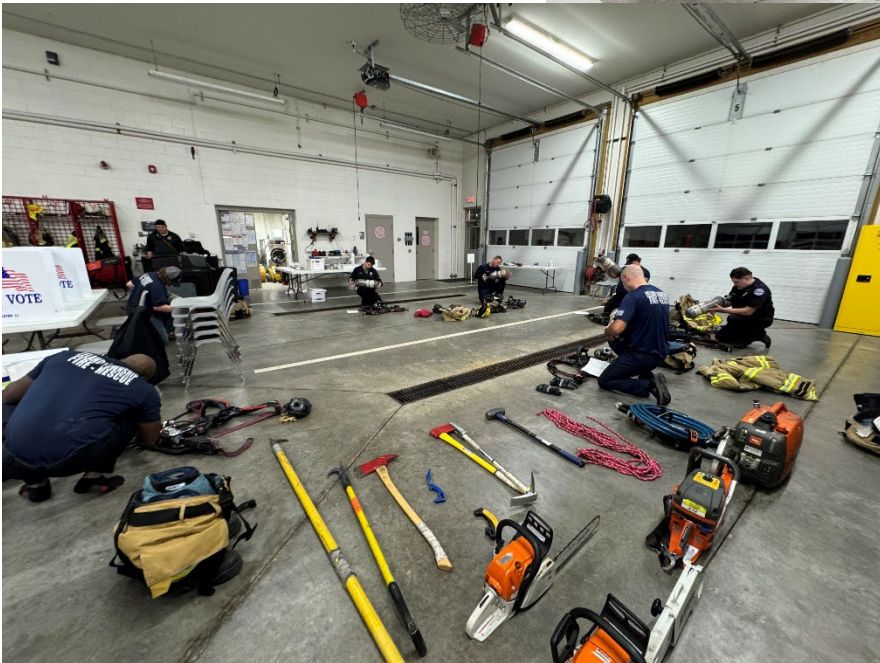
Leland Township Firefighters visited the Leelanau Children Center and St. Mary's School to spread our fire prevention message. Some of the activities included a lesson on how to Stop, Drop, and Roll, crawl low in smoke and heat, and a tour of Ladder 531 and Alpha 591.





Leland Township Fire & Rescue welcomes several new faces to the team.

Recently Christian Stawiarski, Chauncy Kelly, Kyle Evans, and Dawson Williams joined another new hire, James Hill, and began their hands-on training with our training staff. The five are scheduled to begin the fire academy in December.



Helping To Protect the Peninsula



Above: Leland Township Firefighters hosted a hands-only CPR class for the staff of the Leelanau Christian Neighbors, in Lake Leelanau.

Right: Firefighter/Paramedics Cameron Pehrson and Tony Calappi pose with one of the winners of our Fire Prevention Raffle.

Far Right: Firefighter Ethan Passalacqua gets into the Halloween spirit - ahead of the trick or treaters – and poses for a picture, next to James Howard, in his costume.





Having a boo-tiful time!

— Leland Township Firefighters welcomed kids of all ages on Halloween.



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