



LTF&R

NOVEMBER 2024 MONTHLY REPORT



SANTA VISITS LELAND!

Santa came to visit the village of Leland and attend the annual "Light Up Leland" event! When Santa didn't have enough room to land his sleigh, near the Old Art Building, he called on the fire department to help him out.

After he presided over the lighting of the tree, at Christmas Tree Corner, we escorted Santa down to the Old Art Building in a procession of Leland Township Fire Trucks. Helping get Santa to the children were Engine 512, Alpha 592, Alpha 593, and Ladder 531.



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

Monthly Report for November 2024

Total LTFR Responses November 2024: 53

Year to Date Call Volume: 498

Major Incident Type(s) Breakdown

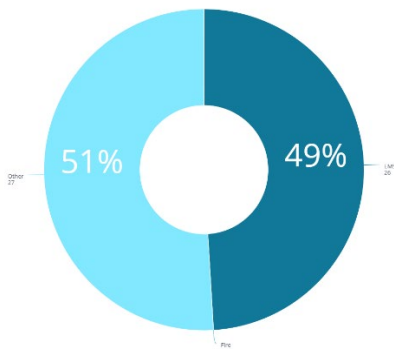
NFIRS Incident Type	# of Incidents Current Month	2023 Monthly Comparison	% of Total Current Month
300- Rescue & Medical	26	22	49%
100 - Fires	0	2	0%
400 - Hazardous Conditions	8	3	15%
700 - False Alarm	3	2	6%
500 - Service Incidents	7	4	13%
Other	9	4	17%
TOTAL	53	37	

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	53		498*
Difference from 2023*	-4	+6	-1	-6	+16	+9	-5	+11	-8	+18	+24		+70

*Year to date

1562 Fire Incident (Unaudited)



EMS – 49%
Fires – 0%
All Others – 51%

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Mutual Aid / Automatic Aid

Given: 7 calls

Received: 0 calls

13% of our calls involved mutual aid being received or given.

Training

- Fire Personnel completed a total of **268.5 hours of classroom or practical training**. Personnel also completed **16 hours of online training** too. Training topics included: Personal Protection equipment, hose line evolutions, Engine 512 apparatus pumping evolutions, air bottle cascade refill operations, personal protection equipment donning/doffing, vehicle extrication training, Aero-med Medical Helicopter Landing Zone Class and New Hire (Cadets) Probationary Training Sessions



Courses/Conferences Attended:

- Emergency Medical Technician – Basic

Calls by Shift

SHIFT	ASSIGNED PERSONNEL	NOVEMBER 2024	SHIFT CALLS - YTD
RED	Sgt. Morse, FF Pehrson, & FF Calappi	14	163
GREEN	Sgt. Rosselle, FF VanZandt, & FF Passalacqua	17	157
BLUE	Captain Schelling, Sgt. Johnson, & FF Hall	22	178

Zone Statistics

ZONE	NOVEMBER 2024	YEAR TO DATE
Box 501 – North	6	62
Box 502 – East	3	25
Box 503 – South (LL)	17	169
Box 504 – Southwest	5	39
Box 505 – West (Leland)	15	129
Box 506 – Fishtown	0	7
Mutual Aid – Out of Leland Township	7	67
TOTAL	53	498

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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 November, we had **4 (8%)** overlapping calls.

Year	Overlapping Calls	Overlapping Percentage
2024	46/498	9.2%
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 November, we had 3 false calls – about 6% of our calls.

Responding from...

In November our average response time was 6 minutes and 29 seconds. The first arriving apparatus responded from...

- Lake Leelanau Station (or in proximity): 22
- Leland Station (or in proximity): 21
- 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	30
Alpha 591	2017 Ford E450 Ambulance	30
Alpha 593	2023 Ford Ambulance	16
Chief 501	2018 Ford Explorer	10
Ladder 531	2004 Pierce Enforcer Aerial	9

*=tied (if applicable)

Upcoming Birthday Wishes:

- John H. VanRaalte (12/9)

Department Anniversaries:

Members celebrating their LTRF service anniversaries in November were (years in parenthesis):

- Alex Gilland (17 years)

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Leland Township Fire & Rescue personnel listen to a presentation, from AeroMed – Northflight staff, about setting up an emergency landing zone in the event that we had to call for a medical helicopter response.

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: 1 (1%)
- Three FFs on duty: 30 (57%)
- Four or more on duty: 22 (42%)



HAAS Traffic Alert Activations:

This chart provides the data surrounding the recent installation 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 **629** total drivers through in-vehicle devices (vehicle navigation/detection systems, Waze® maps, or Apple® maps. So far, we have alerted 2,186 drivers since we installed the system in July (2024).
- Our system detected **149** 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 **7** minutes.
- Our system detected **52.1** 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).



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Vehicle Repair, Maintenance, Changes, or Information:

- Engine 511 – replaced the foam pump system. The work was performed by Frontline Services out of Freeland.
- Had the Department of Transportation and pump inspection & testing performed on Engine 511, Engine 512, Ladder 531, Tanker 521, Tanker 522, and Hydrant 581 as required.
- Miscellaneous weekly preventative maintenance and inspections performed by our staff.
- Received pricing information for a cargo trailer. Looking to purchase one for storage and incident responses after the first of the year.

Fire Prevention/Community Involvement:

- Continued installing smoke alarms and carbon monoxide alarms in Leland Township residences, in the month of November.
- Built four (4) 9-1-1 address signs including one (1) for the township hall. These are sold by the *Leland Volunteer Fire Department (LVFD)* association.
- Leland Township firefighters provided a station tour for the Leland Public School kindergarten classes.
- Hosted a CPR class for the employees/volunteers of the new yoga studio in Leland.



Fire Station/Infrastructure:

- The crews had to plow the fire stations and our water points several times in November.

Miscellaneous Things Involving Our Department:

- Assisted the Leland Public Safety with a gas leak in the cafeteria. We deployed devices that monitor the lower explosive limits of gases and determined they had a leak in a supply line that was connected to a commercial oven. DTE energy was requested.
- Responded to numerous power lines and roadway hazard calls because of strong winds hitting Leelanau County.
- Contract negotiations began with the Leland Township Professional Firefighters Union (full-time) negotiators.
- Fire Chief Besson, Captain Schelling, Firefighter Calappi, and Firefighter Sasha Moore provided vehicle extrication instructors for the Emergency Medical Technician class, being held at the Northwest Regional Training Center.



Fire Chief Besson 