



LTF&R

AUGUST 2024 MONTHLY REPORT



Mutual Aid Structure Fire Response!

Leland Township Firefighters were called to the 10300 block of Eckerle, at 2:36pm on August 2nd, to provide automatic mutual aid to the Suttons Bay-Bingham Fire Department at the scene of a structure fire.

Firefighters from Suttons Bay-Bingham, Leland Township, Grand Traverse Band, Leelanau Township, and Elmwood Township joined forces to extinguish a pole barn fire.

Assigned to this response were Engine 511, Utility 585, and Fire Chief 501. Photos by: Fire Chief Besson



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

Monthly Report for August 2024

Total LTFR Responses August 2024: 62

Year to Date Call Volume: 346

Major Incident Type(s) Breakdown

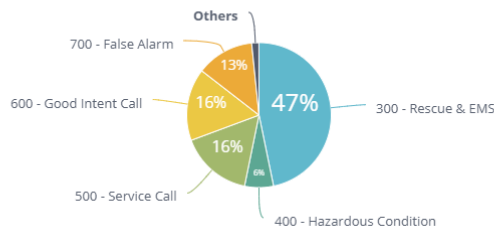
Major Incident Type	# of Incidents Current Month	2023 Monthly Comparison	% of Total Current Month
Rescue & Medical	29	25	47%
Fires	1	0	1%
Hazardous Conditions	4	3	6%
False Alarm	8	2	13%
Service Incidents	10	3	16%
Other	10	8	16%
TOTAL	62	41	

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					346*
Difference from 2023*	-4	+6	-1	-6	+16	+9	-5	+11					+36

*Year to date

NFIRS Incident Type Group Breakdown



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

Mutual Aid / Automatic Aid

Given: 8 calls

Received: 3 calls

17.7% of our calls involved mutual aid being received or given.

Training

Fire Personnel completed a total of **90 hours of classroom or practical training**. Personnel also completed **9 hours of online training** too. Training topics included: fire behavior, drivers training, porta-tank set-up and nozzle forward attacks, drone training, pre-incident planning/pre-plan reviews, and vehicle extrication.

Courses/Conferences Attended:

- Fire Officer II – 2 attendee and 1 instructor

Calls by Shift

SHIFT	ASSIGNED PERSONNEL	AUGUST 2024	SHIFT CALLS - YTD
RED	FF Morse, FF Pehrson, & FF Calappi	23	117
GREEN	FF Rosselle, FF VanZandt, & FF Passalacqua	17	106
BLUE	Lieutenant Schelling, FF Johnson, & FF Hall	22	123

Zone Statistics

ZONE	AUGUST 2024	YEAR TO DATE
Box 501 – North	11	37
Box 502 – East	2	19
Box 503 – South (LL)	20	118
Box 504 – Southwest	2	26
Box 505 – West (Leland)	17	92
Box 506 – Fishtown	2	4
Mutual Aid – Out of Leland Township	8	47
TOTAL	62	346

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 August, we had **7 (11%)** overlapping calls.

Year	Overlapping Calls	Overlapping Percentage
2024	37/346	10.7%
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 August, we had 8 false calls – about 13% of our calls.

Responding from...

In August our average response time was 6 minutes and 59 seconds. The first arriving apparatus responded from:

- Lake Leelanau Station (or in proximity): 23
- Leland Station (or in proximity): 24
- Other parts of Leland Township: 2
- Out of the area: 1

Apparatus Responses

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

Apparatus Call Sign	Type of Vehicle	Number of Responses
Alpha 593	2023 Ford Ambulance	41
Engine 512	2012 KME/Ford Engine	36
Chief 501	2018 Ford Explorer	9
Alpha 591	2017 Ford E450 Ambulance	9
Engine 511	2014 Rosenbauer Fire Engine	8

*=tied (if applicable)

Upcoming Birthday Wishes:

- None in September

Department Anniversaries:

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

- John VanRaalte (8 years)
- Abbigail VanRaalte (7 years)

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: 9 (14%)
- Three FFs on duty: 44 (71%)
- Four or more on duty: 9 (14%)

HAAS Traffic Alert Activations:

This chart provides the data surrounding the recent installation of the HAAS Safely 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 **533** total drivers through in-vehicle devices (vehicle navigation/detection systems, Waze® maps, or Apple® maps).
- Our system detected **87** 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).
- Our system detected **31** 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 511 was taken out of service in August after “soft” brakes were detected by one of our apparatus drivers heading to a special event. The driver claimed to have difficulty getting the parking brake to set and notified his supervisor. Upon getting it back to the station it was discovered that the rear drums had warped and cracked, and the vehicle was taken out of service immediately. Suttons Bay AG responded to the station and repaired them.
- Ladder 531 returned to service after having been out of service for about a month getting a power steering box leak fixed.
- Alpha 593 went to EV+ (vendor), in Holland, for warranty work.
- Had several members of Glen Lake Fire Department’s Ambulance Replacement Committee visit the Lake Leelanau Fire Station to tour Alpha 593. They were hosted by Lt. Schelling – our EMS Coordinator.



Fire Prevention/Community Involvement:

- Continued installing smoke alarms and carbon monoxide alarms, in Leland Township residences, in the month of August. These alarms were installed on Pine Street,
- Built six (6) 9-1-1 address signs. These are sold by the *Leland Volunteer Fire Department* (LVFD) association. August was “Address Sign Awareness Month” for our fire prevention bureau.
- Provided fire and EMS coverage at the Bar-b-cruise.
- Attended the Leland Library’s “Touch A Truck” event with Alpha 593 and Engine 512
- Provided several tours of our facilities or apparatus upon request.

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- Provided community outreach and information about our department at the Leelanau Farmer's Market in Leland.
- Attended the "National Night Out" event hosted by the Grand Traverse Band Fire & Rescue Department. Engine 511 was featured at this year's event.

Fire Station/Infrastructure:

- Chief Besson met with a vendor regarding adding security cameras for both stations. Additional information pending.

Miscellaneous Things Involving Our Department:

- Provided automatic mutual aid to Suttons Bay-Bingham Fire Department (SBBFD) at a barn fire on East Eckerle Drive. Engine 511, Utility 585, and Chief 501 responded to the fire. Two LTR firefighters remained in town for coverage.
- Responded to a reported head-on motor vehicle crash with injuries at the corner of Popp Road and East Duck Lake Road (M-204). Leland Township Fire & Rescue personnel responded from both fire stations, with Alpha 593 (ambulance) arriving within 3 minutes of being dispatched. Upon arrival, crews determined that a 23-year-old woman, from Thompsonville, was still trapped in her car. Leland Township firefighters used, recently purchased, large extrication tools to help free the woman and then transported her to the trauma center at Munson Medical Center. A second patient, a male in his 20s, was also transported emergently to the trauma center at Munson. He was later transported, by medical helicopter, to a hospital in Grand Rapids for additional care.
- Provided automatic mutual aid to SBBFD for a capsized boat on the West Grand Traverse Bay. Responding LTR unites: Engine 511 and Alpha 591.
- Ordered turnout gear in conjunction with a State of Michigan grant request that sought approval to purchase all full-timers a second set of firefighting ensembles (aka: turn-out gear).
- Learned that the internal Apparatus Replacement Committee, charged with selecting a new tanker truck, had made their selection. More information will be provided next month.
- Hired James Hill as a fire cadet (non-certified firefighter). James is a Leland resident and will be attending his senior year at Leland Public Schools. He is scheduled to attend the fire academy this fall where he will graduate from high school and the fire academy at the same time. Welcome to the team James (*pictured at right*)!



Fire Chief Besson



Special Event Standby!

Leland Township Firefighters stood by, providing fire and EMS services, at the annual Bar-B-Cruise's Boat Parade and Dinner Banquet, in Leland. The Duty Crew stood by and interacted with the crowd – giving tours of the fire apparatus or providing fire prevention tips.

Standing by at these events help put resources in proximity, when it comes to gathering crowds, and we do several standbys or "drop ins" each year.

Photos by LVFD Drone and Shift Commander Morse.



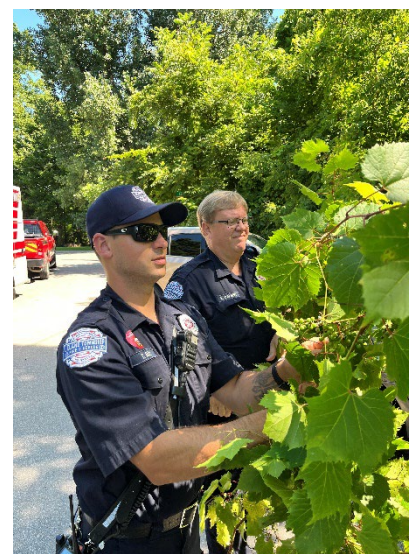
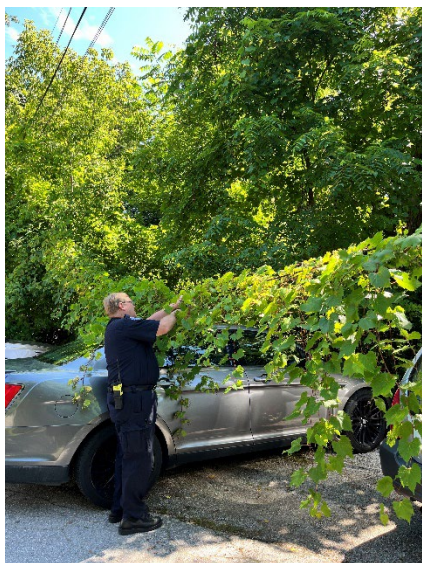
Helping To Protect the Peninsula

Our Month In Pictures



Above: Leland Township Firefighters provided fire and EMS response to a major crash, at M-204 (East Duck Lake Road) and S. Popp Road. Alpha 593 (left) transported a critically injured male to Munson Medical Center followed by Alpha 591, transporting a seriously injured female, who had to be extricated from her car first. This photo was taken while both ambulances were at the hospital.

Below: Leland Township Firefighters were dispatched to a low hanging wire at Cedar and First Street, in the Village of Leland. Alpha 593 and Fire Chief 501 responded to the call and discovered a communications line had significantly sagged down due to the weight of the vines attached to it. Crews worked to remove the vines to protect the cars and marked the hazard until Charter could arrive and fix it.





Leland Township Fire & Rescue's Fire & Life Safety (Fire Prevention) Division received a call about an abandoned home on North Manitou Trail, near Sugarbush Lane, that had been vandalized and was the host of several trespassing groups/parties. The caller was concerned that a fire could spread undetected and lead to a loss of life or property. The home sits with 20 feet of a steep cliff looking over Lake Michigan.

Working with the county's building and safety division, the county sheriff's office, and the township offices we were able to locate the property, assess the damage, document the safety concerns and work with the owners to develop a short-term and long-term remediation plan.

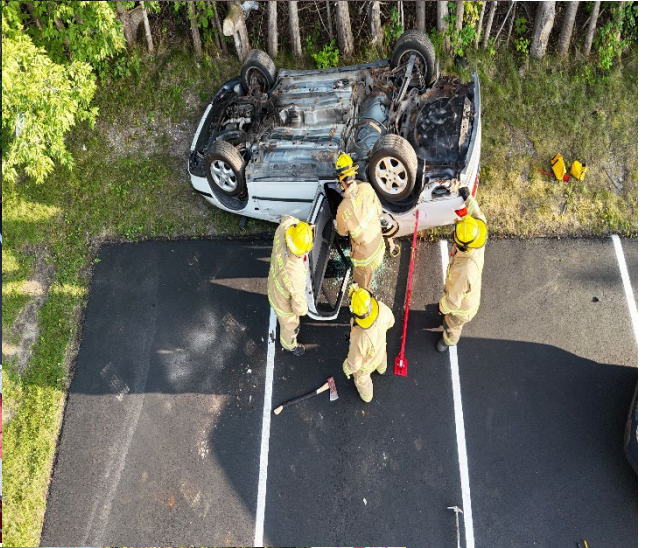




LTFR Firefighters train often to improve on their craft. In August we trained on our vehicle extrication skills by using our new battery-powered extrication tools and other tools to remove doors, windows, roofs, or other parts of the car to access and remove a patient. Training took place at the Leland Fire Station. The cars were donated by Grandpa's Garage in TC. Thank you! Photo Credit: LTFR Drone and Ethan Passalacqua



Helping To Protect the Peninsula



Helping To Protect the Peninsula



Leland Township Fire & Rescue's Red Shift attended the Leland Library's first annual "Touch A Truck" event in August.

Firefighter/Paramedic Tony Calappi took the kids through Alpha 593 while Firefighter/EMT Cameron Pehrson demonstrated the "cool" tools to kids of all ages.

Photos: Chief Besson