



City of South Lyon Fire Department



2023 ANNUAL REPORT



CITY OF SOUTH LYON FIRE

217 Whipple Street
South Lyon, MI 48178
(248) 437-2616

www.southlyonfire.com

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Message from the Chief

2023 was again the busiest year on record for the SLFD by responding to 1,269 incidents. This was an increase from last year's busiest year on record of 1,059 incidents. The nearly 20% increase was due in part to a few significant incidents that occurred: an ice storm and straight-line wind events. With both events, resources came together and worked seamlessly. It was remarkable to witness not only the fire department personnel, but all the city personnel and staff working together as one, cohesive unit. The city administration, fire, police, DPW, water and sewer employees all worked together to mitigate issues as they arose throughout the city.



Many fire departments across the state and country, particularly with part-time, paid-on-call departments, are having difficulty finding and hiring qualified employees. Being a part-time and paid-on-call department, it is not uncommon for some fluctuation of staffing as people's full-time careers and family obligations pull them from the area and in many different directions. SLFD has worked tirelessly to become more than just a place of employment, but also a place where employees enjoy being. The SLFD roster size has increased by more than 17% since early 2022.

After a long process that included a few setbacks, the new SLFD ladder truck was delivered and rolled into the city last May 16th. It was worth the wait and is an amazing truck that will service the community for decades to come. SLFD completed adding a second floor to the fire training facility, updated both fire stations' bathrooms, transitioned to a new incident reporting software, and updated the department's webpage. SLFD received grants for structural firefighting boots, first responder-EMS jackets, smoke detectors, and combo smoke & carbon monoxide detectors.

SLFD is extremely fortunate to have the support of the City Manager, Mayor, City Council, City personnel, and the community. The support is recognized and appreciated by every officer and firefighter of the South Lyon Fire Department. It is my honor and privilege to work alongside the compassionate and dedicated members of the South Lyon Fire Department and I hope you find this report informative. If you have any questions about our work or suggestions on how we can improve, please reach out to me or anyone on our staff.

JOEY THORINGTON

FIRE CHIEF

A handwritten signature in black ink, appearing to read 'J. Thorington', written over a light blue horizontal line.

Mission Statement, Vision Statement, and Core Values

Mission Statement

The South Lyon Fire Department is committed to providing fire suppression, emergency medical services, rescue, and other emergency and non-emergency services. We accomplish this mission through training, education, and dedication to the protection of our fire personnel, residents, and visitors of the community.

Vision Statement

The South Lyon Fire Department will set the standard of excellence through professionalism, progressive practices, and customer service. We will create leaders through training, education, and strong ethical values. We will strive for industry best practices and excellence in emergency preparedness, response, and mitigation.

Core Values

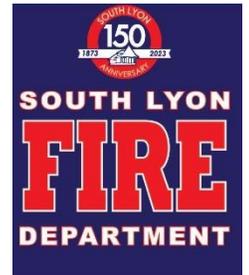
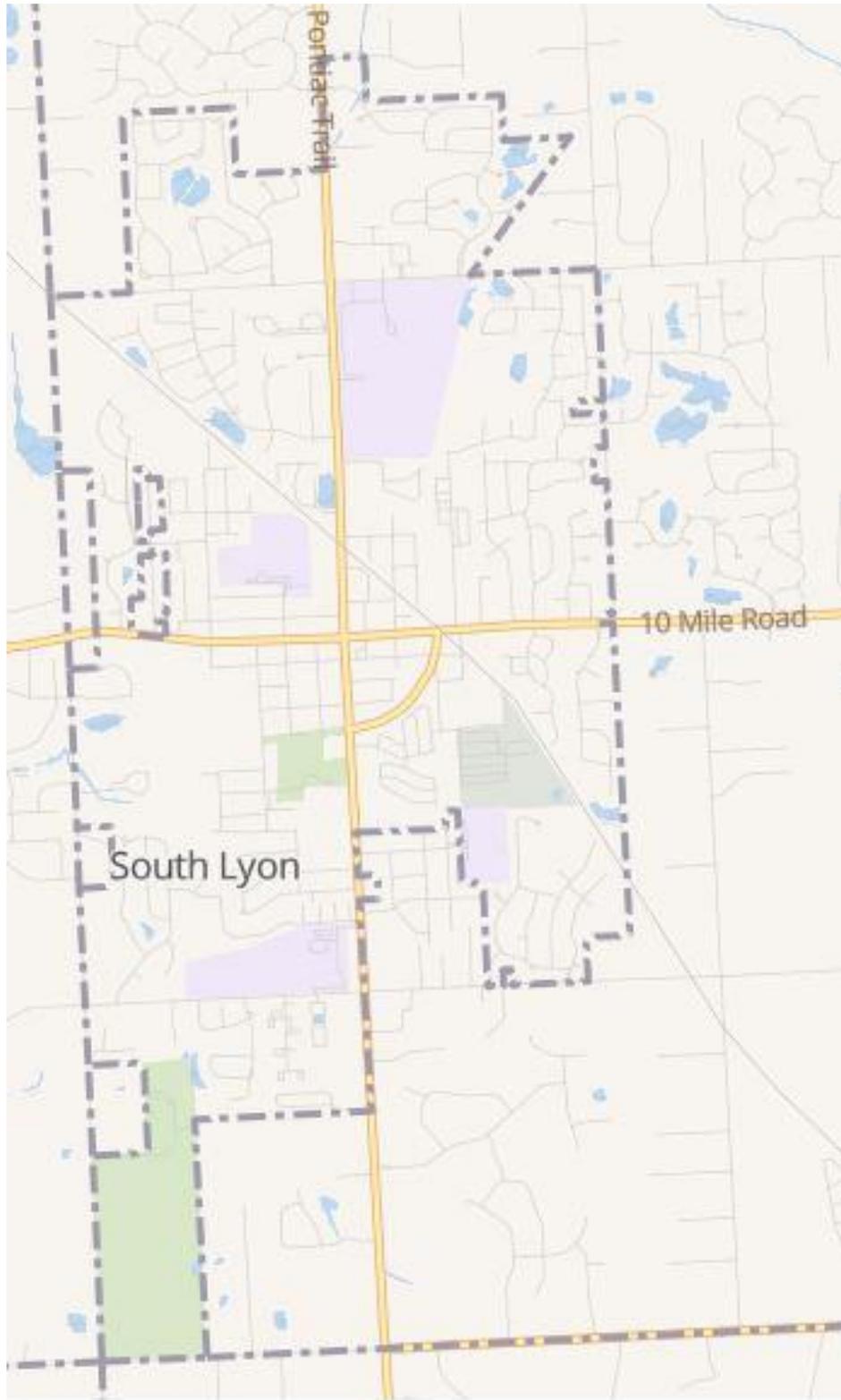
We encourage and support excellence in leadership, innovation, and service to all. We aspire to the highest level of competency through training and mentoring. We value teamwork and open communication as the foundation for everything we do. We honor our families and the deep traditions of the Fire Service. We will act with respect and integrity in all situations.





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Response Area
City of South Lyon



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Fire Station

South Lyon Fire Station

217 Whipple Street, South Lyon, MI 48178

248-437-2616



The South Lyon Fire Station houses the following fire apparatus and vehicles:

- Rescue 7-1
- Engine 7-1
- Engine 7-2
- Ladder 7-1
- Chief 7
- Fire Marshal 7-1
- Utility 7-1

***** Huron Valley Ambulance also shares space to house an ambulance and crew.**

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Apparatus & Vehicles

Engine 7-1 – 2016 Pierce Sabre



**Captain Jeff Noechel
Station & Apparatus Officer**

Engine 7-2 – 2008 KME Predator



Ladder 7-1 – 2022 Spartan Gladiator



Rescue 7-1 – 2010 Ford F-350

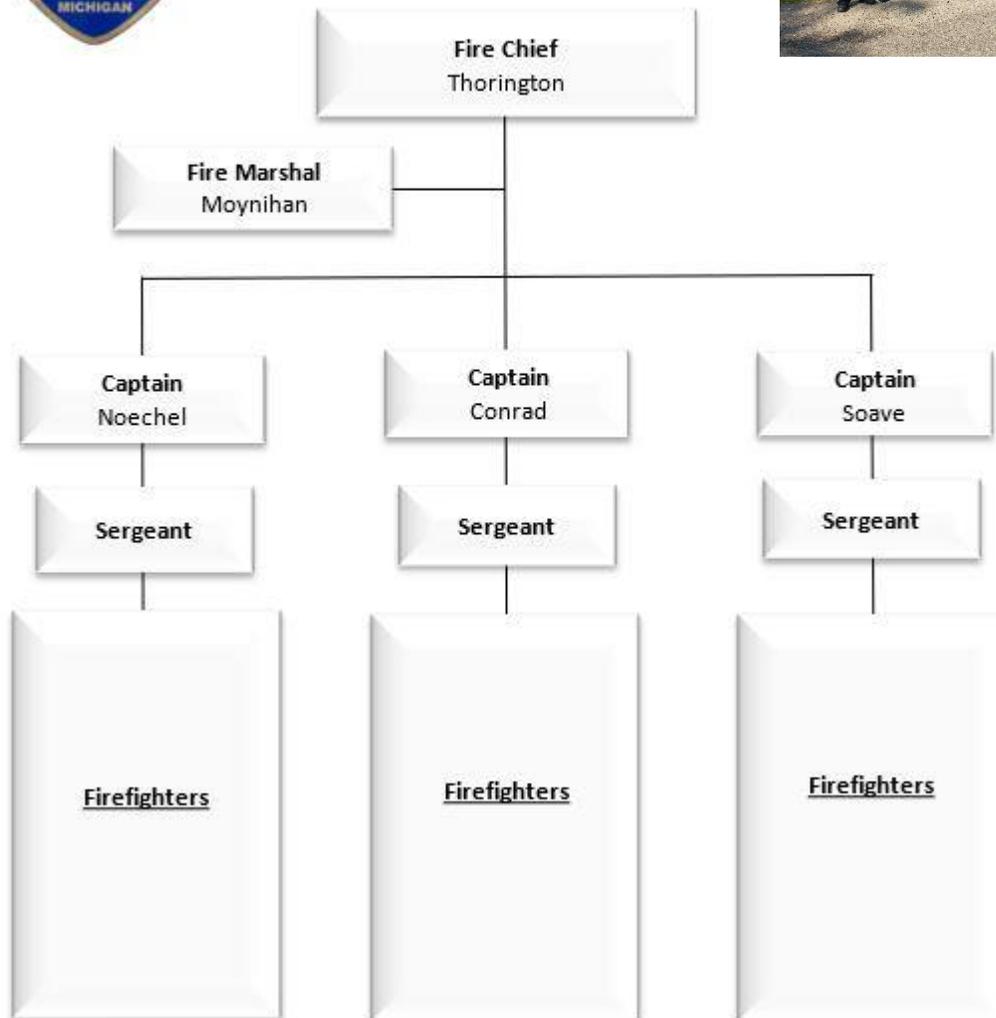


Utility 7-1 – 2021 Ford F-150



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Organizational Chart



** The Fire Chief is a full-time position. The Fire Marshal and two Captains are salaried, part-time employees. The remaining personnel are part-time, paid-on-call and may not exceed 1,500 hours of work per year.

*** Because of limited staff numbers and never knowing who is available to respond to a larger incident, every person on staff regardless of rank can and will work 'on the fireground' as a firefighter at some point.

Firefighter of the Year

Micah DeMeyer



Annually, the South Lyon Fire Officers collectively discuss and select the Firefighter of the Year. For 2023, there were many firefighters who stepped up over the year and took initiative to help improve and advance the South Lyon Fire Department. It was a sizable pool of great candidates, but Micah still stood



out. Micah is an exemplary firefighter and a genuinely great person. He is a leader, takes initiative, is involved in many facets of the department, as well as always presenting a pleasant and positive attitude and demeanor. SLFD is fortunate to have Micah on our team. Micah is truly deserving of the 2023 Firefighter of the Year award.



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Department Personnel



*** Note: There are 7 firefighters and 3 cadets not pictured



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Human Resources

Training

- Zoe Noechel successfully passed and became a licensed EMT, completed credentialing and is a full firefighter/EMT.
- Aedan Branigan-Brown successfully passed and became a licensed EMT, completed credentialing and is a full firefighter/EMT.
- Nelson Schilk successfully passed and became a licensed EMT, completed credentialing and is a full firefighter/EMT.
- Brendan Conrad successfully passed and became a licensed EMT.
- Dominic Soave successfully passed and became certified in Firefighter I & II.
- Brad Moynihan successfully passed and became certified as a Fire Inspector II through the NFPA.
- Brad Moynihan successfully passed and became certified in Basic Fire Investigation through the Michigan State Police.



Promotions

- Cindy Conrad was promoted to Captain.
- Jeff Noechel was promoted to Captain.
- Jon Soave was promoted to Captain.
- Michah DeMeyer was promoted to Aerial Pump Operator.
- Alex Grandy was promoted to Aerial Pump Operator.
- Shawn McCreedy was promoted to Engineer.
- Aydin Johnson was promoted to Engineer.
- Julia Borgman was promoted to Engineer.
- Zoe Noechel was promoted to Firefighter/EMT.
- Brian Hayes was promoted to Firefighter/EMT.



New Hires

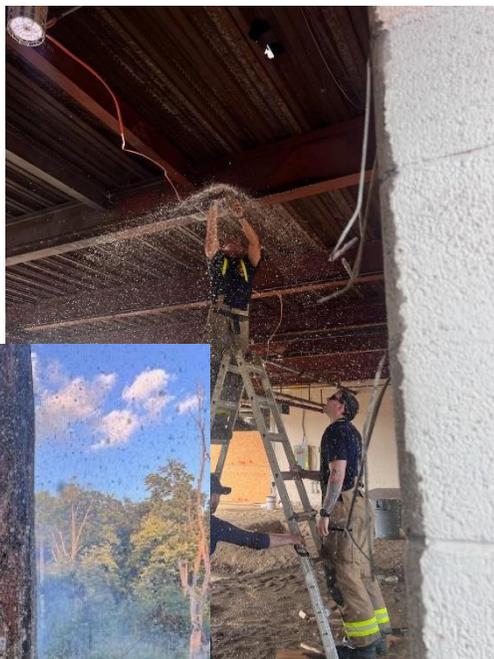
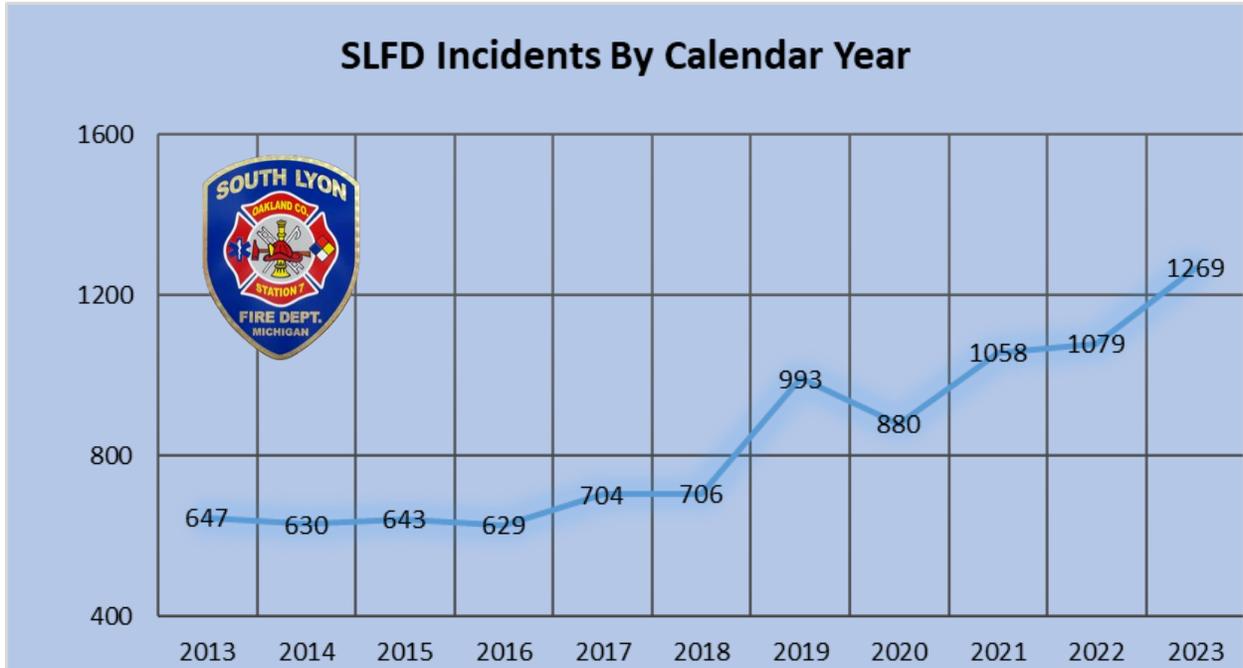
- Zoe Noechel – (Firefighter I & II and EMT-B)
- Eric Mancha – (Firefighter I & II and EMT-B)
- Robert Simmons – (Firefighter I & II and EMT-B)
- Cameron Smith – (EMT-B)
- Julia Borgman – (Firefighter I & II and EMT-B)
- Shawn McCreedy – (Firefighter I & II and EMT-B)
- Brian Hayes – (Firefighter I & II)
- Charlese Stanley – (Firefighter I & II and EMT-B)
- Mario Gomez – (Firefighter I & II and EMT-B)
- Aiden Buchholz – Cadet
- Travis Eversole – Cadet
- Lucas Miller – Cadet
- Abigail Fischer – Cadet
- Nicholas Goettlicher - Cadet



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Incident Responses

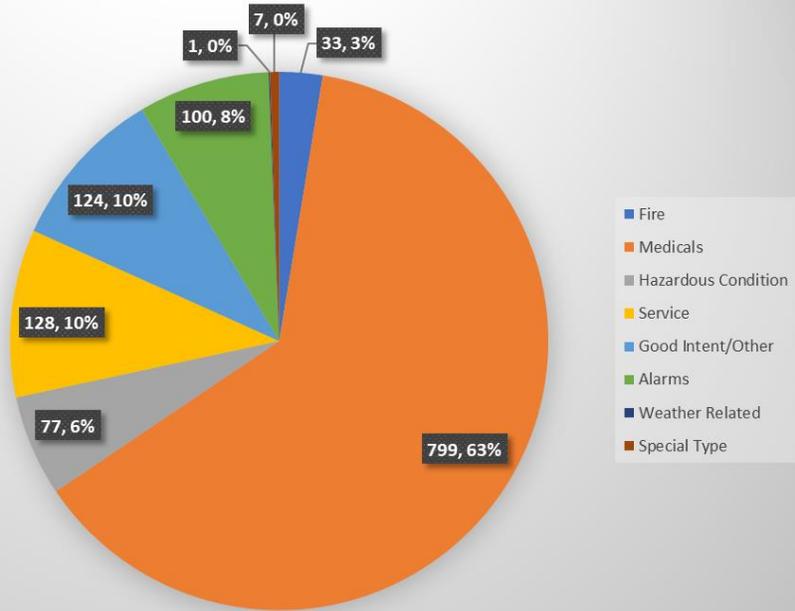
For the calendar year, the South Lyon Fire Department was dispatched to 1,269 incidents. 2023 was the highest number of incident responses recorded in the history of the department.



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2023 Types of Incidents



Further Details of Types of Incident Responses

Type of Incidents	#	%
Fire	33	3%
Medicals	799	63%
Hazardous Condition	77	6%
Service	128	10%
Good Intent/Other	124	10%
Alarms	100	8%
Weather Related	1	0%
Special Type	7	0%
	1269	100%

Types of Fires	#
Building Fire	4
Cooking fire	3
Vehicle	2
Other	9

Cardiac Arrest	#
Males	10
Females	9

Common Examples of Each Type of Category	
Fire	Structure, vehicle, etc. fire
Medicals	Any EMS type incident, motor vehicle accident with injuries, etc
Hazardous Condition	Gas leak, Carbon Monoxide, Powerlines, Chemical Release, etc.
Service	Assist Invalid, Smoke or Odor Investigation, sprinkler line water break, Assist Police, Public Service, etc.
Good Intent/Other	Canceled in route, Dispatched to Wrong Location, No Incident Found Upon Arrival, Controlled Burn, Vicinity Alarm, etc.
Alarms	False Alarm, Active Alarm Activation, Bomb Scare, System Malfunction, Extinguishment Activation, etc.
Weather Related	Severe Weather Related
Special Type	Citizen Complaint, etc.

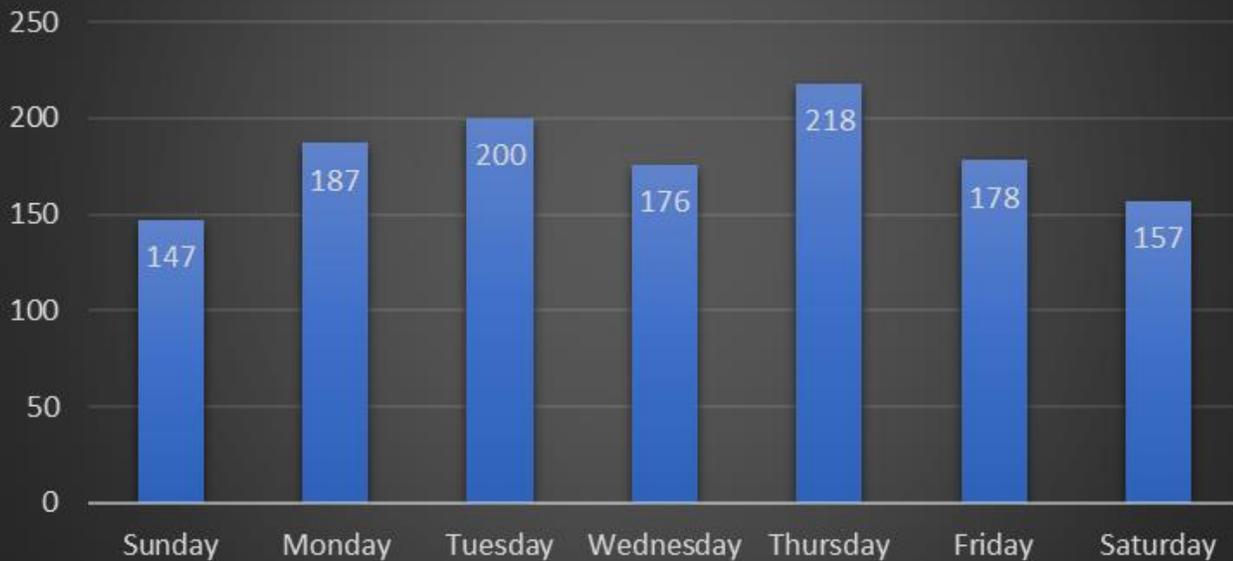
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Incidents by Time of Day		Number of Incidents
Military Time		
Midnight	00:00:00 to 00:59:59	22
1:00 AM	01:00:00 to 01:59:59	32
2:00 AM	02:00:00 to 02:59:59	28
3:00 AM	03:00:00 to 03:59:59	20
4:00 AM	04:00:00 to 04:59:59	30
5:00 AM	05:00:00 to 05:59:59	19
6:00 AM	06:00:00 to 06:59:59	34
7:00 AM	07:00:00 to 07:59:59	33
8:00 AM	08:00:00 to 08:59:59	51
9:00 AM	09:00:00 to 09:59:59	71
10:00 AM	10:00:00 to 10:59:59	76
11:00 AM	11:00:00 to 11:59:59	84
12:00 PM	12:00:00 to 12:59:59	69
1:00 PM	13:00:00 to 13:59:59	73
2:00 PM	14:00:00 to 14:59:59	69
3:00 PM	15:00:00 to 15:59:59	69
4:00 PM	16:00:00 to 16:59:59	64
5:00 PM	17:00:00 to 17:59:59	61
6:00 PM	18:00:00 to 18:59:59	76
7:00 PM	19:00:00 to 19:59:59	74
8:00 PM	20:00:00 to 20:59:59	56
9:00 PM	21:00:00 to 21:59:59	55
10:00 PM	22:00:00 to 22:59:59	61
11:00 PM	23:00:00 to 23:59:59	39

Incidents by Hour



2023 Day of Week - Number of Incidents



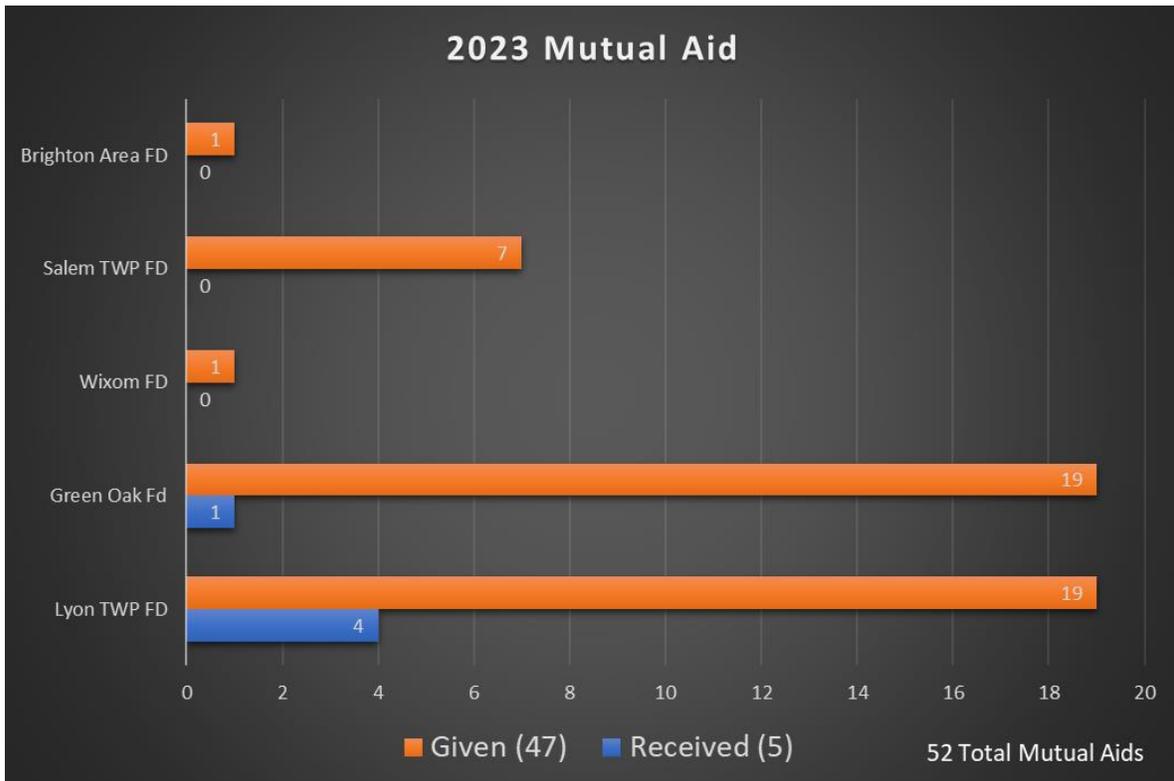
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Mutual Aid

SLFD has reciprocated *automatic* aid agreements with both Lyon Township Fire Department and Green Oak Township Fire Department. On potential or confirmed structure fires within the City of South Lyon, all three fire departments are dispatched simultaneously to assist each other without having to be specifically requested. If there is a fire in either neighboring township, SLFD is simultaneously dispatched to assist them.

SLFD has a mutual aid agreement with Salem Township Fire Department. In addition, SLFD is also a member of the Mutual Aid Box Alarm System (MABAS) 3201 which consists of the northern portion of Oakland County, 30 communities' fire departments. On large incidents, fire departments can request assistance from departments with whom they have agreements and/or who are members of MABAS.

NFPA 1710 recommends there should be a minimum of 15 firefighters on the initial assignment to accomplish all fireground tasks on a structure fire. Mutual Aid is an effective way to attempt to safely reach the staffing standards for incident responses.



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Storm

A storm blew through the City of South Lyon on August 24, 2023. It had substantial rain and winds causing significant damage to trees, utilities including communication and powerlines, homes, and businesses. City departments (Fire, Police, DPW, Water & Wastewater, and the City Administration) worked together to mitigate emergencies and issues as they developed. Michigan's Governor, Gretchen Whitmer, declared a state of emergency in South Lyon a few days later. Oakland County's Department of Emergency Management team came in and supported reporting efforts and clean-up.



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EMS

The department's EMS division is dedicated to providing exceptional medical services to the community. With a team of highly trained EMT's 24/7 we offer rapid response times delivering the highest standard of care to those in need. We take pride in our continuous training and education programs, which keep our staff up to date with the latest advancements in emergency medical treatments spending 148 hours devoted to continuing education and practical evolutions.

Our division actively engages in community outreach and education initiatives to promote public health and safety with 77 community members certifying or recertifying in CPR and first aid.

In addition to re-licensing our apparatus, Ladder 7-1 was newly licensed this past summer allowing us the flexibility to adopt and adapt our apparatus contributing to improved patient outcomes and a more responsive emergency medical system.

Through our commitment to excellence and compassion, we strive to make a meaningful difference in the lives we serve.



Captain Cindy Conrad
EMS Coordinator



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Training



**Captain Jon Soave
Training Officer**



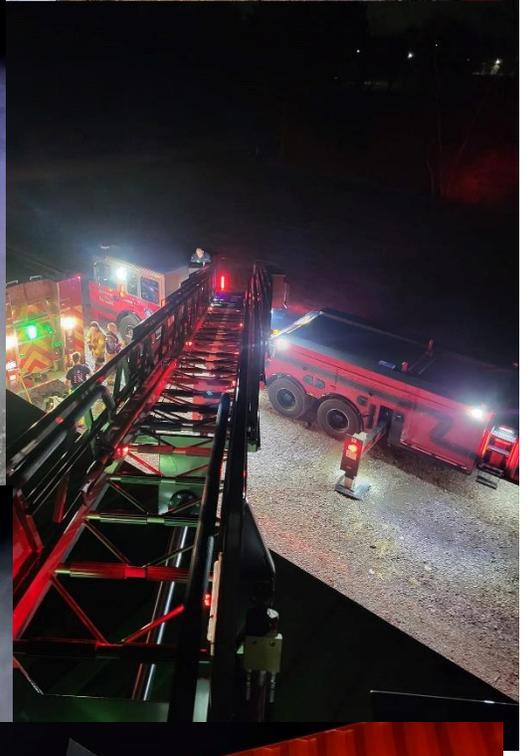
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Training Burn Containers

In the spring of 2022, the 1st floor of the training, live burn containers were installed. In the fall of 2023, through Captain Soave's vision, guidance, and leadership, a second story was added to the containers. Alta Equipment Company donated their time and equipment to lift the containers into position. SLFD Firefighters completed the construction. The containers provide live fire experience in a controlled environment, supervised by senior officers, and have multiple safety facets in place. Firefighters gain experience and confidence, preparing them for real events where the environment will be less predictable and where direct officer oversight is not practical.



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Fire Prevention

Fire Marshal Moynihan oversees the department's fire prevention division. In just a few years' time, his direction and vision has transformed a singular component of the department into a multifaceted fire prevention division. The division performs plan reviews, code inspections, suppression system inspections, issues violations, follows-up on violations to ensure they have been corrected, works with business owners, and performs fire investigations. He manages the public education program, which includes school visits, the smoke alarm and carbon monoxide alarm installation program.



**Brad Moynihan
Fire Marshal**

- Become a certified Fire Instructor 1
- Become a certified Fire Inspector 2
- Attended and successfully completed MSP Fire Investigator 1 course.
- Become a certified Fire Investigator
- Organize Open House
- Rebuild SLFD Public Education program.
- Assist the Start Fire Marshal's division with multiple school inspections.
- Build the Properties and Inspections modules for ESO reporting software.
- Put together information for the fire prevention section of ISO rating.
- Flow test hydrants with the Water Dept. for ISO rating
- Build the hydrant module for ESO reporting software.
- Rebuild hydrant inspection process.
- Winterize all the hydrants within the city.
- Attended Pumpkinfest meetings.
- Assist with putting together Oakland County food truck inspection program.
- Food truck inspections for several community events

Annual Inspections	Re-Inspections	Plan Reviews	Acceptance Tests	Public Education	Community Events	Fire Investigations
78	47	41	16	7	67	2

Smoke Alarm Installs	CO Alarm Installs	FOIA Requests	Complaint Investigation	Site Visits	Meetings	C of O Inspection
66	22	4	2	58	150	19

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Fire & Police Open House

On May 20th, 2023, South Lyon's Fire and Police Departments held a joint open house. It was the first event held since pre-covid, so it was extra special to make it big. Marshal Moynihan made sure it held up to the hype! There were station tours for both fire and police, live vehicle extrication using the "jaws of life" to cut up a vehicle, live fire demonstrating the effectiveness of sprinklers, smoke trailer for the kids to learn how to safely exit a fire, face painting, hotdogs, inflatable games, and goodie bags for the kids. It was a great event. Look for it

again this year on May 18, 2024. Hope to see you there!



Thank You to Our Sponsors!

- Wonder Jump
- Hadley's
- Brighton Area Fire Authority
- LaChance Magic
- Peter's True Value
- Snowy Owl Shaved Ice
- Spun Sugar
- Hamburg Township Fire Department
- South Lyon Kiwanis
- Dayna Johnston
- Lake Street Cruise-In // Motorfest





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Public Education & Community Outreach Events

Being a part of and interacting within the community is of the utmost importance to the Fire Administration and Firefighters. The Marshal's Division scheduled and coordinated Public Education & Community Outreach Events throughout 2023. Below is a list of the 2023 events SLFD attended.

- 3/4 Carnivale
- 4/3 Stuffing Easter Eggs for Scramble
- 4/8 Easter Egg Scramble
- 5/6 Farmers Market
- 5/12 Ladies Night Out
- 5/13 Farmers Market
- 5/20 SLFD / SLPD Open House
- 5/24 Lake Street Cruise-In
- 5/27 Farmers Market
- 5/29 Memorial Day Parade
- 6/10 Farmers Market
- 6/14 Salem-South Lyon District Library Touch a Truck
- 6/17 Farmers Market
- 6/23 Concerts in the Park
- 6/24 Farmers Market
- 6/28 Lake Street Cruise-In
- 7/1 Farmers Market
- 7/7 Concerts in the Park
- 7/8 Farmers Market
- 7/11 Safety Town
- 7/14 Concerts in the Park
- 7/14 Spray Park
- 7/15 Farmers Market
- 7/21 Concerts in the Park
- 7/21 Movies in the Park
- 7/22 Farmers Market
- 7/23 Trotters Point Social
- 7/24 Michigander Bike Tour
- 7/28 Concerts in the Park
- 7/29 Farmers Market
- 7/29 Motorfest
- 7/29 Christmas in July
- 8/4 Concerts in the Park
- 8/5 Farmers Market
- 8/11 Concerts in the Park
- 8/12 Farmers Market



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- 8/16 Spray Park
- 8/18 Concerts in the Park
- 8/18 Movies in the Park
- 8/19 Farmers Market
- 8/23 Lake Street Cruise-In
- 8/25 Concerts in the Park
- 8/26 Farmers Market
- 9/2 Farmers Market
- 9/9 Farmers Market
- 9/9 Depot Day
- 9/15 Movies in the Park
- 9/16 Farmers Market
- 9/22 Highschool Football
- 9/23 Farmers Market
- 9/27 Lake Street Cruise-In
- 9/29 Highschool Football
- 9/30 Farmers Market
- 9/30 Pumpkinfest Event Staff
- 9/30 Pumpkinfest Parade Procession
- 10/1 Pumpkinfest
- 10/13 Highschool Football
- 10/20 Highschool Football
- 10/16 Sayre PubEd
- 10/20 Bartlett PubEd
- 10/25 South Lyon CoOp Touch A Truck
- 10/26 South Lyon CoOp Touch A Truck
- 10/26 Downtown Kids Trick Or Treat
- 10/27 Millenium Trick Or Treat
- 10/28 Hope Church Trick Or Treat
- 10/31 Handing Out Candy
- 11/4 Christmas Tree Escort/traffic
- 11/10 Ladies Night Out
- 11/16 Girl Scout Station Tour
- 11/21 Revolution Crew Dance Team from the Studio Station Visit
- 12/2 Holiday Parade



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Spray Parks

July 14 & August 16 of 2023, SLFD held spray parks for the kids in the parking lot across from the fire station. The aerial ladder truck is set up for kids to run through the spray. It is a great way to break up the summer heat! Watch the "South Lyon Fire Department" Facebook page for 2024 dates to be posted as they are scheduled!



Smoke and Carbon Monoxide Installation Program

South Lyon Fire Department received a FEMA Fire Prevention & Safety Grant in the amount of \$19,800. The grant monies can be used over two years from the date of award for the purchase of 300 smoke alarms and 300 combination smoke/carbon monoxide alarms.

Currently, the SLFD has been installing smoke and carbon monoxide alarms at no charge for the residents of South Lyon. The residents simply need to contact the Fire Department and leave their contact information. When the department has the alarms in stock, they will contact the resident and set up a time for firefighters to come and install them in their home.



Smoke Alarm, sealed with 10-year battery.



The SLFD will continue this program at no

cost for the residents of City of South Lyon as long as alarms are available.

Combination Smoke and Carbon Monoxide Alarm, sealed with 10-year battery.

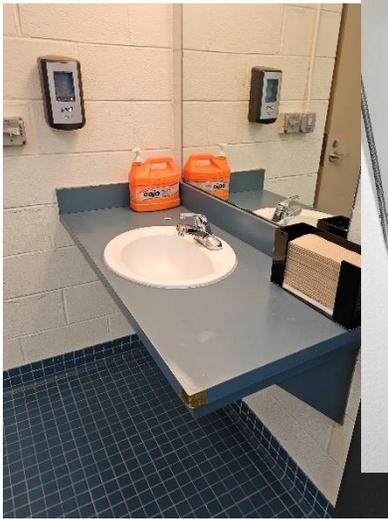


For City of South Lyon residents who would like to request smoke alarm(s) and/or a carbon monoxide detector installation from the Fire Department, call 248-437-2616 or visit the SLFD webpage <https://www.southlyonfire.com> and enter your request.

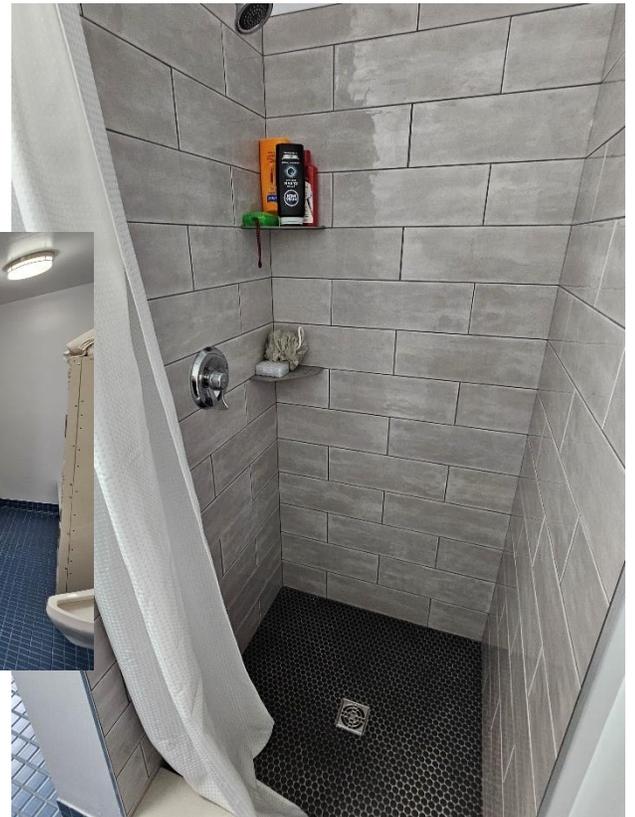
Fire Station Bathrooms Update

In fiscal year 2023, the monies for updating the station's two bathrooms were budgeted. The showers had inserts that had significant signs of wear and were leaking under the walls. The vanities also showed signs of wear and needed updating. New showers, vanities, and sinks were installed. Both bathrooms were painted and new LED lighting installed. One of the restrooms was equipped with a handicap accessible sink and facilities.

Old



New



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Ladder Truck 7-1

The ladder truck was delivered to the SLFD on May 18, 2023. It is a beautiful truck that will serve the citizens of South Lyon for many years to come. A progression of the build is below.



**South Lyon Fire Department
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Delivery!



2024 Goals

- Continue to provide the highest levels of fire prevention, fire suppression, EMS, and rescue services possible
- Remain progressive and adaptive to the needs of the community
- Work closely with other South Lyon city departments to ensure the highest level of continuity of services
- Continue to look for alternative funding sources for major purchases
- Continue working closely with neighboring fire departments to further promote mutually advantageous relationships
- Train SLFD firefighters on the new ladder truck to become proficient with its operations
- Continue to work with Verisk insurance underwriters to review and update the department's current ISO rating of 3
- Continue to work with the First Responder Memorial committee to raise funds and complete construction of the memorial
- Work to continually increase the department's presence within the community
- Continue to install smoke and carbon monoxide alarms at no cost to the residents of South Lyon
- Continue the re-newed tradition of an annual Fire Department Open House
- Continue to train, mentor, and provide SLFD firefighters with the tools they need for success
- Continue to foster and build a culture within the SLFD where it is positive, productive, and employees look forward to coming to work

