

Monmouth Fire Department July Monthly Report

***August 20th, 2018
City Council Meeting***



Emergency Responses:

The Monmouth Fire Department utilizes fire reporting software approved by the United States Fire Administration and the Office of the Illinois State Fire Marshal. This software records fire department responses in over 90 categories to track fire department emergency response statistics. This information is used by the department to support decision-making for fire response planning. Tracking response data with approved software is also required for fire departments receiving Federal and State grant dollars.

The chart on the following page includes a brief summary for each of the nine main categories of incident types and the number of calls that were responded to in each category.

Responses	Monthly	YTD
<u>Fires</u>	07	29
Includes structure fires, fire in mobile property used as a fixed structure (mobile homes and campers), vehicle fires, vegetation fires, rubbish fires, and field fires. There may also be other types of fires that do not necessarily meet the definition of one of the subcategories in this category.		
<u>Overpressure, Rupture, Explosion, Overheat (without ensuing fire)</u>	00	00
Includes overpressure rupture of a steam pipe or pipeline, overpressure or rupture from air or gas pipe or pipeline, overpressure rupture from chemical reaction, explosion without resulting in fire, and overheat or scorching with no ignition.		
<u>Rescue and Emergency Medical Services</u>	65	545
Includes medical assists (majority of MFD calls in this category), vehicle accidents with injuries, vehicle/pedestrian accidents, lock-in (gaining access to a vehicle or other area where a patient is locked inside), search for a lost person, extrication (victims trapped in vehicle, elevator, trench, confined space, machinery), water and ice rescue, and electrocutions.		
<u>Hazardous Conditions (no fire)</u>	11	58
Includes combustible/flammable spills and leaks, chemical releases or toxic conditions, carbon monoxide incidents, power line down, electrical equipment problems, vehicle accidents with no injuries, incidents involving explosives and attempted arson.		
<u>Service Calls</u>	14	61
Includes people in distress (locked out of vehicle), water in basements or leaky hydrant, smoke or odor removal, animal rescue, provide police with assistance, smoke detector checks, and unauthorized burning.		
<u>Good Intent Calls</u>	05	27
Incidents where the fire department was dispatched and then cancelled while en-route to the call. Also includes calls where no emergency was found upon arrival. Incidents where steam was mistaken for smoke or smoke from a barbecue or other controlled fire was mistaken for an uncontrolled fire. Includes emergency medical calls when the patient had been transported prior to the arrival of emergency responders.		
<u>False Alarms and False Calls</u>	07	51
Includes false alarms that were malicious or mischievous in nature, bomb scares, alarm activation due to the system malfunctioning, and the accidental activation of the alarm system (example -burnt food).		
<u>Severe Weather and Natural Disaster</u>	00	00
Includes responses to severe weather and natural disasters to stand by, investigate, or to assess the damage to determine if any additional assistance is needed.		
<u>Other Type Incidents</u>	00	00
Includes citizen complaints concerning code or ordinance violations and any other incidents that may not fit any of the above categories.		
Total	109	771

Staff Training:

In July, the staff at the fire department completed emergency medical service training on the topic of Automated External Defibrillators (AED's). The Monmouth Fire Department currently has three AED's that are carried on the trucks that are licensed to respond to medical emergencies. All of the firefighters at the department are licensed EMT-Basics or Paramedics and have been trained on the use of AED's when they become certified but as part of the fire departments annual training, the staff completes a review of the use of the units. All of the firefighters reviewed the proper procedures for using the AED's including the daily and monthly checks to ensure that the AED's are in proper working order and ready for use.

Chief Rexroat attended a meeting/training at the Ameren Illinois Shanghai Storage Field to learn about pipeline safety and how to handle emergencies involving natural gas pipeline leaks.

Non-Emergency Activities:

The fire department provided a standby for the fireworks at Citizens Lake on July 4th.

Firefighters from the department participated in several public education/relations events in the community including the Lincoln School summer Pre-K program, the Warren County Public Library, and a "fill the backpack" event at South Park.

Apparatus and Equipment Related Items:

All of the ground ladders and the aerial ladder received their annual test which is recommended by the NFPA and required by ISO. The ladders are inspected and tested by an independent company called Consolidated Fleet Services. During the test, the ladders are subject to an extreme load and checked for bends, cracks, or other defects. The company also inspects the heat labels which are special heat sensitive stickers that are placed on the ladders which are designed to change colors if the ladder is exposed to excessive heat that could decrease the strength of the ladder. Although there were a few minor issues noted, all of the ladders at the department were certified for another year.

About a week after the ladder inspection, firefighters doing the weekly check of the ladder truck noticed a few issues with the ladder including pulleys that were worn and the pins that hold the pulleys coming out of place. The pulleys on the ladder are part of the system of cables which are used to extend and retract the ladder and are essential to the safe operation of the ladder. Due to the condition of the pulleys, the ladder was taken out of service until the repairs can be made.

Also on the ladder truck, a second issue involving the water pump was noted in July. The pump shaft that drives the water pump was leaking water which is usually repaired by repacking the shaft. Due to the age and condition of the pump shaft, it would not hold the packing needed to keep the pump from leaking water and so it will need to be replaced.

Engine 23 also went to Alexis Fire Equipment for repairs to the valves on the water pump. Five valves on the truck were rebuilt because they were either not holding water or were very difficult to operate.

Other:

All of the repairs to the North Fire Station caused by the wind storm last October have been completed. Included in the work was a new roof, four new bay doors and openers, ceiling grids/tiles, drywall repair and some electrical components. The station is starting to look back to normal as the firefighters are able to put things back where they should be.

Respectfully submitted,
Casey Rexroat, Fire Chief