DeKalb Fire Department
2013 Annual Report

Professionalism
Trust
Respect
History
Tradition
On behalf of the members of the DeKalb Fire Department, it is my pleasure to present the 2013 DeKalb Fire Department Annual Report.

In 2013, the Fire Department responded to 5,213 requests for service. Emergency medical calls account for 67% of the total emergency incidents.

The past year was spent addressing critical needs of the fire department. We have made great strides in the areas of personnel, stations, and apparatus.

Our stations experienced repairs ranging from minor painting and cleaning to a new addition at Station 2. Thank you to the members of the Fire Department who spent a lot of time on duty painting, cleaning, and upgrading the stations. The fire stations are in the best shape they have been in for many years.

In 2012, the Fire Department was fortunate to be one of five departments in the state to receive a zero interest loan for a much-needed fire engine. Fire personnel were able to specify bid and place into service that engine in 2013. Also purchased and placed into service were two command vehicles, an ambulance, and a used semi-truck for the technical rescue team.

The department reorganization was completed January 1, 2013 with the appointment of a new Assistant Chief of Training. With this dedicated position, we have increased our on duty training by 28% over the previous year. In late October, the up staffing plan was completed with the final new hire being placed on shift. This brought our total personnel up to the approved number of 57. This staffing level was short lived, as we experienced a retirement in December ending the year at the staffing level of 56.

In April, we experienced an upgrade in our Computer Aided Dispatching. This gave us the ability to track the location of all Fire Department units; thus reducing response times. Our reporting software was also upgraded to a program called Firehouse. There was a learning curve with both these programs; but, in the end, our data collection has improved greatly.

In closing, I would like to thank the Mayor, Council, City Staff and the members of the DeKalb Fire Department for their continued support. It is an honor to serve this community as their Fire Chief.
2013 FIRE DEPARTMENT ACCOMPLISHMENTS

- Repaired Station 3 roof
- Built addition on Station 2
- Remodeled Admin offices at Station 1
- Two Administrative vehicles, one engine, and one ambulance were added to the DeKalb Fire Department fleet
- Converted Fire Department records to new Firehouse software to improve management of records for all organizational facets of the department
- Began using new OSSI CAD software for dispatch fire calls and mapping incident locations

2014 FIRE DEPARTMENT GOALS

- Purchase ballistic wear per FEMA active shooter protocol
- Update Department Standard Operating Guidelines
- Institute Department wide Pre-planning Program
- Improve incident response times
- Exercise County Emergency Response Drill
- Encourage collaboration, cooperation and partnerships with area governments, agencies, and not-for-profit organizations
- Enhance public safety for our community and our residents

DeKalb Fire Department

At A Glance

- Organized: 1869
- Sworn Members: 57
- Civilian Personnel: 1
- Budget FY14: $8,911,868
- Service Area: 55.5 sq miles
- Ambulances: 6
- Engines: 4
- Ladder Trucks: 1
- Emergency Incidents: 5,213

City of DeKalb

At A Glance

- Founded: 1856
- Government: City Manager
- Budget FY14: $30,866,323
- Population: 44,030
- Firefighter/Population Ratio Per 1000 Inhabitants: 1.20
- Public Schools: 11
- College/Universities: 1
- Hospitals: 1
**HISTORY**

1869 Established as volunteer hook and ladder companies.

February 1904 City hired four full-time firefighters for new fire station on North 4th Street.

1926 Firefighters began platoon system working twenty-four hours on and twenty-four hours off.

1950s platoon system was revised to twenty-four hours on and forty-eight hours off – still in use today.

1950s Fire department assumed complete responsibility for emergency medical responses.

February 1977 Fire department trained fourteen firefighters as paramedics. DeKalb Fire Department was one of just over two hundred fire departments across the country to provide this level of care.

**RESPONSE AREA**

55 square miles, includes City of DeKalb, DeKalb Fire Protection Dist., I-88 Tollway, Northern Illinois University

**ISO RATING**

Class 4 – City
Class 6 – Fire Protection District

**ORGANIZATION**

**Administrative Division** personnel in the Fire Department work Monday through Friday, 8:30 a.m. to 5:00 p.m. The Administrative Division provides support to all emergency and non-emergency operations. The Administrative Division includes:

- Emergency Management
  - Incident Management Team
- Training
- Fire Prevention
  - Fire Inspections
  - Juvenile Firesetter Intervention
- Department Logistics
  - SCBA
  - Vehicle Maintenance
  - Firefighting Gear and Supplies
  - Disaster Preparedness
  - Fire Investigation
  - Public Education
  - Buildings and Grounds
  - Communications
  - EMS Equipment and Supplies

Although Department Logistics is under the Administrative Division umbrella, all Department Logistics administrative functions are performed by Operations Division Personnel.

**Program Coordinators**

- **Airport Rescue Firefighting**
  - Lieutenant Todd Stoffa
- **Communications**
  - Battalion Chief Jim Zarek
- **Fire Investigations**
  - Lieutenant Tom Guthrie
- **Firefighting Supplies**
  - Battalion Chief Bart Gilmore
- **Juvenile Firesetter Program**
  - Lieutenant Chris Ziola
- **SCBA**
  - Captain Tom Murphy
- **Vehicle Maintenance**
  - Captain Don Faulhaber
- **Buildings and Grounds**
  - Battalion Chief Tony Cox
- **EMS Supplies**
  - Captain Jeff Jossendal
- **Fire Prevention**
  - Lieutenant Tom Guthrie
- **Hazardous Materials Team**
  - Lieutenant Jim Carani
- **Public Education**
  - Lieutenant Mike Thomas
- **Technical Rescue Team**
  - Battalion Chief Jim Zarek

**Operation Division** consists of three Battalion Chiefs, three Captains, nine Lieutenants, and thirty-eight Firefighters for a total of fifty-three personnel. Operations personnel are divided into three 24-hour shifts. Currently, a minimum of 13 firefighters per day are assigned for emergency response duties. Operations personnel respond to requests for emergencies and perform a variety of non-emergency functions.

**RETIREMENTS**

Firefighter Drew Wells
Firefighter Joe Cahill

**PROMOTIONS**

Assistant Chief Jeff McMaster
Battalion Chief Bart Gilmore
Captain Jeff Jossendal
Lieutenant Keith Fritz
Administration and Fire Prevention
Non-Personnel Budget FY 14 = $443,654

- TRT, $1,200.00
- SCBA, $4,500.00
- Radio, $8,053.60
- PubEd, $350.00
- Vehicle Maintenance, $68,700.00
- Administration, $83,237.00
- EMS, $100,028.18
- Fire, $137,350.00
- Fire Investigation, $6,000.00
- Building and Grounds, $24,646.00
- Haz Mat, $3,050.00
- Fire Prevention, $6,540.00

Personnel Budget for FY2014 = $8,453,213

- Salary, $4,699,450.00
- Insurance, $1,264,738.00
- Pension, $2,163,925.00
- Contractual Obligations, $50,100.00
- Overtime, $275,000.00
$280,145 RECEIVED IN GRANTS AND LOANS

OSFM SMALL EQUIPMENT GRANT
The Office of the State Fire Marshal awarded the DeKalb Fire Department a $25,750.00 grant to purchase new turnout gear, boots, and helmets. This grant allowed the department to purchase seven complete sets of turnout gear, twenty-one pairs of boots, and twenty-five helmets.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
The Illinois Department of Public Health awarded the DeKalb Fire Department a $1,395.00 grant to purchase new vacuum splints for our ambulances.

ENBRIDGE ENERGY COMPANY
Enbridge Energy Company awarded the DeKalb Fire Department a $1,000.00 equipment and training grant. These funds were used to replace and upgrade four gas monitors.

WALMART FOUNDATION
Walmart Foundation awarded the DeKalb Fire Department a $1,000.00 grant from their Local Facility Giving Program. These funds were used to purchase Public Education supplies.

ALLSTATE FOUNDATION
The Allstate Foundation awarded the DeKalb Fire Department a $1,000.00 grant from their Allstate Agency Hands in the Community grant program. These funds were used to purchase smoke detectors for the department smoke detector program.

OSFM REVOLVING LOAN PROGRAM
The Office of the State Fire Marshal awarded the DeKalb Fire Department a $250,000.00 zero percent interest loan to purchase a new fire engine.
Fire Station #1, 700 Pine Street, houses the administrative offices of the Fire Department and serves the central and northeast side of DeKalb. Fire Station #1 was built in 1972.

Fire Station #2, 1154 S. 7th Street, serves the south side of DeKalb. Fire Station #2 was built in 1957. An addition was added to this station in 2013.

Fire Station #3, 950 W. Dresser Road, serves the northwest and west side of DeKalb. Fire Station #3 was built in 1994. A new roof was given to this station in 2013.
2013
EMERGENCY MANAGEMENT
ACOMPLISHMENTS
Implemented new City of DeKalb Emergency Operations Plan

2014
EMERGENCY MANAGEMENT
GOALS
Begin creation of City of DeKalb Continuity of Business Plan
Conduct tabletop and functional exercises on new Emergency Operations Plan
Annual update of City of DeKalb’s Emergency Operations Plan

EMERGENCY MANAGEMENT

In the City of DeKalb, the City Manager fills the role of Disaster Response Coordinator. The fire department has taken on the tasks of coordinating emergency planning, preparedness, and training functions. Planning, preparedness and training can all be considered a single function that includes updates to the city’s emergency plan; coordination of training for compliance with the National Incident Management System (NIMS) standard; and recognition and assessment of the community’s vulnerability to natural and man-made disasters.

The City of DeKalb is faced with a number of challenges regarding emergency planning that may require some creativity on the part of Elected Officials and City Staff. Many, if not all, of these challenges will require funding and staff time. Specific areas that need attention can be consolidated under the headings of Emergency Operation Center (EOC) and Training and Exercises.

Emergency Operation Center.
The city’s primary EOC is in the basement classroom of city hall. Damage to the room from a water leak has left the City without the use of its primary EOC location. Additionally, there have been no improvements to the information and technology capabilities of the EOC for many years. Information and Technology improvements would greatly influence the ability of the EOC staff to effectively manage large-scale incidents that occur within the City.

Training and Exercises.
Personnel resources are available to plan and conduct varying levels of exercises as part of a larger disaster preparedness program. Discussion based exercises, such as a tabletop exercise, are simple enough to plan and conduct. Larger functional and full-scale exercises are more demanding in the planning phase, and could be costly to conduct.

Day to day emergencies are handled very well by each of the city departments; the potential for large-scale emergencies that exceed these capabilities are very real. Efforts made toward planning, preparedness, and training will help to ensure that all emergencies are handled efficiently.
2013 TRAINING ACHIEVEMENTS

13,664 hours of mandatory training completed

560 hours of elective training completed

Streamlined the probationary firefighter evaluation process.

Implemented procedures for recording training into the new Firehouse software program.

2014 TRAINING GOALS

Continue to standardize and update the department training program and documentation.

Evaluate and complete mandated Tier I training for newer firefighters.

Continue to offer Tier II officer development classes.

Send five firefighters to Vehicle and Machinery Operations class.

Update firefighter training in the areas of HIPAA, NIMS, and sexual harassment/cultural diversity.

Continue training evolutions for special teams.

TRAINING

The training division at the DeKalb Fire Department facilitates continuing, state and federal mandated, and elective training to all line personnel. Training is delivered through a combination of internal and external training sources through scheduled and shift initiated training activities.

Continuing Education is provided to all shift personnel. This training is conducted on a daily basis. Because of a tight training budget, a greater emphasis is placed on in-house continuing education developed by the Assistant Fire Chief of Training and delivered by the Company Officers. Daily training includes:

- **Training in the areas of basic fire company operations, fire tactics and strategies, rescue skills, equipment operation review, incident case studies, building and construction overview, and district familiarization.**

- **Training topics include:** firefighter survival, utility emergencies, railroad safety, auto extrication practices, high-rise fire operations, pumping apparatus training, aerial ladder set-up practice, aircraft rescue and firefighting, defensive driving, and SCBA instruction and review.

- Monthly in-house continuing medical education classes are presented by instructors from the Kishwaukee Community Hospital Emergency Medical System and Assistant Fire Chief. These continuing medical education classes include managing mass casualty incidents, respiratory emergencies and treatment, Advance Cardiac Life Support, Pediatrics Advance Life Support, trauma, firefighter health and safety, clinical decision making and case studies, blood borne pathogens, bariatric patient care, psychiatric care, and communications.

- **Bi-monthly Hazardous Materials training.**

- **Bi-monthly Technical Rescue training.**

Elective Training is a contractual obligation that provides an opportunity for line fire personnel to attend a self-selected fire service related course every two years. Elective training is administered in a calendar year cycle.

Mandatory Training is training that is required to maintain either certifications or licensure through state and federal entities such as Illinois Department of Public Health and OSHA.
**2013**

**FIRE PREVENTION ACCOMPLISHMENTS**

Continued to increase the teamwork and cooperation with the Building & Code personnel and City Staff, which has improved the customer service delivered to developers, business owners, and residents.

Expanded the Knox Box program within the community and at the Fire Department.

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**2014**

**FIRE PREVENTION GOALS**

Continue to work on implementing a permanent Fire Prevention program for DeKalb’s elementary schools.

Reduce the average code compliance violations during inspections.

Implement Fire Department Pre-plan program

Continue building relationships with the “customers” in the community.

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**FIRE PREVENTION**

The Fire Prevention Bureau is an integral part of DeKalb Fire Department. Fire Prevention is a philosophy not just a duty. The focus of the Fire Prevention office is to build better relationships with property owners and managers and get them to “buy-in” to code compliance. Compliance in codes will reduce risk and save lives.

Fire Prevention activities include fire/life safety inspections, sprinkler acceptance testing, sprinkler hydro testing, underground flush, fire hydrant area flow tests, fire alarm acceptance, building plan reviews, sprinkler plan reviews, fire alarm plan reviews, hood suppression tests, knox box maintenance, post fire incident assistance, public education presentations, witnessing fire drills, and carbon monoxide incident follow up.

Additionally, Fire Prevention is used during emergency response as a liaison to the griefed to assist in salvage of personal affects, securing the property, and relocation of the occupant(s).
FIRE INVESTIGATIONS

The DeKalb Fire Investigation Team is responsible for determining cause and origin for fire in the City of DeKalb, DeKalb Fire Protection District, and Northern Illinois University. The DeKalb investigation team consists of six state certified fire investigators. The DeKalb Fire Department Investigation Team also uses outside agencies when necessary. The DeKalb Police Department, ATF, and State Fire Marshal are utilized on an "as needed" basis. There is no additional cost to the DeKalb Fire Department when outside agencies are requested.

2013 FIRE INVESTIGATIONS ACCOMPLISHMENTS

The DeKalb Fire Investigators saw a slight decrease in workload during 2013. There were 35 files generated this year, which is a slight decrease from the previous year. Most of the investigations were completed by on-duty investigators.

Two additional members added to the Investigation Team

Two members attended 3-40 hours investigation training modules

One member attended Illinois Fire Investigation conference

One member attended photography training at Kishwaukee Community College

Developed “Fire Investigation Guidelines” which will help Shift Commander determine when an investigation is needed.

Fire Investigators are required to maintain their certification with the State of Illinois using a point/criteria system. Fire Investigators are awarded hour for hour continuing education for investigating fires and attending seminars/classes. Each fire investigator is required to obtain 100 hours to maintain his/her certification. Sixty hours of training are required and forty hours of scene investigation is necessary during the four-year cycle.

2014 FIRE INVESTIGATION GOALS

Appoint and train 1-2 additional investigators

Provide needed recertification training for two investigators

Implement “Investigation guidelines” to help Shift Commander’s determine when an investigation is indicated.

Research and purchase new investigation camera to be used exclusively on investigation scenes.
2013
JUVENILE FIRESETTER ACCOMPLISHMENTS

Continued participation in the Juvenile Firesetter Coalition for DeKalb County, along with other agencies in the county.

Attended quarterly meetings and interacted with other agencies.

2014
JUVENILE FIRESETTER GOALS

Continue as an active participant in the Juvenile Firesetter Coalition for DeKalb County, along with other agencies in the county.

Attended quarterly meetings and interacted with other agencies.

The Juvenile Firesetter (JFS) team is responsible for educating any juvenile involved in the setting of fires. The program is based on a four meeting process with the juvenile, parent(s), and the JFS interventionist. The goal of the intervention is to educate the juvenile and parents to make them aware of the dangers involved when playing with fire.

The DeKalb Fire Department Juvenile Firesetter team consists of four members. All members are certified through the State of Illinois and follow a set procedure/format, which is used to grade and evaluate the juvenile’s specific case. The program is, for the most part, voluntary in nature. However, some cases that are sent to us through the State Attorney’s office are part of a court order required to complete sentence requirements or probation. All information obtained during the intervention is confidential.

KISHWAUKEE EDUCATION CONSORTIUM

The Kishwaukee Education Consortium (KEC) instituted a fire science program approximately eight years ago. The first classes met at the Sycamore Fire Station and were taught by off-duty Sycamore fire fighters under contract to KEC. The program was successful and KEC sought to expand its scope. Six years ago, it was expanded to two years with the high school juniors learning the basics of fire fighting and the seniors dealing more with specialized areas such as EMS. The juniors meet at the DeKalb Fire Department and are taught by retired DeKalb Assistant Chief Scott Love, retired Lieutenant Karl Froehlich, and retired firefighter Joe Admonis. KEC holds their classes at Fire Station 1 each afternoon during the school year. The opportunities to have the students observe the firefighters and vice versa have been positive for both groups.
Public Education is an essential component to lowering a community’s fire losses. The DeKalb Fire Department strives to find ways to reach the citizens and teach fire safety to the community. Station tours are an excellent way to familiarize the members of the community with the fire department and help them learn their role in fire safety. We always enjoy the community contacting us to schedule a time to stop by, meet our membership, and learn about fire safety.

In addition to station tours and safety talks, the fire department participates in fire drills at all public schools in DeKalb as well as Northern Illinois University dormitories, sororities, and fraternities. Additionally, members of the DeKalb Fire Department also attend events in the community as requested to further the fire and life safety message of the Fire Department.

<table>
<thead>
<tr>
<th>Number of Adults</th>
<th>Number of Children</th>
<th>Number of Activities</th>
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<tr>
<td>CPR Training</td>
<td>15</td>
<td>1</td>
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<tr>
<td>Extinguisher Training</td>
<td>6</td>
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<tr>
<td>Fire Drills</td>
<td>8</td>
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<tr>
<td>Parades</td>
<td>12</td>
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<tr>
<td>Participated in Events</td>
<td>23</td>
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<tr>
<td>Other Activities</td>
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<tr>
<td>Station Tours</td>
<td>145</td>
<td>20</td>
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<tr>
<td>Touch A Truck</td>
<td>74</td>
<td>16</td>
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<tr>
<td>Total Pub Ed Activities</td>
<td>234</td>
<td>92</td>
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</table>
Operations
# SERVICES

Requests for Service By Year and Type of Call

<table>
<thead>
<tr>
<th>Type of Call</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fires</td>
<td>198</td>
<td>179</td>
<td>223</td>
<td>168</td>
</tr>
<tr>
<td>Overpressure Excessive Heat</td>
<td>17</td>
<td>13</td>
<td>14</td>
<td>6</td>
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<tr>
<td>EMS</td>
<td>3386</td>
<td>3433</td>
<td>3476</td>
<td>3526</td>
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<tr>
<td>Motor Vehicle Accidents</td>
<td>262</td>
<td>256</td>
<td>253</td>
<td>247</td>
</tr>
<tr>
<td>Rescue</td>
<td>17</td>
<td>14</td>
<td>22</td>
<td>15</td>
</tr>
<tr>
<td>Hazardous Conditions</td>
<td>275</td>
<td>326</td>
<td>309</td>
<td>272</td>
</tr>
<tr>
<td>Public Service</td>
<td>289</td>
<td>264</td>
<td>340</td>
<td>258</td>
</tr>
<tr>
<td>Good Intent</td>
<td>127</td>
<td>164</td>
<td>131</td>
<td>144</td>
</tr>
<tr>
<td>False Alarms</td>
<td>444</td>
<td>454</td>
<td>454</td>
<td>570</td>
</tr>
<tr>
<td>Weather</td>
<td>13</td>
<td>3</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5028</strong></td>
<td><strong>5106</strong></td>
<td><strong>5224</strong></td>
<td><strong>5213</strong></td>
</tr>
</tbody>
</table>
Total Incidents By Hour of Day

Calls By Day of Week

- Saturday: 747
- Friday: 817
- Thursday: 726
- Wednesday: 720
- Tuesday: 756
- Monday: 744
- Sunday: 699
Calls By Incident Type Category

- Rescue and emergency medical service incidents, 3876, 75%
- False Alarm and False Calls, 570, 11%
- Fires, 165, 3%
- Special Incident Types, 19, 0%
- Severe Weather and natural disaster, 7, 0%
- Overpressure rupture, explosion, overheated - no fire, 6, 0%
- Service Calls, 258, 5%
- Good Intent Calls, 125, 2%
- Hazardous conditions - no fire, 183, 4%

Incident Response by Fire Station

- Station 1, 1698, 33%
- Station 2, 1382, 26%
- Station 3, 2129, 41%
EMERGENCY RESPONSE FACTS

One fire every 53 hours

One civilian fire injury every year

One structure fire every 5 1/4 days

One person transported by ambulance to the hospital every 3.07 hours

One person refuses hospital transport every 9 hours

One motor vehicle accident every 34 hours and 54 minutes

One Good Intent/Public Service call every 22 hours and 52 minutes

One false alarm every 15 hours and 22 minutes
**SIMULTANEOUS CALLS**

**Number of Times 2 or More Different Emergency Incidents Occurred Simultaneously**

- 2 times
- Linear (2 times)

**Number of Times 4 or More Different Emergency Incidents Occurred Simultaneously**

- 4 times
- Linear (4 times)

**Number of Times 6 or More Different Emergency Incidents Occurred Simultaneously**

- 6 times
## SIGNIFICANT NOTABLE RESPONSES

<table>
<thead>
<tr>
<th>Date</th>
<th>Incident Type</th>
<th>Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 5</td>
<td>Flammable Liquid Spill</td>
<td></td>
</tr>
<tr>
<td>January 9</td>
<td>Vehicle Fire</td>
<td>$10,000 loss</td>
</tr>
<tr>
<td>January 14</td>
<td>Building Fire</td>
<td>$30,000 loss</td>
</tr>
<tr>
<td>February 9</td>
<td>Building Fire</td>
<td>$25,800 loss</td>
</tr>
<tr>
<td>February 10</td>
<td>Elevator Extrication</td>
<td></td>
</tr>
<tr>
<td>February 11</td>
<td>Building Fire</td>
<td>$20,000 loss</td>
</tr>
<tr>
<td>February 11</td>
<td>Combustible Liquid Spill</td>
<td></td>
</tr>
<tr>
<td>February 20</td>
<td>Building Fire</td>
<td>$70,000 loss</td>
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<tr>
<td>March 1</td>
<td>Vehicle Extrication</td>
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<tr>
<td>March 15</td>
<td>Chemical Spill/Leak</td>
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<tr>
<td>March 16</td>
<td>Elevator Extrication</td>
<td></td>
</tr>
<tr>
<td>March 28</td>
<td>Building Fire</td>
<td>$90,000 loss</td>
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<tr>
<td>April 6</td>
<td>Vehicle Extrication</td>
<td></td>
</tr>
<tr>
<td>April 10</td>
<td>Building Structure Collapse</td>
<td></td>
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<tr>
<td>April 13</td>
<td>Vehicle Fire</td>
<td>$14,000 loss</td>
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<tr>
<td>April 13</td>
<td>Vehicle Fire</td>
<td>$14,000 loss</td>
</tr>
<tr>
<td>April 13</td>
<td>Combustible Liquid Spill</td>
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<tr>
<td>April 18</td>
<td>Chemical Spill/Leak</td>
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<tr>
<td>May 13</td>
<td>Vehicle Extrication</td>
<td></td>
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<tr>
<td>May 19</td>
<td>Chemical Spill/Leak</td>
<td></td>
</tr>
<tr>
<td>May 23</td>
<td>Flammable Liquid Spill</td>
<td></td>
</tr>
<tr>
<td>May 30</td>
<td>Wind/Storm/Tornado</td>
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<tr>
<td>May 30</td>
<td>Wind/Storm/Tornado</td>
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<tr>
<td>May 30</td>
<td>Wind/Storm/Tornado</td>
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<tr>
<td>June 4</td>
<td>Elevator Extrication</td>
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<tr>
<td>June 14</td>
<td>Chemical Spill/Leak</td>
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<tr>
<td>June 23</td>
<td>Swift Water Rescue</td>
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<td>June 24</td>
<td>Elevator Extrication</td>
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<tr>
<td>July 19</td>
<td>Building Fire</td>
<td>$50,000 loss</td>
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<tr>
<td>July 23</td>
<td>Vehicle Fire</td>
<td>$51,000 loss</td>
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<td>August 3</td>
<td>Building Fire</td>
<td>$20,000 loss</td>
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<tr>
<td>August 12</td>
<td>Building Fire</td>
<td>$10,000 loss</td>
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<tr>
<td>August 19</td>
<td>Building Fire</td>
<td>$15,000 loss</td>
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<tr>
<td>August 22</td>
<td>Flammable Liquid Spill</td>
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<tr>
<td>August 22</td>
<td>Elevator Extrication</td>
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<tr>
<td>August 24</td>
<td>Severe Weather</td>
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<tr>
<td>September 9</td>
<td>Chemical Spill/Leak</td>
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<td>September 23</td>
<td>Confined Space Rescue</td>
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<tr>
<td>October 17</td>
<td>Vehicle Extrication</td>
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<tr>
<td>October 22</td>
<td>Building Fire</td>
<td>$75,000 loss</td>
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<tr>
<td>October 25</td>
<td>Building Fire</td>
<td>$175,000 loss</td>
</tr>
<tr>
<td>November 17</td>
<td>Elevator Extrication</td>
<td></td>
</tr>
<tr>
<td>November 17</td>
<td>Elevator Extrication</td>
<td></td>
</tr>
<tr>
<td>December 12</td>
<td>Chemical Spill/Leak</td>
<td></td>
</tr>
<tr>
<td>December 17</td>
<td>Flammable Liquid Spill</td>
<td></td>
</tr>
<tr>
<td>December 24</td>
<td>Building Fire</td>
<td>$75,000 loss</td>
</tr>
<tr>
<td>December 29</td>
<td>Flammable Liquid Spill</td>
<td></td>
</tr>
<tr>
<td>December 31</td>
<td>Road/Freight Fire</td>
<td>$39,100 loss</td>
</tr>
</tbody>
</table>
INTERESTING FACTS

Fire Response

Every 2 days

Structure Fire Response

Every 5 days

FIRE SUPPRESSION

The response to fires is a coordinated effort that can vary from a single fire truck responding to a car fire to multiple pieces of equipment responding to a structure fire. The initial response to a reported structure fire is two engine companies, a ladder truck, an ambulance, and the shift commander. Fire suppression vehicles will also at times supplement staffing needs on emergency medical calls and are equipped to remove trapped victims of motor vehicle collisions.
Emergency Medical Services (EMS) provide for immediate pre-hospital care of the sick and injured. The DeKalb Fire Department is a member of the Kishwaukee Community Health Emergency Medical Systems.

Arriving on scene in a timely fashion and critical interventions in life threatening emergencies is the hallmark of our fire based emergency medical service (EMS). EMS plays a critical role in patient outcomes and a community’s ability to survive life threatening events. Fire based EMS helps provide our community tremendous benefits and is a great value to our community. The fire department is always seeking ways to improve our ability to be effective and benefit our patients at the scene of an emergency.
2013 EMS Calls by Outcome

- Treated and Transported, 2849, 74%
- Lift Assist, 23, 1%
- No Treatment Required, Refused Transport, 464, 12%
- Patient Refused Care, Refused Transport, 196, 5%
- Treated, Refused Transport, 277, 7%
- No Patient Found, 1, 0% Dead at Scene, 23, 1%
- Treated, Transferred Care, 1, 0%

2013 EMS Calls by Response Level

- ALS1, 1403, 37%
- ALS2, 362, 9%
- BLS, 1410, 37%
- Lift Assist, 14, 0%
- Refusal, 638, 17%
- No Patient Found, 3, 0%
- Paramedic Intercept, 4, 0%
Logistics
FIRE FIGHTING EQUIPMENT & SUPPLIES

The goals for 2013 included purchasing new fire hose and maintaining and repairing firefighter bunker gear.

2013 Accomplishments
- All known damage to in service bunker gear was repaired.
- A grant given to the department provided for the purchase of ten new sets of bunker gear for firefighters whose gear had passed its ten-year life span. The grant also provided for the purchase of seventeen new sets of firefighting boots, replacing eleven pairs of defective boots and providing a stock of six pairs for future needs. Some of the old gear and boots were kept for use by firefighters whose gear is out for repair or is being washed. Several sets of bunker gear and boots were donated to the Kishwaukee Education Consortium (KEC) program so the students would have equipment to use during training.
- The Foreign Fire Board purchased leather helmets for half of the department.
- Approximately $1,200 of new hose was purchased.

2014 Goals
- Continue to monitor gear for repair or replacement.
- Replace hose as needed.
- One area of concern is the large number of current bunker gear that is approaching the end of its ten-year life cycle. In 2007, thirty-three sets of gear were purchased. In 2008, five sets were purchased, and, in 2009, six sets were purchased. Therefore, in the next four years, the department will have to replace at least eight sets of gear in order to have gear that meets the NFPA standard in 2017. We paid about $1,600 for a set of gear in 2013. Funding sources will be sought for the replacement of bunker gear, whether through the budget process or through available grants.
BUILDINGS AND GROUNDS

Building and Grounds has the responsibility for repairs and maintenance for DeKalb’s three fire stations, built in 1957, 1972, and 1994. Snow removal, mowing, and landscaping are just a few of the activities handled by on-duty firefighters. Daily and weekly maintenance, as well as minor station repairs, are handled by on-duty DeKalb firefighters. Daily cleaning chores (housework) are completed by on-duty shift personnel 365 days a year. Captain Murphy inventories and maintains station supplies for all three fire stations. On-duty firefighters are also tasked with maintaining station systems, like the plymovent vehicle exhaust system and doing general weekly maintenance on HVAC systems. Major repairs and significant maintenance are handled by local private contractors, which specialize in their respective fields.

2013 Accomplishments

Station 1
- Administration offices remodeled
- New shed to help with storage
- New outside generator installed and the old one removed
- Changes were made to the mechanic and SCBA shops to improve efficiency.

Station 2
- A building addition was built that included two new bathrooms, a locker room, and bunkroom.

Station 3
- Replaced the roof
- Painted the interior walls
- New carpet installed in the living quarters
- Kitchen received a facelift.

2014 Goals
- Improve the training room at Station 1
- Paint and remodel the report writing room at Station 1
- Remodel the old section of Station 2 to create a more usable and efficient space
- Paint the outside of Station 2
- Paint the outside of Station 3
EMS EQUIPMENT & SUPPLIES

Emergency Medical Services (EMS) provide for immediate pre-hospital care of the sick and injured. The DeKalb Fire Department is a member of the Kishwaukee Community Emergency Medical Services System.

Emergency Medical Service (EMS) is a major part of our service to the citizens of DeKalb and the fire protection district. We strive to provide the best and most cost effective service possible.

2013 Accomplishments

- Ambulance inventories were streamlined to keep costs down. Inventories were designed to match Illinois Department of Public Health (IDPH) and Kishwaukee Community Health Emergency Medical Systems (KCHEMS) mandates, which enabled each ambulance to carry less inventory. Excess inventory was collected and brought to Station 1 for future restocking of the ambulances.
- In addition, some negotiations with supply vendors allowed us to reduce pricing on our supplies.
- EMS bags were reconfigured in hopes of making the jobs of the paramedic a little easier and less confusing.
- We were awarded a grant of $1,385.00 from IDPH, which was used to purchase vacuum splints for all the ambulances to replace the blue foam splints.
- We also went to a new glucometer, which allowed us to lower our cost of test strips.
- EMS ended the year within budget, and everyone is commended for their hard work and input that made this all possible.

2014 Goals

- New vacuum splints will be placed in service, which will provide a much better treatment option for our patients.
- We will continue to keep control of supply costs by tracking inventories and seeking the best price possible for our supplies.
- Additionally, the stretcher batteries are becoming ineffective, so we will have to explore options to replace and or upgrade them.
- We will continue to explore any new equipment that will allow our paramedics to provide the best service in the City of DeKalb and stay within budget.
The DeKalb Fire Department SCBA program has been active in maintaining all respiratory protection equipment utilized by the department. The equipment that is maintained in this program includes all breathing apparatus, mobile and stationary air supply systems, and all personnel protective face pieces. The technicians in this program also maintain department battery supplies and provide respiratory protection training to all personnel.

2013 Accomplishments

- Quarterly air quality test of compressor
- Monthly maintenance of air compressor
- Annual flow testing completed on all Scott SCBA by Scott technician.
- Annual SCBA face piece fit testing of all personnel
- Annual SCBA inspection and battery replacement.
- Initial face piece and APR fit testing for all new hires
- Maintained department battery supply levels.
- All compressor repairs and annual maintenance performed
- Provided training to all personnel on all air systems.
- Purchased replacement parts for repairing and maintaining face pieces and air packs.

2014 Goals

- Maintain and upkeep all breathing apparatus.
- Maintain and upkeep all breathing apparatus air supply systems.
- Complete annual flow testing of all Scott SCBA
- Complete annual SCBA face piece fit testing of all response personnel.
- Complete initial face piece and APR fit test all new hires.
- Maintain battery supply levels.
- Complete hydrostatic testing of 48 Scott 30 min bottles, 4 Scott 1 hour bottles and 3 Draeger 1 hour bottles.
- Purchase 4 Scott Air Pak 75 SCBA and six Scott one hour bottles to replace the Draeger Haz Mat SCBA.
- Purchase 2 Scott Air Pak 75 SCBA to be used as spare or training units.
- Provide basic technician level training to three technicians.
COMMUNICATIONS

2013

COMMUNICATIONS ACCOMPLISHMENTS

Installed communications equipment (mobile radios, portable radios, intercom systems, and mobile computers) in several new vehicles purchased by the department.

Assisted the police department when it came time to move the dispatch center to the new police station. This also included moving the main fire transmitter to the new antenna tower at the police station.

Continued to perform preventive maintenance functions on the equipment to keep it in the highest working order.

Made repairs as necessary to keep equipment in working order.

2014

COMMUNICATIONS GOALS

To continue maintaining all equipment in working order.

To convert the remaining water tower to a fiber optic connection.

To research and develop proposals for new technologies in communications that will benefit the fire department.

The communications program is responsible for maintaining, researching, and updating of equipment, and administration of communications for the DeKalb Fire Department. This communications includes all radio equipment, cell phones, Lifenet devices, and mobile computers. Currently we have 108 radios in our inventory, 58 personal pagers, 12 mobile computers, 18 cell phones, and 6 Lifenet devices. The program coordinator also acts as the Government Emergency Telephone Service (GETS) program administrator. GETS is a program that provides calling cards to key officials in the event of a major incident. These cards will allow the key official to make phone calls when the telephone system is under heavy load.
VEHICLE MAINTENANCE ACCOMPLISHMENTS

Three firefighters were added to the Vehicle Maintenance Team.

The Team was reorganized to provide each member of the team a specific area of responsibility.

Two Administrative vehicles, one engine, and one ambulance were added to the DeKalb Fire Department fleet.

VEHICLE MAINTENANCE GOALS

The Vehicle Maintenance Team will continue to streamline all record keeping and maintenance processes by utilizing the Firehouse software. This software will allow the Team and the Department to track scheduled maintenance, costs of repairs, recurring problems, and create reminders for preventative maintenance on all department apparatus and equipment.

The team, along with Chief Hicks, will continue researching alternative funding for replacement of ageing equipment.
Special Teams
HAZARDOUS MATERIALS

ACCOMPLISHMENTS

Team drilled at the airport

Team participated in "Rapid Resource Response" mobilization drill at the MRC in Wheeling, hosted by MABAS.

Team drilled with 3M Corp.

Obtained from MABAS a new 4-gas monitor, new level "B" suits, white powder kits, drager tubes, and other "consumables."

HAZARDOUS MATERIALS GOALS

Continue with the organization of the team and add members,

Continue to train regularly and build upon the training,

Incorporate the duty crews into the training,

Network and build the MABAS team with other departments,

Update old equipment

Continue to educate our members, and be ready to respond when called upon.

Replace obsolete monitors

2013

2014

HAZARDOUS MATERIALS

The Hazardous Materials Team has nine firefighters trained to the Hazardous Materials Technician Level. Only technicians by federal statute are permitted to conduct offensive measures to contain and control hazardous materials releases. All members of the fire department are trained to the operations level permitting them to conduct defensive measures. The Hazardous Materials Team is trained and prepared to respond to and manage commercial, industrial, transportation, and residential hazardous materials releases. In addition, the team is trained to respond to releases from international and domestic terrorism events.

2013 was the second year of the team coming back from a period of some dormancy. With a limited budget, compared to years in the past, we were able to accomplish several team drills, make some strides in our team organization, and add a few members to the roster.
2013
TECHNICAL RESCUE ACCOMPLISHMENTS
Conducted two five hour training session, which was a confined space and structural collapse scenario.
Responded to a confined space incident with the Genoa-Kingston Fire Department and successfully rescued three civilians.
Performed an assessment of the Wurlitzer building for structural stability after an incident at that location.
Purchased a used semi-tractor and placed it in-service as a replacement for the 1979 semi-tractor that had many safety and mechanical issues.
2014
TECHNICAL RESCUE GOALS
To conduct four training sessions, one in each discipline (high angle, confined space, trench collapse, and structural collapse).
To continue to look at new trends in this area and make improvements as need to the team.
To continue to look at tools and equipment for maintenance and / or replacement.
To respond as requested and as needed.

TECHNICAL RESCUE
The Technical Rescue Team is fourteen members of the DeKalb Fire Department who are specially trained to deal with specialized rescues in the following disciplines: high angle, confined space, trench collapse, structural collapse, and grain bin entrapment. The DeKalb Fire Department team is also part of the MABAS Division 6 Technical Rescue Team, which is a regional and statewide response team for technical rescue incidents. Both Teams are led by Battalion Chief Zarek of the DeKalb Fire Department. The team is also part of the Illinois Statewide Disaster Plan. In the event of a major incident anywhere in the state, we can be called upon to respond for assistance. Examples of this type of response are events such as tornados or earthquakes.
The team responds out of two vehicles, both of which are owned by the DeKalb Fire Department. Rescue 1 was purchased in 2004 with funds provided by the Assistance to Firefighters Grant. The other unit is Rescue 6. Rescue 6 is a beverage delivery tractor-trailer that was converted to fit the needs of the technical rescue team. The equipment carried on the vehicles ranges from simple pieces of wood to sophisticated electronics. The majority of the equipment carried on Rescue 6 was given to the team through a grant from the Illinois Terrorism Task Force.
Initial training to be a team member consists of eleven classes that need to be taken. Out of the eleven classes, ten of those classes were forty hours in length and one was eighty hours. The members then were able to take the Illinois State Fire Marshal’s test and become certified in each of the specialties.
### PURPOSE

Increase the level of safety for responders.

Ensure the efficiency and effectiveness of both emergency incidents and pre-planned events.

To establish a system to ensure that all members are trained and qualified to operate within the organization’s incident management system (IMS) structure.

### INCIDENT MANAGEMENT TEAM

National Incident Management System (NIMS) compliant team responds to and plans for emergency and planned events. Members are part of the regional Communiversity Team and one team member is a member of the State of Illinois Incident Management Team.

The Communiversity Incident Management Team is a multi-agency cooperative effort of the The City of DeKalb Fire Department, the Northern Illinois University Department of Public Safety, and the Northern Illinois University Convocation Center.

The Communiversity Incident Management Team has facilitated communication, effective resource utilization, and planning and preparedness functions across multiple agencies and disciplines. It has served as an advocate for unification of command and control among multiple agencies and developed processes that reduce conflict in times of great need. The team is proud of their accomplishments and looks forward to meeting future challenges and growth.

Comply with known incident management laws and standards including:

- CFR 1910.120 – OSHA requirement for IMS at all hazardous material incidents.
- NFPA 1500 – Standard for Fire Department Occupational Safety and Health program.
- NFPA 1561 – Standard for Emergency Services Incident Management System.

To establish a system to ensure that all members are trained and qualified to operate within the organization’s IMS structure.

### 2013 MOBILIZATION REPORT

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Incident Type</th>
<th>IAP #</th>
<th>Planned/Unplanned</th>
</tr>
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<tbody>
<tr>
<td>January 25, 2013</td>
<td>DeKalb vs. Sycamore</td>
<td>Basketball</td>
<td>13-1</td>
<td>Planned</td>
</tr>
<tr>
<td>February 14, 2013</td>
<td>Miranda Lambert</td>
<td>Concert</td>
<td>13-2</td>
<td>Planned</td>
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<tr>
<td>March 5, 2013</td>
<td>IHSA 1A &amp; 2A Supersectionals</td>
<td>Basketball</td>
<td>13-3</td>
<td>Planned</td>
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<td>March 12, 2013</td>
<td>IHSA 3A &amp; 4A Supersectionals</td>
<td>Basketball</td>
<td>13-4</td>
<td>Planned</td>
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<td>April 12, 2013</td>
<td>Dance</td>
<td>Dance</td>
<td>13-5</td>
<td>Planned</td>
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<td>April 18, 2013</td>
<td>DeKalb Flood</td>
<td>Flood</td>
<td>13-6</td>
<td>Unplanned</td>
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<td>June 22, 2013</td>
<td>MS Bike Tour de Farms</td>
<td>Event</td>
<td>13-7</td>
<td>Planned</td>
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<tr>
<td>July 4, 2013</td>
<td>4th of July Festivities</td>
<td>Event</td>
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<tr>
<td>August 22, 2013</td>
<td>Move In Day</td>
<td>Event</td>
<td>13-8</td>
<td>Planned</td>
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<td>August 30 – September 1, 2013</td>
<td>Corn Fest</td>
<td>Event</td>
<td>13-9</td>
<td>Planned</td>
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<tr>
<td>September 21, 2013</td>
<td>NIU vs. EIU</td>
<td>Football</td>
<td>13-10</td>
<td>Planned</td>
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<tr>
<td>October 11-12, 2013</td>
<td>NIU Homecoming Events</td>
<td>Football</td>
<td>13-11</td>
<td>Planned</td>
</tr>
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<td>October 26, 2013</td>
<td>NIU vs. EMU &amp; Sheryl Crow</td>
<td>Football &amp; Concert</td>
<td>13-12</td>
<td>Planned</td>
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<tr>
<td>November 13, 2013</td>
<td>NIU vs. Ball State</td>
<td>Football</td>
<td>13-13</td>
<td>Planned</td>
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<tr>
<td>November 26, 2013</td>
<td>NIU vs. WMU</td>
<td>Football</td>
<td>13-14</td>
<td>Planned</td>
</tr>
<tr>
<td>November 29 &amp; 30, 2013</td>
<td>IHSA Football</td>
<td>Football</td>
<td>13-15</td>
<td>Planned</td>
</tr>
</tbody>
</table>
The DeKalb Fire Department is responsible for the delivery of fire protection, rescue, emergency medical services, and hazardous materials response to the DeKalb Taylor Municipal Airport (DTMA). This emergency response capability is generally referred to as ARFF (Aircraft Rescue and Firefighting).
IAFF LOCAL 1236

The DeKalb Firefighters Union Local 1236 takes pride in their active role in supporting various community groups and organizations throughout the year both on and off duty. Here are some of our community outreach initiatives accomplished in 2013:

- Over $1,000 donated between cash and turkeys to help support the Salvation Army’s “Let’s Talk Turkey” campaign.
- Donated $500 worth of food to the “Freezing for Food” campaign.
- Supported the DeKalb Police Department with a $500 donation along with donated goods for the Washington, IL tornado relief effort.
- Firefighters wives participated in a volunteer capacity serving meals at the Feed Em’ Soup kitchen along with a donation to their annual auction benefit.
- Donated four sponsorships to both boys and girls athletic programs through the DeKalb Park District.
- Donated a Birthday Party at the Fire Station for fundraising efforts at St. Mary’s School.
- Supported the Castle Challenge.
- Participated in different Ramp fundraisers with donations of over $500.
- Participated in the Big Brothers – Big Sisters “Bowl for Kids’ Sake” and contributed a sponsorship of this event in partnership with Sycamore Firefighters Local 3046.
- Finished the Warrior Project in December by assisting five needy veterans families with Christmas shopping at Target, the purchase of various gifts totaled over $2,000.
- Continued donations and support for the DeKalb Firefighters Historical Foundation, along with participation in our annual pancake breakfast to support the goal of a Fire Museum in DeKalb.
- The membership continues to offer an annual $500 scholarship through Kishwaukee College for students pursuing a degree in fire science or an allied health related field of study.

These are a few of our many efforts to support the DeKalb community. Our membership also takes an active role in volunteering and participating in many of these organizations and service clubs located in DeKalb. We look forward to continuing our efforts to support the residents of DeKalb in 2014.
**IMPORTANT DATES**

**2014 Calendar**

Flood Safety Awareness Week  
March 17-21

Daylight Savings  
Change Clock/Change Your Battery  
March 9, 2014

Flood Weather Awareness Week  
March 16-22

International Firefighter Appreciation Day  
May 4

Arson Awareness Week  
May 4-10

Emergency Preparedness Week  
May 4-10

Illinois Fallen Firefighters Memorial and Firefighter Medal of Honor Ceremony  
May 6, 2014

EMS Appreciation Week  
May 18-24

International Fire/EMS Safety and Health Week  
June 15-21

Lightning Awareness Week  
June 22-28

Patriot’s Day  
September 11

IAFF Fallen Firefighter Memorial  
September 20

Fire Prevention Week  
October 5-11

National Fallen Firefighters Memorial Weekend  
October 11-12

Daylight Savings  
Change Clock/Change Your Battery  
November 2, 2014

**IMPORTANT NUMBERS**

**Emergency Services:** 9-1-1

Emergency Medical Services  
Fire Suppression  
Hazardous Materials  
Technical Rescue

**Non-Emergency Services:** 815-748-8460

Administration  
Disaster/Crisis Planning  
Incident Reports  
Paramedic Service Questions  
Fire Investigations  
Fire Station Tours  
Juvenile Firesetter Counseling  
Burn Permits  
Fireworks Permits

**Fire Prevention:** 815-748-8457

Building Evacuation Planning  
Fire Code Enforcement  
Fire Code and Fire Protection Systems Questions  
Fire Inspections  
Fire and Life Safety Education Programs  
Knox Box Program  
Smoke Detector Installation and Battery Replacement

www.cityofdekalb.com/DFD.html  
www.facebook.com/dekalbfire