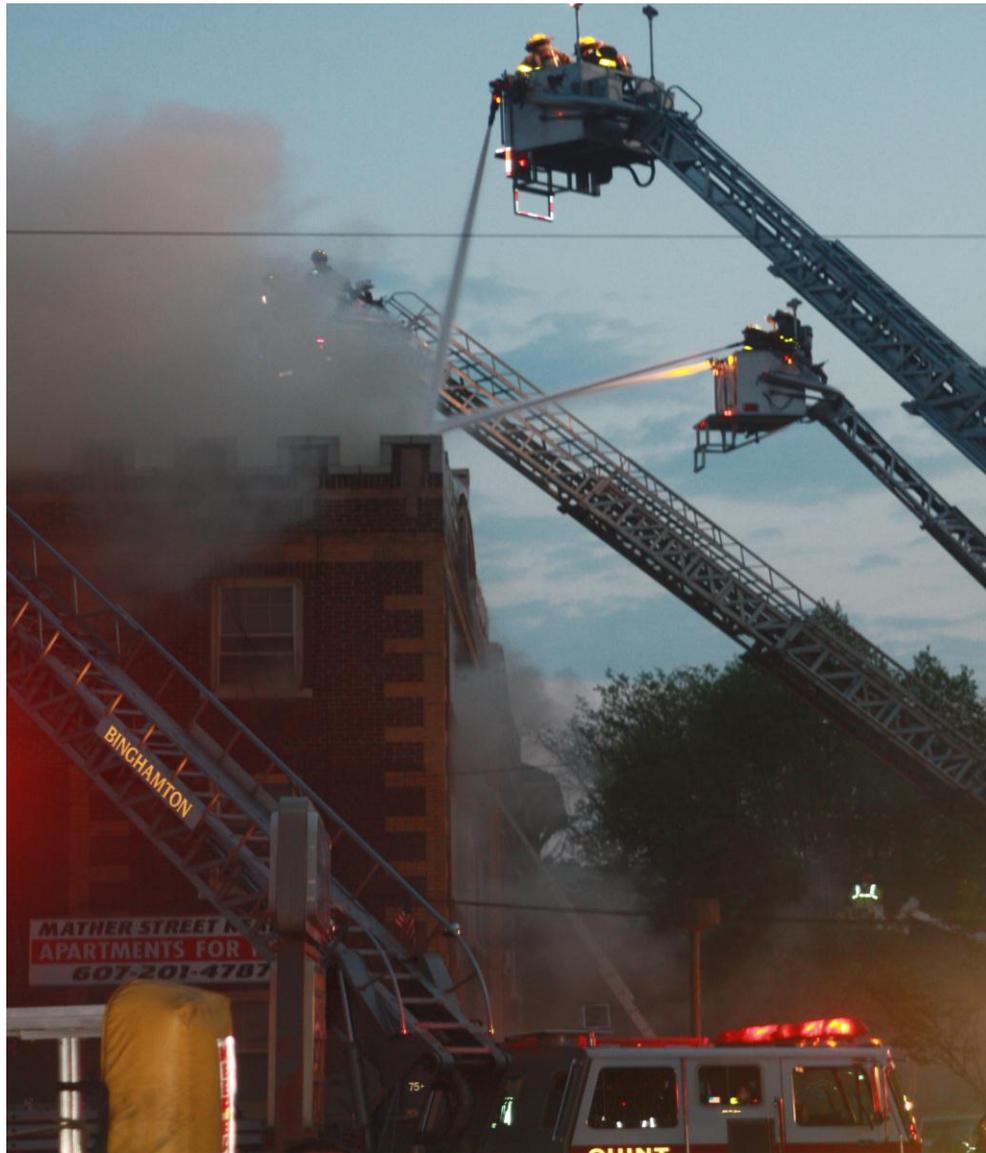


# CITY OF BINGHAMTON BINGHAMTON FIRE BUREAU 2015

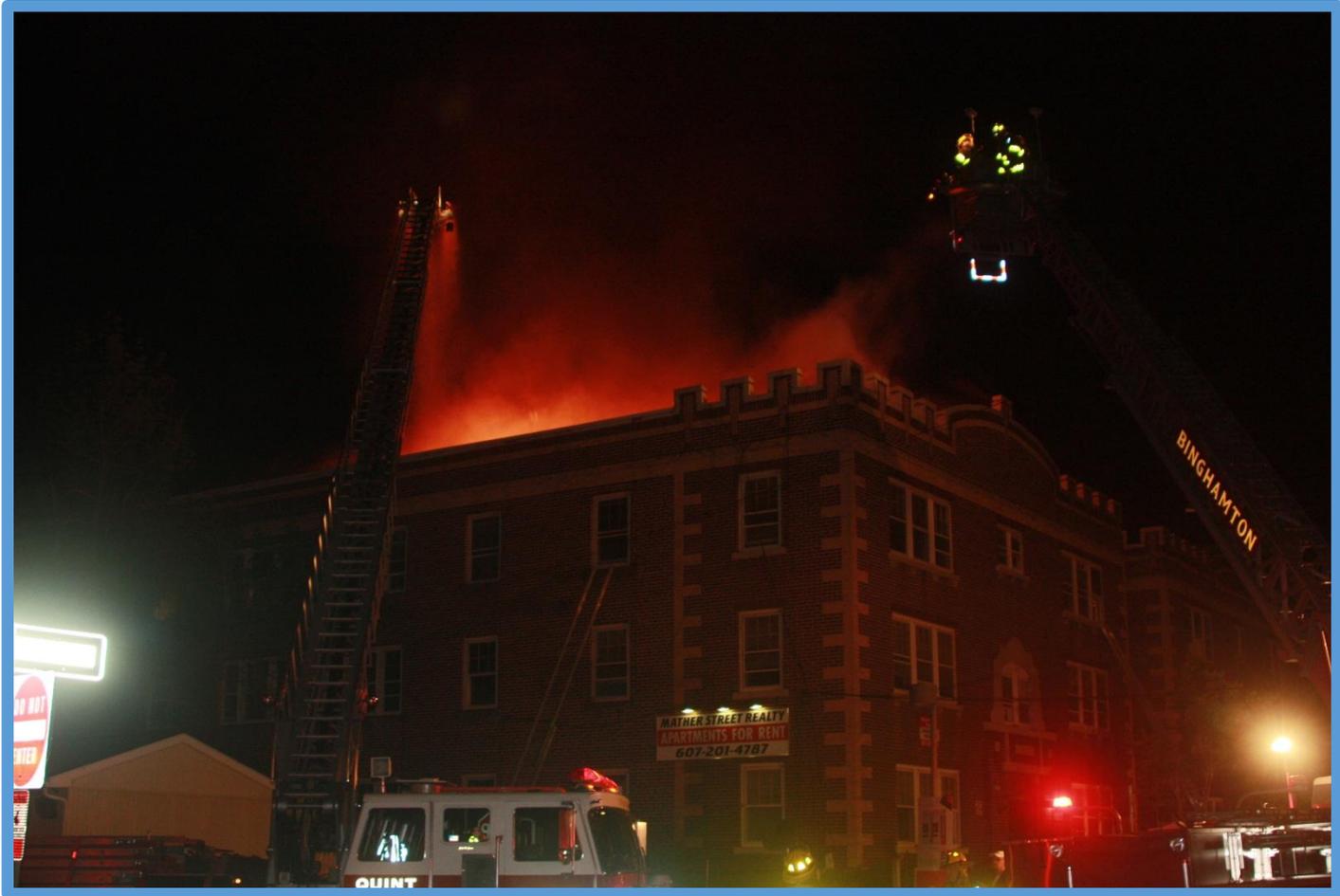


Chief Daniel L. Thomas

Mayor Richard David

FAMILY DOLLAR STORE -- EAST MIDDLE SCHOOL

MATHER STREET FIRES



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March 2016

Dear Honorable Mayor Richard C. David,

It is my privilege to provide the City of Binghamton Fire Department Annual Report for the year ending December 31<sup>st</sup>, 2015 for your consideration.

The Binghamton Fire Department responded to a broad range of emergency situations. From multiple fires, to the numerous medical emergencies in our community, we responded to over 9670 emergency calls in 2015. To note a few of these: On January 3<sup>rd</sup>, a fire at the Family Dollar store at 1183 Vestal Ave. resulted in severe damage to not only this very large store, but also to 6 other businesses located in this strip mall; On May 9<sup>th</sup>, a fire at #1 Mather St. caused extensive damage to all floors and roof of this 3 story, 26 unit apartment building; and on July 23<sup>rd</sup>, the smoke produced from a fire on the roof of East Middle School at 167 E. Frederick St. could be seen for miles while the fire companies worked towards containing and extinguishing this stubborn fire. Being a member of Broome County's Mutual Aid agreement, we have given and received aid to/from other departments: two noteworthy responses by our department to Johnson City involved a request on July 16<sup>th</sup> for our Rescue Squad and Tower Co. to respond and assist JCFD at a parking garage collapse at Wilson Hospital; and to 145 Floral Ave. on Oct. 19<sup>th</sup> to a multiple alarm fire, with entrapment. --These are but a few examples of where our firefighters utilized their expertise, training and determination to handle and mitigate emergency incidents.

The Fire Department accomplished the vast majority of its 2015 goals for ensuring public safety. At our BFD Training Facility and mobile training unit, we hosted joint training sessions with mutual aid departments. We continued to run an aggressive public education campaign and were diligent in city wide inspections. Our Training Division conducted a Recruit Firefighter Training Academy in the fall resulting in the graduation of 7 firefighters on November 13<sup>th</sup>.

We continue with our weekly EMS training classes, at the EMT level as well as for our paramedics; and fire training classes for our department members. In 2015, an example of one of the many training sessions that was conducted was devoted to educating our officers and senior firefighters to be Incident Safety Officers. Having additional personnel at an emergency scene with this training will, hopefully, reduce the chances of occurrences of injuries. These actions align with our mission to continue to have our firefighters/medics in a constant state of readiness by keeping them well-trained and well-equipped so that they are ready to respond to emergency situations.

The department took delivery of a 2015 Sutphen SL-75 Aerial. This new truck was assigned as Quint #3 and stationed on the Northside on W. State St. After extensive training, which included operations and driver training, Q#3 was put in service on December 23<sup>rd</sup>. During the year, our Squad personnel made multiple purchases from a Technical Rescue Grant that was secured at the end of 2014. This grant, valued at over \$28,500, gave us the opportunity to enhance our rope and water rescue capabilities, including the purchase of two new inflatable boats. We were also awarded another 2014 Assistance to Firefighters Grant in the amount of over \$300,000 to purchase 42 new Self Contained Breathing Apparatus (SCBA) with spare cylinders, 127 masks, 72 voice amplifiers, and 1 Pak Tracker. These new SCBA's are the most up-to-date equipment available, meeting the most current standards; and the Pak Tracker allows a rescue team to track a downed firefighter by a signal emitted from the firefighter's PASS alarm. All of this geared towards providing the best available equipment to our firefighters.

Once again, through their generosity, the Fire Department was the leader in donations for the annual United Way campaign. The Binghamton Firefighters Benevolent Association continues to be very active in the community raising funds for numerous local charities.

I wish to extend my gratitude to the members of the BFD for their dedication and professionalism, which continues to be the trademark of the members of the Binghamton Fire Department. I would also like to thank the Mayor, City Council, the City management team, community service groups and local businesses for their support.

Sincerely,



Daniel L. Thomas  
Binghamton Fire Chief

## **MISSION STATEMENT**

We will provide the “City of Binghamton” and its citizens with FIREFIGHTER/EMTs and FIREFIGHTER/PARAMEDICS trained to the highest and most progressive level of skill, to protect and serve our community with the utmost professionalism.

## **A FIREMAN'S PRAYER**

*When I am called to duty, God  
Wherever flames may rage,  
Give me strength to save some life  
Whatever be its age.  
Help me embrace a little child  
Before it is too late  
Or save an older person from  
The horror of that fate.  
Enable me to be alert and  
hear the weakest shout  
And quickly and efficiently  
To put the fire out.  
I want to fill my calling and  
To give the best in me,  
To guard every neighbor and  
Protect his property.*

**AMEN**

## **BRIEF HISTORY OF THE BINGHAMTON FIRE DEPARTMENT**

As with most of America's Fire Departments, Binghamton's began in 1834 as a volunteer organization. On May 3<sup>rd</sup> of that year, the trustees of the village voted to establish and organize fire and hook and ladder companies. By June 30<sup>th</sup>, sixteen citizens had accepted appointments. After a somewhat dubious beginning, the village purchased the first real piece of firefighting equipment in June of 1835. Eight hundred dollars was raised to purchase a small "button" hand powered fire engine. An additional \$250.00 was spent to buy land and erect an engine house on the present site of the Broome county Court House Square.

The Village of Binghamton continued to grow and consequently the fire load, necessitating the formation of additional volunteer companies. The loosely organized companies then began electing a Chief annually, with the first recorded Chief being Peter Miller elected in 1842. Two years after Binghamton obtained status as a City in 1867, The City of Binghamton Fire Department was formed under the leadership of Chief Erastus R. Campbell. On October 1, 1911 the Department became fully paid with a contingent of 91 officers and firefighters and with Charles N. Hogg as the Chief. The department continued to grow in size and modernized with motor driven apparatus. The horse drawn equipment was phased out by 1922. With the building of the station at 259 Conklin Avenue in 1929, the department reached its maximum size of 186 men operating nine engine companies, three truck companies and one heavy rescue company out of nine stations.

The department remained relatively unchanged until the late 1950s when the population began shifting to the rural areas of the county. Although the department began to downsize in relation to Binghamton's shrinking population, the scope of its operation expanded. In September of 1981 the ambulance was transferred from the Police Department to the Fire Department. In addition to providing ambulance service, a "First Responder" program was initiated. By having cross-trained firefighter/E.M.Ts responding from each station and in addition to the ambulance, medical assistance began reaching patients in approximately three minutes of the 911 call. To meet the growing needs of the City, the Hazardous Material Response Team began operations in May of 1988. In 1996, the EMS Program was upgraded to provide ALS level of service. Initially, twelve firefighters were trained as paramedics.

After almost thirty years of trying to develop a suitable training site, the Bureau was finally able to secure the necessary funding and property to realize this dream. The dedication was held on June 15, 2001 at 1 Belden St. The facility was named in honor of Training Instructor James Sullivan, who was killed in the line of duty on November 10, 1962.

Today's department has evolved into a modern multifaceted emergency response force providing firefighting, emergency medical services, hazardous materials and rescue coverage. If the emergency isn't directly to law enforcement, it is the Fire Department's job to provide assistance.

The "Mission Statement" developed by the firefighters demonstrates their enthusiasm and commitment in providing that most basic and important of all municipal responsibilities -- Public Safety. Since 1898 twenty-three members have given their lives in the line of duty fulfilling this "Mission".



Protection Hose operated at the station at Chenango and State str Binghamton, from 1869 to 1910. Pictured is old Engine No. 3 and its crew.



Side Fire Station, Binghamton, circa 1912.

SOUTHERN TIER MEMORIES



The Rockbottom Fire Company, circa 1900.



Central Fire Station, 76 Carroll Street, Binghamton, 1922.

# DEPARTMENT ORGANIZATION

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**2015**

*CHIEF DANIEL L. THOMAS*

*CHIEF, BINGHAMTON FIRE BUREAU*

*FIRE MARSHAL DANIEL EGGLESTON*

*FIRE PREVENTION*

*DEPUTY CHIEF LAWRENCE OSTANEK*

*“A” SHIFT COMMANDER*

*ASSISTANT CHIEF MARK WHALEN*

*“B” SHIFT COMMANDER*

*ASSISTANT CHIEF SAMUEL SAMTONI*

*“C” SHIFT COMMANDER*

*ASSISTANT CHIEF STEPHEN FAUGHNAN*

*“D” SHIFT COMMANDER*

*ASSISTANT CHIEF RICHARD ALLEN*

*TRAINING INSTRUCTOR*

*CAPT. JOHN COLLING*

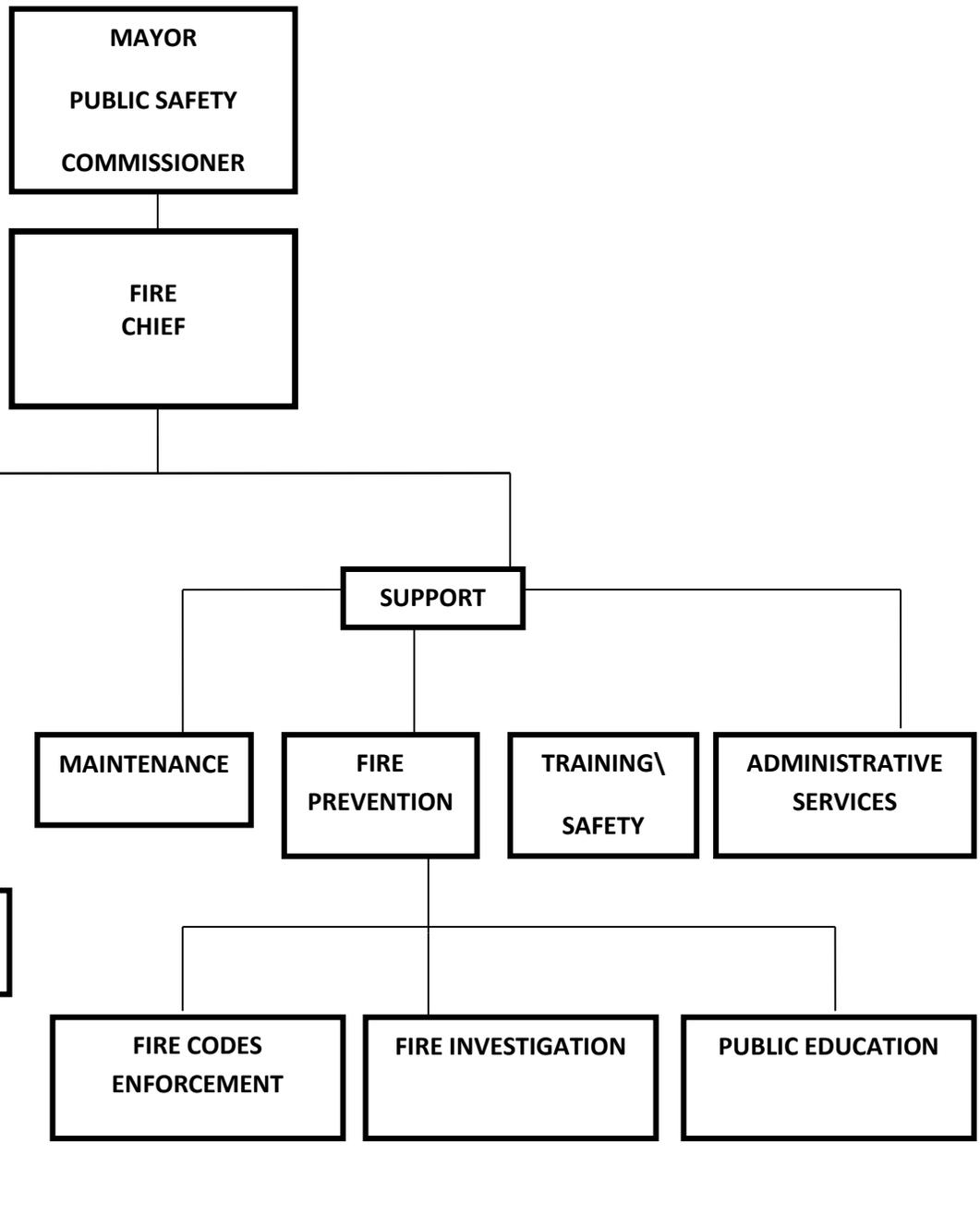
*E. M. S. COORDINATOR  
E. M. S. OPERATIONS*

*DOUGLAS MEGILL*

*GENERAL EQUIPMENT FOREMAN  
REPAIR OF APPARATUS AND  
EQUIPMENT*

**BINGHAMTON FIRE DEPARTMENT**

**ORGANIZATIONAL CHART**



**CITY OF BINGHAMTON  
BUREAU OF FIRE  
PERSONNEL FOR EACH POSITION CLASSIFICATION 2015**

<b>TITLE</b>	<b>ACTUAL (FILLED)</b>	<b>AUTHORIZED (BUDGETED)</b>
<b>UNIFORM:</b>		
Fire Chief	1	1
Fire Deputy Chief	1	1
Fire Marshal	1	1
Fire Assistant Chief	3	3
Fire Training Instructor	1	1
Fire Captain	8	8
Fire Lieutenant	20	20
Firefighter	84	84
<b>Total Uniform:</b>	<b>119</b>	<b>119</b>
<b>Civilian</b>		
General Equipment Foreman	1	1
Program Assistant	1	1
<b>Total Civilian:</b>	<b>2</b>	<b>2</b>
<b>Total:</b>	<b>121</b>	<b>121</b>

**SUMMARY**

	<b>UNIFORM</b>	<b>CIVILIAN</b>
Active	116	2
Permanently Disabled	2	0
Temporarily Disabled	1	0
Unfilled Positions 2014	0	
<b>SAFER GRANT</b>	<b>8</b>	

**Month( # of Retirements & Resignations)**

Jan (2), Feb (1), April (1), June (2)

## **2015 HIGHLIGHTS**

### **RETIREMENTS**

Capt. Christopher Ballard

Lt. Peter Holleran

John Fraser

Dennis Sullivan

Robert Burns

Michael Bolles

### **PROMOTIONS**

Capt. Eric Reed

Lt. Daniel Babcock

Lt. Gary Lewis

### **NEW APPOINTMENTS**

DeVaughn T. Bryant

Bryan A. Cohn

Tyler J. Gleason

Jordan P. Hilfiger

Christopher L. Neville

Daniel Shoemaker

Bethany White

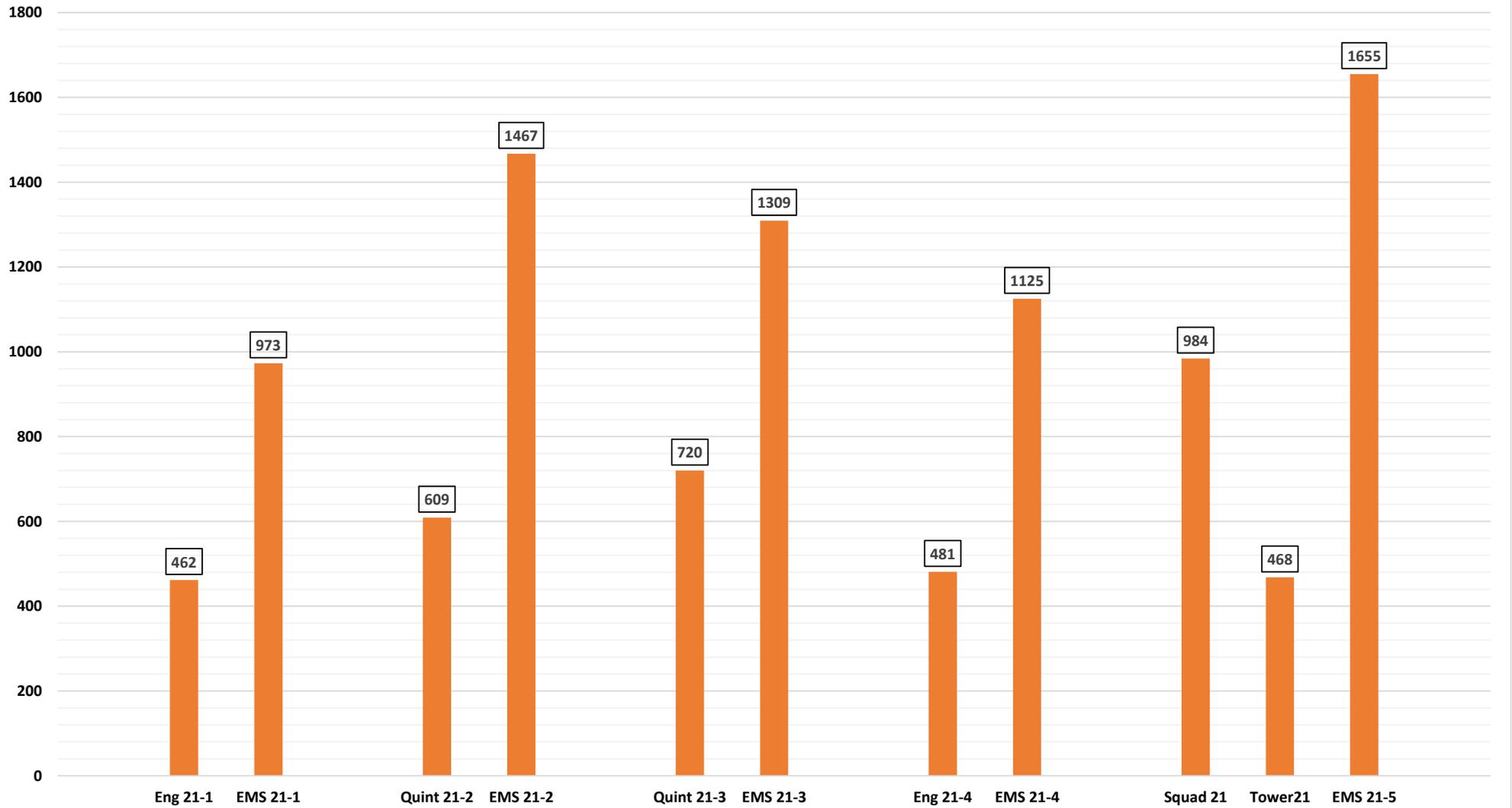
# SECTION ONE

# OPERATIONS DIVISION



**FIRE HEADQUARTERS  
38 HAWLEY STREET**

# Total Runs by Apparatus 2015



# Alarms by Time of Day

Binghamton Fire Department

Date Range: From 1/1/2015 to 12/31/2015

Time of Day	Call Count
00:00 - 00:59	342
01:00 - 01:59	302
02:00 - 02:59	276
03:00 - 03:59	231
04:00 - 04:59	205
05:00 - 05:59	179
06:00 - 06:59	255
07:00 - 07:59	283
08:00 - 08:59	355
09:00 - 09:59	427
10:00 - 10:59	514
11:00 - 11:59	528
12:00 - 12:59	531
13:00 - 13:59	509
14:00 - 14:59	537
15:00 - 15:59	523
16:00 - 16:59	495
17:00 - 17:59	498
18:00 - 18:59	507
19:00 - 19:59	486
20:00 - 20:59	461
21:00 - 21:59	460
22:00 - 22:59	409
23:00 - 23:59	358
<b>Total Alarms</b>	<b>9,671</b>

# Alarms by Day of Week

Binghamton Fire Department

Date Range: From 1/1/2015 to 12/31/2015

Day of Week		Totals
Sunday		1,327
Monday		1,435
Tuesday		1,411
Wednesday		1,357
Thursday		1,366
Friday		1,459
Saturday		1,316

No Date 0  
 Total Alarms 9,671

# Alarms by Month of Year

Binghamton Fire Department

Time Period From 1/1/2015 to 12/31/2015

Month		Totals
January		747
Febuary		715
March		800
April		759
May		864
June		850
July		827
August		825
September		860
October		891
November		807
December		726
	No Date	0
	Total Calls	9,671

# Manpower Analysis by Incident

Binghamton Fire Department

Date Range: From 01/01/2015 to 12/31/2015

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
100-Fire, other	8	93	11.63	8.26	1.03	12.74	101.93
111-Building fire	54	1,088	20.15	113.46	2.10	48.99	2,645.61
113-Cooking fire, confined to container	24	270	11.25	7.15	0.30	3.77	90.54
114-Chimney or flue fire, confined to chimney or flue	2	18	9.00	1.87	0.94	10.49	20.98
118-Trash or rubbish fire, contained	4	43	10.75	3.60	0.90	10.44	41.75
130-Mobile property (vehicle) fire, other	1	5	5.00	0.40	0.40	2.00	2.00
131-Passenger vehicle fire	13	61	4.69	10.89	0.84	4.49	58.39
132-Road freight or transport vehicle fire	1	7	7.00	1.15	1.15	8.05	8.05
133-Rail vehicle fire	1	5	5.00	0.45	0.45	2.25	2.25
137-Camper or recreational vehicle (RV) fire	1	3	3.00	0.41	0.41	1.23	1.23
140-Natural vegetation fire, other	9	49	5.44	2.57	0.29	1.28	11.49
142-Brush or brush-and-grass mixture fire	7	32	4.57	2.02	0.29	1.48	10.38
150-Outside rubbish fire, other	17	67	3.94	4.21	0.25	0.97	16.47
151-Outside rubbish, trash or waste fire	11	72	6.55	3.10	0.28	1.96	21.53
154-Dumpster or other outside trash receptacle fire	6	46	7.67	4.36	0.73	6.01	36.04
155-Outside stationary compactor/compacted trash fire	1	28	28.00	3.72	3.72	104.16	104.16
160-Special outside fire, other	1	6	6.00	0.23	0.23	1.38	1.38
162-Outside equipment fire	1	3	3.00	0.95	0.95	2.85	2.85
221-Overpressure rupture of air or gas pipe/pipeline	1	13	13.00	0.17	0.17	2.21	2.21
243-Fireworks explosion (no fire)	22	68	3.09	22.76	1.03	3.23	71.00
251-Excessive heat, scorch burns with no ignition	94	869	9.24	31.37	0.33	3.37	316.81
300-Rescue, EMS incident, other	24	81	3.38	8.48	0.35	1.20	28.72
311-Medical assist, assist EMS crew	27	77	2.85	14.59	0.54	1.45	39.22
320-Emergency medical service incident, other	59	187	3.17	26.31	0.45	1.27	74.89
321-EMS call, excluding vehicle accident with injury	7,338	24,456	3.33	793,403.41	108.12	539.55	3,959,206.87
322-Motor vehicle accident with injuries	142	661	4.65	85.04	0.60	2.93	416.20
323-Motor vehicle/pedestrian accident (MV Ped)	31	147	4.74	11.08	0.36	2.04	63.19
324-Motor vehicle accident with no injuries.	51	221	4.33	26.89	0.53	2.22	112.99
331-Lock-in (if lock out , use 511 )	1	2	2.00	1.10	1.10	2.20	2.20
342-Search for person in water	2	28	14.00	1.27	0.64	8.89	17.78
350-Extrication, rescue, other	1	6	6.00	0.30	0.30	1.80	1.80
352-Extrication of victim(s) from vehicle	3	17	5.67	3.57	1.19	7.55	22.65
353-Removal of victim(s) from stalled elevator	32	381	11.91	13.53	0.42	5.15	164.83
355-Confined space rescue	1	3	3.00	1.59	1.59	4.77	4.77
360-Water & ice-related rescue, other	4	29	7.25	1.43	0.36	3.16	12.62
363-Swift water rescue	1	4	4.00	-0.01	-0.01	-0.04	-0.04
381-Rescue or EMS standby	2	7	3.50	7.22	3.61	13.52	27.03
400-Hazardous condition, other	24	98	4.08	8.82	0.37	1.42	34.01

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
410-Combustible/flammable gas/liquid condition, other	17	78	4.59	15.66	0.92	7.45	126.70
411-Gasoline or other flammable liquid spill	9	28	3.11	4.04	0.45	1.38	12.46
412-Gas leak (natural gas or LPG)	110	388	3.53	55.07	0.50	1.84	202.72
4121-Natural Gas Leak (No leak found)	89	337	3.79	28.33	0.32	1.30	115.87
413-Oil or other combustible liquid spill	3	9	3.00	1.49	0.50	1.49	4.47
420-Toxic condition, other	2	9	4.50	0.59	0.30	1.27	2.54
421-Chemical hazard (no spill or leak)	3	12	4.00	3.38	1.13	4.66	13.99
422-Chemical spill or leak	2	8	4.00	0.65	0.33	1.36	2.71
424-Carbon monoxide incident	25	102	4.08	14.21	0.57	2.58	64.40
440-Electrical wiring/equipment problem, other	35	215	6.14	14.45	0.41	2.33	81.59
441-Heat from short circuit (wiring), defective/worn	4	47	11.75	2.38	0.60	7.55	30.21
442-Overheated motor	6	76	12.67	2.99	0.50	8.30	49.80
443-Breakdown of light ballast	4	16	4.00	1.28	0.32	1.33	5.32
444-Power line down	20	64	3.20	11.53	0.58	1.72	34.33
4441-Phone/cable line down	58	208	3.59	16.82	0.29	1.01	58.85
445-Arcing, shorted electrical equipment	12	131	10.92	4.05	0.34	3.59	43.05
460-Accident, potential accident, other	1	3	3.00	0.34	0.34	1.02	1.02
461-Building or structure weakened or collapsed	3	19	6.33	6.10	2.03	19.23	57.68
463-Vehicle accident, general cleanup	4	13	3.25	1.50	0.38	1.21	4.83
500-Service Call, other	16	67	4.19	4.85	0.30	1.42	22.67
510-Person in distress, other	2	15	7.50	0.82	0.41	2.49	4.98
511-Lock-out	3	10	3.33	0.47	0.16	0.54	1.63
520-Water problem, other	28	89	3.18	11.14	0.40	1.13	31.57
521-Water evacuation	3	22	7.33	5.35	1.78	11.22	33.67
522-Water or steam leak	80	334	4.18	51.89	0.65	2.94	234.92
531-Smoke or odor removal	71	492	6.93	19.12	0.27	2.04	144.87
541-Animal problem	2	6	3.00	0.92	0.46	1.38	2.76
550-Public service assistance, other	4	8	2.00	1.96	0.49	1.31	5.24
551-Assist police or other governmental agency	11	42	3.82	9.85	0.90	3.81	41.90
552-Police matter	5	27	5.40	6.10	1.22	14.43	72.15
553-Public service	5	19	3.80	1.10	0.22	0.86	4.30
554-Assist invalid	3	8	2.67	0.74	0.25	0.66	1.98
555-Defective elevator, no occupants	1	12	12.00	0.19	0.19	2.28	2.28
561-Unauthorized burning	21	66	3.14	4.41	0.21	0.67	14.08
571-Cover assignment, standby, moveup	36	37	1.03	36.01	1.00	3.08	110.74
600-Good intent call, other	48	183	3.81	14.88	0.31	1.20	57.48
611-Dispatched & canceled en route	100	213	2.13	9.08	0.09	0.22	22.41
621-Wrong location	13	16	1.23	2.29	0.18	0.24	3.17
622-No incident found on arrival at dispatch address	17	69	4.06	4.57	0.27	1.15	19.61
631-Authorized controlled burning	4	58	14.50	1.56	0.39	7.00	28.00
632-Prescribed fire	1	20	20.00	0.23	0.23	4.60	4.60

Incident Type	Incident Count	Number Attended	Average Attended	Total Length (hrs)	Average Length (hrs)	Average Man Hours	Total Man Hours
650-Steam, other gas mistaken for smoke, other	9	113	12.56	2.55	0.28	3.45	31.03
651-Smoke scare, odor of smoke	21	185	8.81	7.32	0.35	2.99	62.78
652-Steam, vapor, fog or dust thought to be smoke	12	90	7.50	3.44	0.29	1.68	20.19
653-Smoke from barbecue, tar kettle	3	13	4.33	0.66	0.22	1.05	3.14
661-EMS call, party transported by non-fire agency	2	7	3.50	0.32	0.16	0.59	1.18
671-HazMat release investigation w/no HazMat	9	50	5.56	4.79	0.53	2.71	24.42
700-False alarm or false call, other	77	476	6.18	16.10	0.21	1.28	98.18
710-Malicious, mischievous false call, other	21	157	7.48	5.12	0.24	1.78	37.29
711-Municipal alarm system, malicious false alarm	3	24	8.00	0.70	0.23	2.08	6.24
713-Telephone, malicious false alarm	1	4	4.00	0.12	0.12	0.48	0.48
714-Central station, malicious false alarm	11	80	7.27	3.88	0.35	2.39	26.32
715-Local alarm system, malicious false alarm	2	17	8.50	0.52	0.26	1.65	3.30
730-System malfunction, other	36	215	5.97	13.47	0.37	2.21	79.56
731-Sprinkler activation due to malfunction	7	47	6.71	4.35	0.62	3.82	26.75
733-Smoke detector activation due to malfunction	52	260	5.00	14.61	0.28	1.40	72.77
734-Heat detector activation due to malfunction	2	24	12.00	0.35	0.18	2.10	4.20
735-Alarm system sounded due to malfunction	26	130	5.00	8.65	0.33	1.64	42.69
736-CO detector activation due to malfunction	20	68	3.40	6.63	0.33	1.16	23.26
740-Unintentional transmission of alarm, other	29	154	5.31	4.52	0.16	0.85	24.67
741-Sprinkler activation, no fire - unintentional	11	80	7.27	3.24	0.29	2.09	23.03
742-Extinguishing system activation	1	3	3.00	0.14	0.14	0.42	0.42
743-Smoke detector activation, no fire - unintentional	206	1,355	6.58	49.50	0.24	1.68	345.32
744-Detector activation, no fire - unintentional	90	661	7.34	22.98	0.26	1.88	169.49
745-Alarm system activation, no fire - unintentional	88	480	5.45	95.13	1.08	9.90	871.43
746-Carbon monoxide detector activation, no CO	23	84	3.65	7.06	0.31	1.16	26.69
813-Wind storm, tornado/hurricane assessment	1	3	3.00	0.46	0.46	1.38	1.38
900-Special type of incident, other	3	4	1.33	0.23	0.08	0.25	0.76
911-Citizen complaint	2	9	4.50	1.00	0.50	2.07	4.14
Blank. Incident Type not Entered	0	0	0.00	0.00	0.00		0.00
Total and Averages for all Incident Types	9,671	37,620	3.89	794,487.95	82.15		3967605.44

Binghamton Fire Department  
Mutual Aid Incidents

From 01/01/2015 to 12/31/2015

Date	Incident#	###	Address	Type	Mutual Aid Type
01/03/2015	2015-000051	1183	VESTAL AV	Building fire	Mutual aid received
04/03/2015	2015-002324	23	FREDERICK ST, JC	Building fire	Mutual aid given
05/07/2015	2015-003213	31	SUSQ. RIVER, ENDWELL	Swift water rescue	Mutual aid given
05/09/2015	2015-003254	1	MATHER ST	Building fire	Mutual aid received
05/14/2015	2015-003416	179	HUDSON ST, JC	Building fire	Mutual aid given
06/14/2015	2015-004286	2423	KAREN CT, TOWN OF BING	EMS call, excluding vehicle accident with injury	Mutual aid given
06/24/2015	2015-004569	127	ADAMS DR, DICKINSON	Building fire	Mutual aid given
07/16/2015	2015-005131	55	BALDWIN ST, JC	Building or structure weakened or collapsed	Mutual aid given
10/03/2015	2015-007342	7	GRANDVIEW AV, CONKLIN	Building fire	Mutual aid given
10/15/2015	2015-007661	73	BALDWIN ST, JC	Building fire	Mutual aid given
10/19/2015	2015-007741	145	FLORAL AV, JC	Building fire	Mutual aid given
Mutual aid received		2			
Mutual aid given		11			
Total		13			

# SECTION TWO

# FIRE PREVENTION

# DIVISION



**FIRE  
ADMINISTRATION  
38 HAWLEY ST.**

# City of Binghamton Fire Bureau

## Fire Marshal's Office

### 2015 Report

#### 1. FIRE PREVENTION OFFICE

Our mission is to educate the community about the benefits of proper fire safety practices and identify and eliminate all types of hazardous conditions which pose a threat to life, the environment and property. The Fire Prevention staff is comprised of the Fire Marshal, Assistant Fire Marshal, and two Fire Prevention Inspectors/Investigators. The main focus of our office is to protect the residents of the City of Binghamton by enforcing the New York State Fire Code. In 2015 the Fire Prevention staff conducted hundreds of inspections of various buildings in the City including but not limited to public & private schools, hospitals, churches, senior housing, senior centers, day care centers, hotels & places of public assemblies. Fire investigations are also a responsibility of the staff of Fire Prevention. Educating students, the elderly and all residents on the importance of fire safety is done by the Fire Prevention staff. All Fire Prevention officers attended numerous training classes and seminars throughout 2015 and by doing so retained their required New York State certifications.

#### 2. FIRE CODE COMPLIANCE

In 2015, we continued our expanded effort to achieve an increased degree of compliance with all City of Binghamton and N.Y. State mandated requirements, particularly **“life safety”** items (i.e., smoke detector, sprinkler & exiting requirements). The Fire prevention staff is the enforcement arm of the Fire Code and follows up on all inspections to be sure code compliance is met. In conjunction with the inspections conducted by the staff, the on line firefighters (Engine & Truck companies) also inspect commercial building in their response territory and thereby reduce and/or eliminate existing fire & life safety hazards. These inspections increase the “fire suppression” company’s knowledge of the layout and construction of commercial buildings in their districts. This information is crucial in assisting them in fire suppression tactics should a fire occur in that building. This updated information is also entered into our fire department software and available on the laptop computers in each fire truck & fire engine. Four hundred thirty nine such inspections were conducted in 2015, resulting in the elimination of many “serious” hazardous conditions which would, more than likely, have eventually caused structure fires. The objective for this office is to utilize our unique accessibility privilege to assure that New York State Fire Code compliance has been met and exceeded.

### **3. FIRE INVESTIGATIONS**

Among the varied and crucial functions of the Fire Prevention office, “Fire/Arson Investigations” are one of the top priorities. Every fire in the City of Binghamton, which is not of obvious cause, is referred to an officer from the Fire Marshal’s office (Fire Prevention). A complete and thorough investigation is then done to determine cause and origin. In 2015 seventy two such investigations were completed. Our department, along with fire departments across the country, is seeing a dramatic rise in methamphetamine related fires. Our office works in conjunction with the Binghamton Police Department & District Attorney’s office to expose arsonists and put them in jail. All members of the Fire Prevention office are Level 2 fire investigators (highest level available in New York State) and were recertified in 2015. While fire investigations are time consuming, low profile and sometimes dirty work, I am proud of the professionalism and dedication of the investigators in the Fire Prevention office.

### **4. PUBLIC EDUCATION**

The Binghamton Fire Department (through the Fire Prevention office) provides numerous “Public Education” lectures throughout the year as a means of communicating beneficial fire safety information. These lectures/demonstrations were presented to city school children & staff, seniors, day care centers, hospital personnel & church groups. The Fire Prevention staff also provides fire extinguisher training to many business owners, assisting them in meeting their NY State requirements.

### **5. ELIMINATION OF UNNECESSARY RESPONSE**

The continued efforts of Fire Prevention personnel to work with the owners and managers of establishments with defective or poorly designed alarm systems to upgrade and/or repair such systems has lowered unnecessary responses. Any decrease in unnecessary Fire Department response saves wear and tear on equipment and also increases the availability of personnel and apparatus for legitimate requests for assistance.

### **6. SPECIAL NOTE**

The desired result of all Fire Prevention Programs is to protect and preserve life and property. Most, if not all fires are preventable. The Fire Department, as a whole, does not rest on the success of these mentioned accomplishments, but instead concentrates on any/all issues that affect the degree of life safety and security of the citizens of our community.

Daniel Eggleston  
Fire Marshal

**FIRE PREVENTION**



# SECTION THREE

# SPECIAL OPERATIONS

# DIVISION



**QUINT #3**  
**39 W. STATE STREET**

# **City of Binghamton Fire Bureau Special Operations Response 2015 Report**

Squad 21 and Haz-Mat 21 continue to provide the City of Binghamton with the highest professional quality of emergency response in these fields. In order to stay current with modern trends and maintain critical skill levels, training was conducted on a daily basis. Members trained to safely mitigate emergencies in confined space rescue, explosive environments, hazardous materials, high and low-angle rescue, elevator rescue, collapse rescue, vehicle extrication and water and ice rescue.

During the course of 2015, Quint 21-3 and Squad 21, which make up the Special Operations Unit, continued joint training with the four county members of the Southern Tier Regional Haz-Mat Consortium. Monthly training sessions were held at various sites including the Sullivan Training Center in Binghamton and where hazardous materials are stored or in use in the daily work environment. Subjects of training included topics such as decontamination, plugging, patching and leak control, fully encapsulating suits, foam/petroleum operations, using computers to aid in modeling, response and mitigation, response to terrorism events, as well as pre-planning tours of selected sites in the City where hazardous materials are present.

Squad 21 began purchasing new rescue equipment through a NYS Tech-Rescue grant. This began with rope rescue equipment that updates and significantly improves our rope rescue capabilities and streamlines operations. This equipment is essential because Binghamton Fire is the only fully functioning confined space rescue team in Broome County and will improve our operations in other rope rescue emergencies. Through extensive research and testing, we were able to purchase two new river rescue boats. The new Bombard C-4 boats replace our older C-3 boats. The addition of these boats adds to our river rescue capabilities. The older boats will remain available in the event of another flood such as we experienced in 2011. This was a part of the after-action report recommendations for improvements in water rescue. We continue to work with DEC and City Hall to create a new boat launch site on the West Side of Binghamton.

Haz-Mat 21 also increased capabilities through NYS grant monies. New equipment purchases included Pelican portable LED lighting and 4-1 hour air bottles as well as atmospheric monitoring equipment. The 6 new meters have a greater capability than the previous, obsolete ones and will continue to provide the maximum level of protection for our team and the general public. Additionally, Chief Thomas purchased 2 new MSA gas meters to replace older

meters carried on the fire apparatus that were reaching end-of-life service. Each piece of apparatus in the City now has the capability of detecting carbon monoxide, explosive atmospheres, oxygen deficiencies and the presence of hydrogen sulfide. We also have 7 natural gas “sniffers” similar to what NYSEG uses. This is particularly important as the number of natural gas calls increases yearly and provides for a much faster response to mitigate these emergencies. We also purchased 100 gallons of foam and were able to continue live-fire flammable liquid training.

We continue to maintain and add to the professional level of the Department by training our members. We have added 4 new Advanced Haz-Mat Technicians to our ranks and were able to re-certify 48 Haz-Mat technicians through NYS Office of Fire Prevention and Control. This training was conducted both locally and at the NYS Fire Academy.

Assistant Chief Stephen Faughnan  
Special Operations

2015  
HAZMAT/SPECIAL OPERATIONS



# SECTION FOUR

# TRAINING DIVISION



JAMES M. SULLIVAN FIRE TRAINING FACILITY

1 BELDEN ST

# City of Binghamton Fire Bureau

## Training Office

### 2015 Report

“Complacency Kills” This simple statement has resounded throughout the fire service. The City of Binghamton Fire Bureau Training Division understands the significance of this. Without continuing quality training, a firefighter can easily become complacent. In our line of work this can easily translate to accidental injury or death. This explains why we must continually train and not rest on our laurels. Especially now when our resources are taxed providing so many services to the City of Binghamton. We must be masters of all skills required to mitigate the many types of incidents we respond to. Just being able to get the job done is simply not enough; we must do it safely to ensure that everyone goes home. This can only be accomplished through the acquisition of knowledge and training.

Knowing that firefighting is inherently dangerous is obvious. Sometimes what may not be obvious is how firefighters get injured and killed. In an attempt to reduce the chances of injury and death in the Binghamton Fire Department a decision was made to educate our officers and senior firefighters to be Incident Safety Officers (ISO). Previously less than a handful of members were trained as ISOs. ISOs are required by NFPA 1500 at all working structure fires. The class took over three weeks to complete. Forty-three members completed the training and successfully passed the exam. These personnel can now be called upon by the Incident Commander to take on the role of ISO at working structure fires and other critical incidents.

Since 2009 any employer who employs a firefighter determined to be at risk of entrapment at elevations shall provide emergency escape systems for use by such firefighter’. The Binghamton Fire Department completed a risk assessment and evaluation of available escape systems in 2008. In 2009 the BFD selected the Petzl EXO Emergency Escape System and purchased the same through a 2008 Assistance to Firefighters Grant (AFG). The initial rigorous training was completed in November Of 2009. Being that this system is utilized in the event that firefighters become trapped by fire on the upper floors of a structure to bail out a window to save their lives, the training is imperative. Therefore the training is required annually by all interior firefighters. Firefighters must perform multiple ‘bailouts’ to show proficiency. This training was completed again in 2015 as it has been every year since 2009.

Approximately half of all personnel attended a Hazardous Materials Refresher Training in July. This is part of our semi-annual training of all personnel trained to the Hazardous Materials Technician and Hazardous Materials Advanced Technician levels. This class is very important in continuing to provide a Hazardous Materials Team to respond in the city and the region.

The 2015 Recruit Firefighter Training Academy was increased to fifteen weeks to accommodate the increased training requirements of the new National Firefighter I curriculum. Again the recruits were given training that exceeded state/national minimum requirements. The recruits graduated on November 13<sup>th</sup>, 2015. These New York State Courses made up the majority of the recruits training: Firefighter I, Firefighter II, Truck Company Operations, Firefighter Survival, FAST, Apparatus Operator - Emergency Vehicle, Apparatus Operator - Pump, Apparatus

Operator - Aerial, Accident Victim Extrication Training, Basic Wildland Fire Suppression, Fire Behavior & Arson Awareness, Confined Space Awareness & Safety, Weapons of Mass Destruction Awareness / Operational, Water Rescue Awareness and Hazardous Materials Technician. As stipulated by New York State Office of Fire Prevention and Control (OFPC), other components of Recruit Firefighter Training were fulfilled: 24 hours of Fire Prevention training, a daily physical fitness regimen, Incident Command System classes (I-700, I-100, I-200), and daily reinforcement of skills such as donning Personal Protective Equipment (Turn-out Gear) & Self Contained Breathing Apparatus (S.C.B.A.).

City of Binghamton Bureau of Fire Recruit Firefighter Training Academy Class of 2015

Daniel Shoemaker	Bethany White	Christopher L. Neville
Tyler J. Gleason	Jordan P. Hilfiger	DeVaughn T. Bryant
	Bryan A. Cohn	

As the year was coming to a close we took delivery of our newest piece of fire apparatus, a 2015 Sutphen SL-75 Aerial. This new state of the art pumper/aerial will serve the City of Binghamton Fire Bureau as the new Quint 3 stationed at West State Street to protect the Northside. It replaces a 1994 Sutphen SA-75 that has served the city well but is now tired and needs to be placed out of service. The new unit has a 75' mid-mount aerial with a 1000 GPM remote control monitor nozzle, a 1500 GPM pump, 500 gallon booster tank, pre-connected hoseline discharges located at the front bumper, mid-ship, and rear hosebed. A lot of time and effort went into the design/configuration of this rig. Weeks of training followed the delivery to assure that crews were prepared to operate this investment in our firefighting fleet. Once training was completed this new unit was officially designated as Quint 3 and placed in service December 23, 2015.

Also in December, personnel attended Railroad Safety Training at the Norfolk Southern Rail yard. General safety about operation on and around railroad tracks and equipment was discussed. In addition personnel were able to get up close and personal with a locomotive to see where emergency fuel shut-offs were located as well as electrical and fuel hazards.

The new Quint was not the only Christmas present received by the BFD. Forty-two new Scott X3 Self Contained Breathing Apparatus (SCBA) were also received. The 42 new SCBA were purchased with a 2014 Assistance to Firefighters Grant. In addition to the SCBA the grant funds purchased 84 cylinders, 127 masks, 72 voice amplifiers, and one Pak Tracker. The Pak Tracker allows a Rapid Intervention Team to track a downed firefighter by a signal emitted from the firefighter's Personal Alert Safety System (PASS) Alarm. This is a piece of equipment will increase the chances of finding a lost, missing, disoriented or trapped firefighter before it is too late. Training began on these new SCBAs and Pak Tracker in December and will continue into the New Year.

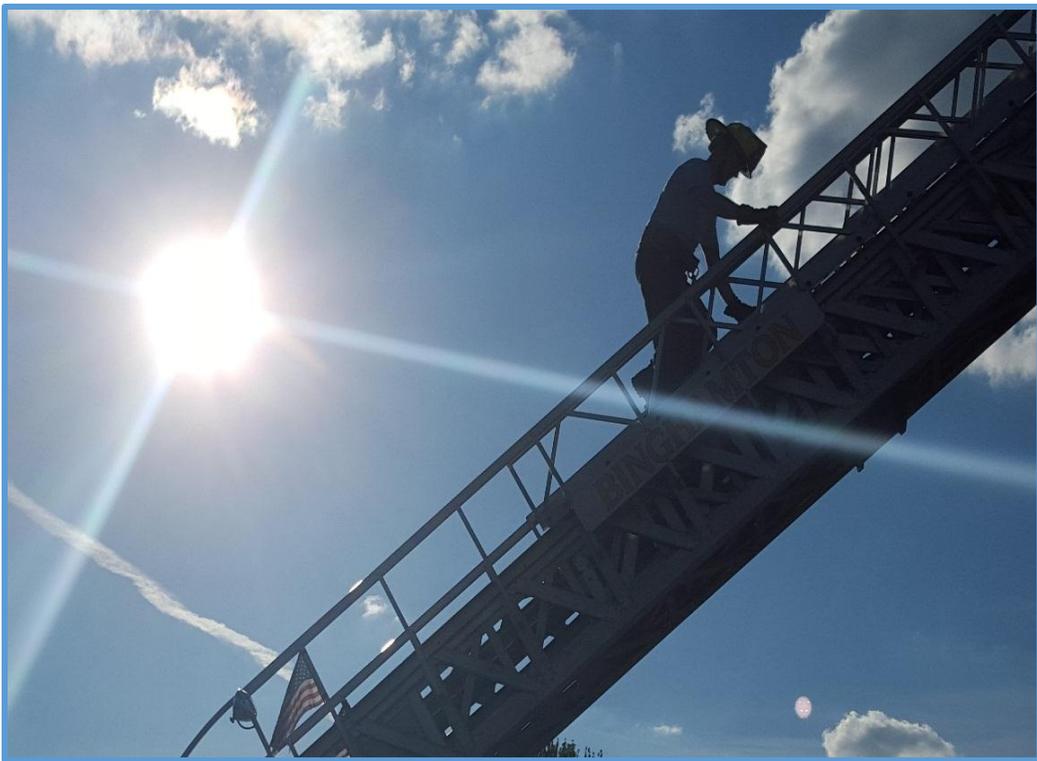
Assistant Chief Richard J. Allen Jr.  
Training Instructor



**2015**  
**TRAINING OF NEW RECRUITS**







# SECTION FIVE EMERGENCY MEDICAL SERVICES DIVISION



**QUINT 2  
180 MAIN STREET**

# **City of Binghamton Fire Bureau**

## **Emergency Medical Service**

### **2015 Report**

In 2015 the Binghamton fire department upheld our long standing tradition of being there for the residents and guests of our City when they are in need. This year saw us respond to 7,934 calls for medical assistance. These calls range from mild to wild and can involve anything from cardiac care to fractures and serious trauma. It is because of the dedication of our members that we can provide quality care in a timely and professional manner.

#### ***Ambulance transports***

Since our first ambulance call on September 1<sup>st</sup>, 1981 the Binghamton Fire Department has transported tens of thousands of patients to local emergency rooms. We started out as a basic life support agency then transitioned to advanced life support in 1995. If you haven't seen the patient compartment of a modern ambulance lately you would be truly impressed. We refer to our ambulances as mobile emergency rooms because we carry many of the same pieces of equipment and medicine that stock the E.R.'s. In fact we take and become certified in many of the same classes that emergency room nurses and physicians. Examples of these are advanced cardiac life support and pediatric advanced life support.

In 2015 the Binghamton Fire Department transported 3,206 patients to area hospitals. While we are proud of the care we have given the sick and injured our transport activity also provides an additional benefit: revenue. Working in conjunction with our billing agency we are able to recover funds from patients insurance companies in order to underwrite the costs of providing paramedic transport services.

#### ***Training***

As one can imagine it takes many months of training and years of experience to become a top notch Paramedic or EMT. We're proud to say that the Binghamton Fire Department exceeds minimum training mandates listed by the NYS DOH Bureau of EMS. We offer basic emergency medical training in house by providing on duty training time led by our qualified certified instructor coordinator Liz Mednansky. Our group EMS instructors tackle a different monthly topic to supplement Liz's training. In addition paramedics attend another stand-alone training proctored by the Southern Tier Paramedic Program. There are also spontaneous peer to peer trainings given by senior department mentors.

We are proud to announce that Firefighter Jon Gaudet recently graduated the Southern Tier Paramedic Program and successfully passed his NYS exam. Jon completed his field internship

time with preceptors Steve Cole and Bryan Davidson and is now authorized by our Medical Director Dr. Dina Farrell to practice advanced life support medicine for Binghamton Fire. Special kudos go out to Jon because he was in the fairly unique position of being the only Binghamton firefighter enrolled at BCC in the paramedic program during the fall of 2014 and spring of 2015. We try to send at least two firefighters to school together so that they may lean on each other by forming study groups and providing support. Jon had to “go it alone” but was supported by his brothers on Group “C”.

Three of our probationary firefighters also passed their NYS basic EMT exam. Congratulations to Devaughn Bryant, Ty Gleason and Jordan Hilfiger. Probationary firefighter Christopher Neville successfully recertified his basic EMT by passing all state requirements. Good job Chris.

### ***Equipment.***

Treating medical emergencies and traumatic injuries require skill, intelligence and equipment. Lots of equipment. Why? The simple fact is that every day and night we don’t know what our crews will be faced with. The Binghamton Fire department strives to equip every vehicle with cutting edge technology in order to save lives. This objective is costly and takes time to regulate and administer- but it is well worth every penny and every hour. Every vehicle in every firehouse has the ability to handle emergencies from A to Z. In fact the Binghamton Fire Department was one of the first agencies in the state to equip all vehicles with AED’s, Epi pens, Narcan and tourniquets.

### ***Special events.***

In 2015 the Binghamton fire department continued its support of the community by providing ems leadership and coverage to the Bridge Run and the Chris Thater memorial races. The department also generated revenue by providing ems services to the Broome County arena during large events and by covering special events within the city with a member, AED and equipment.

The City, its citizens and visitors have every reason to be proud of their fire department. Through ongoing support we hope to continue our commitment to providing first class emergency services.

Captain John Colling  
EMS Coordinator

# SECTION SIX

# APPARATUS/EQUIPMENT

# MAINTENANCE DIVISION



**MAINTENANCE FACILITY  
1 BELDEN STREET**

## STATION LOCATIONS/APPARATUS ASSIGNMENTS

<b>YEAR BUILT</b>	<b>STATION</b>	<b>ADDRESS</b>	<b>APPARATUS</b>
<b>1973</b>	<b>HEADQUARTERS</b>	<b>GOVERNMENTAL PLAZA 38 HAWLEY</b>	<b>CAR #21 (DUTY CHIEF) SQUAD #21 TOWER LADDER #21 FIRE AMBULANCE #7121 EMS-#21-5 RESCUE BOATS #1 &amp; 2 RESERVE AMBULANCE #7122</b>
<b>1929</b>	<b>STATION #1</b>	<b>259 CONKLIN AVE.</b>	<b>ENGINE #21-1 EMS #21-1</b>
<b>1900</b>	<b>STATION #2</b>	<b>180 MAIN ST</b>	<b>QUINT #21-2 EMS #21-2</b>
<b>1960</b>	<b>STATION #3</b>	<b>39 W. STATE ST.</b>	<b>QUINT #21-3 EMS #21-3 HAZ MAT #21</b>
<b>1904</b>	<b>STATION #4</b>	<b>176 ROBINSON ST.</b>	<b>ENGINE #21-4 EMS #21-4</b>
<b>2001</b>	<b>JAMES M. SULLIVAN FIRE TRAINING FACILITY</b>	<b>1 BELDEN ST.</b>	<b>RESERVE ENGINE # 21-9 RESERVE QUINT # 21-9</b>

# SECTION SEVEN

## MEMORIAL MASS-AWARDS GRADUATION



**JAMES M. SULLIVAN FIRE TRAINING FACILITY**

**1 BELDEN STREET**

**2015 MEMORIAL MASS**



**ROCK BOTTOM DAM MEMORIAL**  
**September 2015**





# SECTION EIGHT

## REVENUE



**ENGINE #4  
176 ROBINSON STREET**

**CITY OF BINGHAMTON**

**BUREAU OF FIRE**

**2015 REVENUE**



<b><u>SOURCE</u></b>	<b><u>AMOUNT</u></b>
AMBULANCE TRANSPORT	\$701,662.08
FIRE PROTECTION FOR BOCES	30,000.00
FRITO LAY CORPORATION	4,200.00
JT SEWAGE TREATMENT PLANT	<u>4,200.00</u>
<b>TOTAL</b>	<b>\$740,062.08</b>

# SECTION NINE

# SPECIAL REQUESTS



**ENGINE #1**  
**259 CONKLIN AVENUE**

## SPECIAL REQUESTS

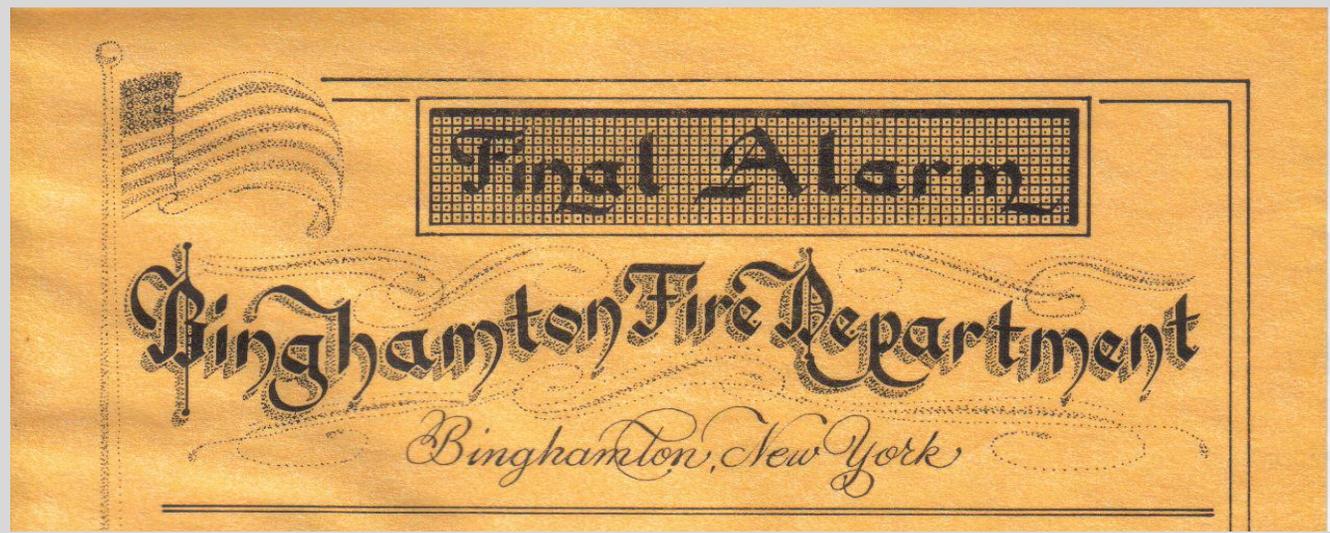
2015

REQUESTING AGENCY	REQUESTOR	DATE	GROUP
ST. JOHNS CHURCH	Tower 1	05-06-15	GR A
RIVERSIDE DR. NURSERY SCH	Quint 2	05-27-15	GR B
RIVERSIDE DR. NURSERY SCH	Quint 2	05-28-15	GR C
MEMORIAL DAY PARADE	Quint 2	05-26-15	GR D
BEN FRANKLIN SCHOOL	Engine 1	06-11-15	GR A
ANGELICAN CHURCH HEALTH FAIR	Engine 1	06-06-15	GR D
BEN FRANKLIN SCHOOL	Engine 1	06-11-15	GR A
WMS BLOC PARTY –WEST MIDDLE SCHOOL	Quint 2	06-13-15	GR C
WOODROW WILSON SCHOOL	Quint 2	06-19-15	GR A
SOUTHERN TIER INDEPENDENCE CTR	Quint 3	07-23-15	GR C
THOMAS JEFFERSON SCHOOL SAFETY TOWN	Quint 2	07-13-15 07-27-15	GR A GR C
AARF RABIES CLINIC	Engine 4	07-28-15	GR D
NATIONAL CRIME OUT	RIG-ALL STATIONS	08-04-15	GR C
K-MART	Quint 3	09-26-15	GR D
LOURDES CHILDCARE	Quint 2	10-07-15	GR C
COLUMBUS DAY PARADE	Quint 2	10-12-15	GR D
DISCOVERY CENTER PRESCHOOL	Tower 1	10-16-15	GR D
THEODORE ROOSEVELT SCHOOL PTA	Quint 3 3:00 – 4:00	10-29-15	GR A
VETERAN’S PARADE	Quint 2	11-11-15	GR B
BOSCOV’S PARADE	Quint 2	11-21-15	GR D

## 2015 TOURS



STATION	NUMBER OF TOURS	NUMBER OF ATTENDANCE
<b>ENGINE #1 259 CONKLIN AVE</b>	<b>7</b>	<b>119</b>
<b>QUINT #2 180 MAIN ST.</b>	<b>8</b>	<b>151</b>
<b>QUINT #3 39 W. STATE ST.</b>	<b>4</b>	<b>70</b>
<b>ENGINE #4 176 ROBINSON ST.</b>	<b>5</b>	<b>117</b>
<b>HEADQUARTERS GOVERNMENT PLAZA</b>	<b>8</b>	<b>140</b>



**FF Francis J. Haher**  
September 26, 1898

**FF Joseph Muggleton**  
June 14, 1914

**FF Clair Brainard**  
March 25, 1925

**Chief Charles Van Cleve**  
January 16, 1929

**FF Joseph Henehan**  
October 31, 1938

**Chief Arthur Dillon**  
March 7, 1946

**FF Jerome Ryan**  
September 3, 1951

**Capt. Lawrence O'Hara**  
January 13, 1967

**FF John Russell**  
September 28, 1975

**Capt. Donald McGeever**  
September 29, 1975

**Chief Donald Faughnan**  
May 1, 1987

**FF John Janos**  
April 6, 2013

**Capt. Walter Howell**  
March 5, 1914

**Capt. William Ford**  
October 29, 1915

**FF William Moran**  
September 17, 1928

**FF William Kennedy**  
April 29, 1929

**FF James McCarthy**  
October 8, 1940

**FF Arnold Shephard**  
February 5, 1951

**T. I. James Sullivan**  
November 10, 1962

**Lt. Clyde Johns**  
October 24, 1970

**Chief John Cox**  
September 29, 1975

**FF Francis Furch**  
December 31, 1977

**FF Gerald Mullins**  
January 8, 1994



*We will not forget*



**Chief Daniel L. Thomas**

**1975-2016**