

ANNUAL REPORT
OF THE
FIRE DEPARTMENT
AND WIRE DIVISION

OF THE
CITY OF BOSTON
FOR THE
YEAR ENDING DECEMBER 31, 1935



CITY OF BOSTON
PRINTING DEPARTMENT
1936

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ANNUAL REPORT
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FIRE DEPARTMENT
FOR THE YEAR 1935.

Boston, January 31, 1936.

HON. FREDERICK W. MANSFIELD,
Mayor of the City of Boston.

DEAR SIR,— I have the honor to submit herewith a report of the activities of the Boston Fire Department for the year ending December 31, 1935, as required by section 24, chapter 4, of the Revised Ordinances of 1925.

FIRE LOSS.

The total fire loss for the City of Boston, estimated by the insurance companies, amounted to \$2,033,107.56, of which \$1,244,311.15 was on buildings and \$788,796.41 was on contents. This total is \$299,172.53 less than in 1934 and is the lowest fire loss paid in the City of Boston since the year 1910.

The high state of efficiency of the department, combined with continued inspection work of the Fire Prevention Division, undoubtedly accounts for a great saving in the fire loss of this city. In addition, the constant and thorough drive on suspicious and incendiary fires by the Arson Unit of the Fire Prevention Division has been of valuable assistance in reducing the loss.

The fires showing the greatest loss during the year are as follows:

March 15, 1935, 101-111 Causeway street and 276-280 Friend street, Diamond Drug and Magnesia Company <i>et al.</i>	\$143,288.96
March 29, 1935, 80 Langdon street, New England Company <i>et al.</i>	88,511.24
February 21, 1935, 132 and 134 Beach street, Benjamin Shir <i>et al.</i>	66,210.28
May 7, 1935, 353 Marlborough street, Alice Lavallo <i>et al.</i>	33,316.00
May 3, 1935, 1248-1254 River street, Sears Roebuck <i>et al.</i>	32,327.42
December 26, 1935, rear 286 Rutherford avenue, North Shore Fibre Company <i>et al.</i>	30,292.13
October 31, 1935, 1486 Tremont street, Nutro Beverage Company	27,151.09
March 14, 1935, 17 and 19 Cypher street, Paul O'Sullivan Company <i>et al.</i>	23,656.97
February 8, 1935, 118-126 Harvard avenue, Wonder Bar Cafe <i>et al.</i>	23,308.95
July 10, 1935, 26 and 28 Haymarket square, Caporale Brothers & Co. <i>et al.</i>	19,903.17

FINANCES.

As in past years the expenditures of the department have been carefully watched. Expenditures increased over 1934 because of the fact that sliding scale increases in salary were again put into effect by your Honor, and statutory reductions in salaries were discontinued as of January 1, 1935, when all members of the department received regular rates of pay again. I submit below a table showing how expenditures of 1935 compare with those of previous years.

Year ending December 31, 1935	\$4,161,328.20
" " " 31, 1934	3,677,085.02
" " " 31, 1933	3,804,226.83
" " " 31, 1932	4,377,844.00
" " " 31, 1931	4,620,818.60
" " " 31, 1930	4,642,216.53
" " " 31, 1929	4,552,265.18
" " " 31, 1928	4,357,568.28
" " " 31, 1927	4,183,945.99
" " " 31, 1926	4,290,314.84

FIRE PREVENTION.

The fire prevention work of the Fire Department has been very diligently performed by the inspection force of the Fire Prevention Division, as well as by district and company officers. Inspectors, on many occasions, have given valuable advice to owners and occupants on proper protection to their property to prevent fires. Fire prevention campaigns have been conducted by submitting articles to the daily press, by radio and by lectures in schools, lodges and other societies.

During the year all classes of buildings were inspected. A special detail of men from the Fire Prevention Division inspected many one and two-family houses with the permission of the occupants. This is a step forward in fire prevention as the Fire Department under the law has no authority to inspect one or two family houses.

Number of inspections	206,483
Number of re-inspections	11,441
Number of corrections	15,288
Number of complaints	8,776
Number of conditions found corrected on re-inspections	8,644
Number of personal inspections	2,681
Oil burners inspected	1,460

Reports of hazardous conditions were sent to other departments as follows:

Reports sent to the Building Department	1,272
Reports sent to School Buildings Department	21
Reports sent to Health Department	9
Personal services by Constable	490

The following inspections were made by district officers and district privates:

Buildings inspected by district officers	19,733
Inspections by district privates	67,130
Theatre inspections	3,758
Schoolhouse inspections	3,820
Public buildings inspections	841
Carhouse inspections	72
Deer Island monthly inspections	12
Long Island monthly inspections	12

A brief account of the activities of the Arson Unit, in accordance with the provisions of chapter 383 of the Acts of 1931, is as follows:

Number of Police Inspectors assigned to the Fire Prevention Division from Police Headquarters	4
Number of Fire Prevention Inspectors on Arson Squad	6
Number of Investigations by Arson Squad	308
(a) Reported as being suspicious	48
(b) Reported as being unknown or undetermined	78
(c) Miscellaneous	182
Number of persons interviewed at Fire Prevention Office	28
Number of hearings held at Fire Alarm Office (Fenway)	22
Number of hearings held, which, on account of insufficient evidence, were not presented to District Attorney	9
Number of cases presented to District Attorney for consideration as to prosecution	13
Number of cases arraigned in Municipal Court	5
Cases held for Grand Jury	3

FIRE APPARATUS.

No new major fire apparatus was purchased during 1935. The motor equipment of the department at the present time consists of the following:

Type.	In Service.	In Reserve.
Pumping engines	52	9
Steam engine (tractors)	—	3
Hose cars	48	8
Aerial ladder trucks	23	6
City service trucks	8	7
Water towers	3	1
Chief officers' cars	35	13
School car	—	1
Rescue cars	3	2
Fuel cars	1	1
Portable lighting plants	2	—
Wrecking car	1	—
Commercial trucks	13	—
Emergency Ford cars	7	—
Ford coupes	5	—

C. W. A.—E. R. A.—W. P. A.

Civil Works Project No. 293 for painting interiors of fire stations was continued until April 1, 1935. On this date the Emergency Relief Administration was established, replacing the C. W. A. Department projects were resubmitted and the new work was known as E. R. A. Project No. 2233-B4-53. The personnel was reduced from seventy-seven to twenty-nine men. On November 25, 1935, the Emergency Relief Administration was replaced by the Works Progress Administration and the project was known as Works Progress Project No. 5069. Approximately forty men were employed on this project. At the close of business, December 31, 1935, the interiors of fifteen buildings had been painted.

HIGH PRESSURE SERVICE.

The records of the two high pressure service stations for the year are as follows:

	Station No. 1.	Station No. 2.
Total alarms to which pump responded	251	192
Water discharged *	441,000 gallons	42,000 gallons

*Owing to the construction of the Venturi meters they do not record flows under 600 gallons per minute.

HYDRANTS.

The following is a list of the hydrants in service on December 31, 1935:

	Public.	Private.
Ordinary post	3,328	130
Boston post	2,447	25
Lowry	619	33
Boston Lowry	320	5
Batchelder & Finneran post	4,436	8
Boston	105	111
High Pressure	503	—
Chapman post	46	55
Ludlow post	3	13
Matthew post	—	4
Coffin post	1	—
Total	11,708	384

FIRE COLLEGE.

The sessions of the fire college were conducted during the year (except during the vacation period). Approximately one hundred and sixty members of the department received instructions at the college during the year.

DEPARTMENT DRILLS.

Regular weekly drills were held by all companies in the department during the year. In addition, each company in the department was given a thorough drill by the department drillmaster.

PUMP SCHOOL.

Two classes of the motor pump school were held during the year, at which thirteen (13) members of the department were instructed in the care and operation of motor fire pumps.

CHAUFFEURS' SCHOOL.

Thirteen (13) members of the department received instructions in the chauffeurs' school during the year and were certified as operators of department motor vehicles. All members rated as chauffeurs were given instructions in the care and operation of motor vehicles.

MUTUAL AID.

The department responded to sixty-four (64) alarms of fire outside of the city limits, divided as follows:

Milton	32
Brookline	3
Somerville	22
Chelsea	4
Newton	3

RADIO BROADCASTS.

Radio broadcasts were given from time to time over Radio Station WBZ, in which the Fire Commissioner, Chief of Department, Deputy Chief in charge of Fire Prevention and the Superintendent of Maintenance participated. The cooperation of the public was asked to help reduce the number of fires and the fire loss. Valuable information was given for the prevention of fires and the public was informed concerning important department operations.

FIRE ALARM SERVICE.

The Fire Alarm Service has been maintained at its usual high standard. Twenty new fire alarm boxes were installed by this department. All boxes and posts were repainted. Many changes were made in line construction to improve the system, and electrical equipment in various department stations was improved.

Defective cables were replaced and necessary extensions of the underground system were made.

OPERATING RECORDS.

First alarms	5,664
Second alarms	70
Third alarms	21
Fourth alarms	4

BOX ALARMS RECEIVED BUT NOT TRANSMITTED.

Same box received two or more times for same fire	440
Adjacent boxes received for same fire	320
Received from boxes but treated as stills	12
	<u>772</u>

STILL ALARMS RECEIVED AND TRANSMITTED.

Received from citizens by telephone	2,735
Received from Police Department by telephone	338
Received from Fire Department stations	1,190
Received from boxes but treated as stills	12
Mutual aid alarms (adjacent cities and towns) treated as stills	61
Emergency service treated as stills	213
	<u>4,549</u>

Still alarms received by telephone for which box alarms were afterwards received and transmitted	215
Still alarms received by telephone from which box alarms, not received, were transmitted (11 p. m. to 7 a. m.)	322

AUTOMATIC AND A. D. T. ALARMS.

Boston Automatic Fire Alarm Company:	
Transmitted by company to this department	136
Box alarms received and transmitted after automatic alarms had been struck	4
Box alarms not received but transmitted after automatic alarm had been struck (11 p. m. to 7 a. m.)	35
Automatic alarms received at fire alarm office but not transmitted	6

American District Telegraph Company:	
Transmitted by company to this department . . .	109
Box alarms received and transmitted after A. D. T. alarms had been struck . . .	5
Box alarms not received but transmitted after A. D. T. alarms had been struck (11 p. m. to 7 a. m.) . . .	21
A. D. T. alarms received at fire alarm office but not transmitted . . .	13

SUMMARY OF ALARMS.

Alarms received:	
Box alarms received and struck . . .	5,286
Box alarms received but not struck . . .	772
Multiple alarms . . .	95
Still alarms — all classes . . .	4,549
Boston automatic alarms . . .	136
A. D. T. alarms . . .	109

Box alarms not received but transmitted (11 p. m. to 7 a. m.) . . .	378
	<u>11,325</u>

Exclude following:

Multiples . . .	95
Box alarms received but not transmitted . . .	772
Still alarms for which other alarms were transmitted . . .	537
Automatic alarms for which other alarms were transmitted . . .	39
Automatic alarms received but not transmitted . . .	6
A. D. T. alarms for which other alarms were transmitted . . .	26
A. D. T. alarms received but not transmitted . . .	13

1,488

Total alarms, with eliminations, to which apparatus responded:

First alarms . . .	5,664
Still alarms . . .	4,012
Automatic alarms . . .	91
A. D. T. alarms . . .	70

9,837

MULTIPLE ALARM FIRES.

With two alarms . . .	50
With three alarms . . .	17
With four alarms . . .	4

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MUTUAL AID RESPONSE.

To Milton . . .	32
To Quincy . . .	0
To Newton . . .	3
To Brookline . . .	3
To Somerville . . .	22
To Chelsea . . .	4

FIRE ALARM BOX RECORDS.

Boxes from which no alarms were received . . .	394
Box tests and inspections . . .	11,451

NOTE.— All street box doors are tested weekly.

FALSE ALARMS.

Box alarms received and struck . . .	1,595
Box alarms received but not struck . . .	29
Box alarms treated as stills . . .	9
Telephone . . .	36
A. D. T. . . .	2
Automatic . . .	1
	<u>1,672</u>

ALARM SERVICE.

Of the 5,286 box alarms received and transmitted to the department, 1,595 were false, about 30 per cent. This compares with 5,541 received in 1934 with 1,816 false, about 33 per cent. The Police Department made 120 arrests of persons sounding false alarms and 80 convictions were obtained in court, as compared with 56 arrests in 1934 and 41 convictions.

FIRE ALARM BOXES IN SERVICE.

Total number . . .	1,687
Owned by Fire Department . . .	1,233
Owned by School Buildings Department . . .	257
Owned by Boston Automatic Fire Alarm Company . . .	46
Privately owned . . .	151
Total boxes on posts . . .	862
Total boxes on poles . . .	466
Total boxes on buildings . . .	178
Total boxes in buildings . . .	181

FIRE DEPARTMENT BOXES.

On box posts . . .	787
On poles . . .	424
On buildings . . .	17
In buildings . . .	5
Equipped with keyless doors . . .	519
Equipped with quick-action doors . . .	714

Equipped with auxiliary attachments	3
Succession type	1,001
Designated by red lights	885

SCHOOLHOUSE BOXES.

On box posts	72
On poles	27
On buildings	102
In buildings	56
Equipped with keyless doors	167
Equipped with quick-action doors	45
Equipped with key doors	45
Equipped with auxiliary attachments	252
Succession type	164
Designated by red lights	65

BOSTON AUTOMATIC FIRE ALARM BOXES.

On poles	3
On buildings	16
In buildings	27
Equipped with keyless doors	21
Equipped with quick-action doors	5
Equipped with key doors	20
Equipped with auxiliary attachments	46
Succession type	8

PRIVATE BOXES.

On posts	3
On poles	12
On buildings	43
In buildings	93
Equipped with keyless doors	52
Equipped with quick-action doors	52
Equipped with key doors	47
Equipped with auxiliary attachments	23
Succession type	107

FIRE ALARM BOXES IN DISTRICTS.

District 1	102	District 9	114
District 2	72	District 10	139
District 3	46	District 11	155
District 4	88	District 12	107
District 5	74	District 13	172
District 6	101	District 14	151
District 7	104	District 15	125
District 8	136		

Division 1	382
Division 2	496
Division 3	808

Also one box in Chelsea.

SUMMARY OF WORK DONE.

	Feet.
Line wire used in new work (approximately)	12,000
Line wire used for replacements (approximately)	29,000
Aerial cable installed new work	2,862
Conductors in same	8,948
Aerial cable replaced	4,756
Conductors in same	18,416
Underground cable installed, new work	13,581
Conductors in same	66,710
Underground cable replaced	18,241
Conductors in same	293,955
Conduits laid underground	4,803
Ducts abandoned. Owned by department	400
Manholes built	3
Handholes built	4
Fire alarm boxes installed by Fire Department	20
Fire alarm boxes installed by School Buildings Department	1
Fire alarm boxes installed on private property	2
Fire alarm boxes relocated	3
Fire alarm boxes removed from service	6
Box posts installed	26
Box posts relocated	2
Box posts reset or replaced by new	13
Cable posts (small size) installed	1
Underground cable boxes (attached to poles) installed	9
Underground cable boxes removed from service	7

WIRE DIVISION.

Regular and periodical inspections have been made of all theatres, places of amusement and public halls, together with new installations and changes throughout the city.

Thorough investigations were made of all fires and accidents reported as due to electrical causes, and reports of same are on file in the Wire Division.

Following is a table showing a summary of the work of the interior division of the Wire Division for 1935:

Notices of new work received	13,384
Number of permits issued to turn on current	10,306
Number of incandescent lamps inspected	2,130,290
Number of motors inspected	15,756
Number of inspections made	30,275
Number of inspections made of theatres, places of amusement and public halls	1,580

The income received from permits to perform electrical work was \$37,859.65.

During the year there were one hundred and eleven fires in buildings, eleven manhole troubles, seven fires on poles, ten miscellaneous troubles and two fatal accidents investigated.

EXTERIOR DIVISION.

The underground district for the year 1935, as prescribed under the authority of chapter 101 of the Acts of 1931, comprised the following streets:

Brighton.—Englewood avenue, from Sutherland road to Brookline line; Wade street, from Commonwealth avenue to end of the street at No. 35.

East Boston.—Bennington street, from Day square to Westbrook street and from Breed square to Leyden street; Marion street, from Bennington street to Bremen street; Maverick street, from Lamson street to Jeffries street.

South Boston.—East Second street, from K street to M street and from N street to Farragut road; P street, from East First street to Columbia road; Marine road, from Columbia road to N Street to I street.

Roxbury and Dorchester.—Clifton street, from Shirley street to Dudley street.

Dorchester.—Gallivan Boulevard, from Adams street at Granite avenue to a point fifty (50) feet east of the east line of Belton street.

making a total distance of four miles as prescribed by law.

In these prescribed streets from which poles and wires were to be removed there were standing on January 1, 1935, one hundred and sixty seven (167) poles and eight hundred sixty-six thousand, six hundred and ninety (866,690) feet of overhead wires, not including trolley wires and poles which are exempted by law.

During the past year inspectors of this division have reported seventy-nine (79) poles decayed at base and twenty (20) poles leaning, a total of ninety-nine (99) poles which were replaced or reset by the various companies at the request of this department.

The following table shows the overhead work for the year from January 1, 1935 to December 31, 1935, inclusive:

Number of poles set in new locations	41
Number of poles replaced, reset or straightened	880
Number of poles removed	320
Number of poles now standing	17,491

FIRE DEPARTMENT.

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Number of defects reported	949
Number of defects corrected	545
(Other defects in process of correction.)	
Number of notices of overhead construction	2,189
Number of overhead inspections	21,126
Number of overhead reports	16,159
Amount of wires in feet removed by owners	864,678

UNDERGROUND CONSTRUCTION.

The ducts used for the underground conduits of the drawing-in system are of the following type:

1. Vitrified clay (laid in concrete).
2. Fiber (laid in concrete).
3. Iron.
4. Wood.

In side or residential streets special underground construction for electric light and power purposes (110 and 220 volts) of the type known as "Split Fiber Solid Main System" has also been installed.

The electrical approvals for underground electrical construction numbered 1,627.

Number of inspections of underground electrical construction	2,366
Number of reports of underground electrical construction	6,231

Table showing Underground Work for the Year 1935.

COMPANY.	Feet of Conduit.	Feet of Duct.	Feet of Cable.	Number of Manholes.	Number of Services.
Boston Consolidated Gas Company.	1,142	14,429			29
Boston Elevated Railway Company.	3,638	17,611	35,205	5	
Edison Electric Illuminating Company.	29,801	164,115	439,697	121	979
Boston Fire Department (Fire Alarm Branch).	545	2,080	31,822		12
Boston Police Department (Police Signal Service).	2,029	2,029	236,776		29
New England Telephone & Telegraph Company.	6,113	20,695	36,940	8	14
Postal Telegraph Cable Company.	184	368	249		
Boston Low Tension Wire Association.		10			1
Western Union Telegraph Company.			5,173		
Totals.....	42,310	208,050	800,291	134	1,064

NOTE.—"Split Fiber Solid Main System" of the Edison Electric Illuminating Company is included in the above figures, comprising 1,400 feet of conduit and 2,733 feet of duct.

Table Showing the Amount and Distribution of Boston's Electrical Power.

COMPANY.	Total Rated Horse Power of Boilers.	Total Rated Horse Power of Engines.	Capacity of Incandescent Lamps in Kilowatts.	Capacity of Arc Lamps in Kilowatts.	Kilowatts of Motors.	Kilowatts of Mixed Load.	Number of Stations.
Boston Elevated Railway Company...	24,360	241,287	3,549	15	223,370	48,850	‡ 15
Boston Consolidated Gas Company....	None	None	3,000	300	6,300	2,000	2
Edison Electric Illuminating Company.	40,232	280,416	*	*	*	*	† 76
Hanover Street Trust.....	400	359	125	.....	75	200	1
Quaker Building Company.....	620	400	125	.....	125	.....	1
Totals.....	65,612	522,462	6,799	315	229,870	51,050	95

* Unknown. (Meter capacity connected to lines of Edison system, 1,171,384 K. W.)

† Generating stations, company and customers sub-stations and primary network units.

‡ Two generating and 13 substations.

RECOMMENDATIONS.

During the past few years the personnel of the department has been reduced to a great extent. No appointments have been made to the fire-fighting force during the last two years. In order to maintain the department at an efficient operating strength it will be necessary to fill some of the vacancies soon. There are now nearly one hundred vacancies in the grade of private and this number is increasing constantly because of deaths and retirements.

FIRE APPARATUS.

Very little major fire apparatus has been purchased during the past four years. In order to keep the rolling stock of the department in first-class condition a certain percentage of apparatus should be replaced each year. In my opinion it is sounder economy to replace a few pieces of old apparatus each year than to wait until necessity forces the replacement of a large number at one particular time.

BUILDINGS.

Consideration should be given at this time to the enlargement of the Repair Shop of the Maintenance Division. The addition of another story to the present three-story Repair Shop would provide space for the proper handling of repairs to major apparatus.

The erection of a new garage, with space for the storage of about seventy-five cars, should be given careful thought and study. The present garage is located in an old building and is much too small to properly care for the needs of the department. The foregoing changes have been recommended as part of the P. W. A. program, but should be given consideration if funds are not available under this program.

There are several fire stations in the City of Boston which are old and antiquated and which were not built to accommodate motor fire apparatus. When funds are available it would be advisable to rebuild and relocate some of these houses so that the department will be modernized in every way and its efficiency will be increased.

Yours very truly,

EDWARD F. McLAUGHLIN,
Fire Commissioner.

RECAPITULATION OF EXPENDITURES, 1935.

Fire Department	\$4,161,328 20
Wire Division	95,259 42
	<u>\$4,256,587 62</u>

ANNUAL REPORT OF REVENUE, BOSTON FIRE DEPARTMENT, YEAR OF 1935.

Permits for fires in open spaces; fireworks; blasting; transportation and storage of explosives; garage and gasoline storage; oil burners, etc.	\$24,381 25
Sale of old material (condemned hose)	151 87
Sale of old material (junk)	476 73
Sale of badges	383 30
Damage to fire alarm boxes, posts and fire apparatus	1,201 03
Miscellaneous sales	20 39
	<u>\$26,632 07</u>

CHIEF OF DEPARTMENT.

HENRY A. FOX.

The chief is in charge of the fire protection of the city, which is divided into three divisions, each commanded by a deputy chief, which are subdivided into fifteen districts, each commanded by a district chief.

DIVISION 1.

Deputy Chiefs, JOHN J. KENNEY and LOUIS C. STICKEL.

Headquarters, Ladder House 8, Fort Hill Square. This division comprises Districts 1, 2, 3, 4, 5.

District 1.

District Chiefs, NAPEEN BOUTILIER and WILLIAM F. DONOVAN.

Headquarters, Engine House 5, Marion Street, East Boston.

Apparatus Located in the District.—Engines 5, 9, 11, 40, 47 (fireboat), Ladders 2, 21, 31.

District 2.

District Chiefs, PHILIP A. TAGUE, and MICHAEL J. AYLWARD.

Headquarters, Engine House 50, Winthrop Street, Charlestown.

Apparatus Located in the District.—Engines 27, 32, 36, 50, Ladders 9, 22.

District 3.

District Chief, WILLIAM A. DONOVAN.

Headquarters, Ladder House 18, Pittsburgh Street.

Apparatus Located in the District.—Engines 25, 38, 39, 44 (fireboat), Ladders 8, 18, Water Towers 1 and 3.

District 4.

District Chiefs, JOHN F. McDONOUGH and JAMES F. SHEEHAN.

Headquarters, Engine House 4, Bulfinch Street.

Apparatus Located in the District.—Engines 4, 6, 8, 31 (fireboat), Ladders 1, 24, Rescue 3.

District 5.

District Chiefs, JOHN F. WATSON and DENNIS J. COUGHLIN.

Headquarters, Engine House 26-35, Broadway.
Apparatus Located in the District.—Engines 7, 10, 26, 35, Ladder 17, Rescue 1, Water Tower 2.

DIVISION 2.

Deputy Chiefs, THOMAS H. DOWNEY and WILLIAM F. QUIGLEY.

Headquarters, Engine House 22, Warren Avenue.
 This division comprises Districts 6, 7, 8, 11.

District 6.

District Chiefs, JAMES J. KANE and EDWARD G. CHAMBERLAIN.

Headquarters, Engine House 1, Dorchester Street, South Boston.
Apparatus Located in the District.—Engines 1, 2, 15, 43, Ladders 5, 19, 20.

District 7.

District Chief, MICHAEL F. MINEHAN.

Headquarters, Engine House 22, Warren Avenue.
Apparatus Located in the District.—Engines 3, 22, 33, Ladders 3, 13, 15.

District 8.

District Chiefs, DANIEL MARTELL and CHARLES H. McDONNELL.

Headquarters, Engine House 37, 560 Huntington Avenue.
Apparatus Located in the District.—Engines 13, 14, 37, Ladders 12, 26.

District 11.

District Chiefs, THOMAS H. ANDREOLI and JOSEPH W. SHEA.

Headquarters, Engine House 41, Harvard Avenue, Brighton.
Apparatus Located in the District.—Engines 29, 34, 41, 51, Ladders 11, 14.

DIVISION 3.

Deputy Chief, FRANK A. SWEENEY.

Headquarters, Ladder House 23, Washington Street, Grove Hall.

This division comprises Districts 9, 10, 12, 13, 14, 15.

District 9.

District Chief, WILLIAM H. McCORKLE.

Headquarters, Engine House 12, Dudley Street.
Apparatus Located in the District.—Engines 12, 23, 24, Ladders 4, 23, Rescue 2.

District 10.

District Chiefs, DANIEL J. HURLEY and EDWARD N. MONTGOMERY.

Headquarters, Engine House 17, Parish Street, Meeting House Hill.
Apparatus Located in the District.—Engines 17, 18, 21, Ladder 7.

District 12.

District Chiefs, TIMOTHY F. DONOVAN and THOMAS F. WARD.

Headquarters, Engine House 28, Centre Street, Jamaica Plain.
Apparatus Located in the District.—Engines 28, 42, 53, Ladders 10, 30.

District 13.

District Chiefs, CHARLES A. DONOHUE and EDWARD F. MCCARTHY.

Headquarters, Engine House 45, Corner Washington and Poplar Streets, Roslindale.
Apparatus Located in the District.—Engines 30, 45, Ladders 16, 25.

District 14.

District Chiefs, JAMES MAHONEY and WALTER C. GLYNN.

Headquarters, Engine House 46, Peabody Square, Dorchester.
Apparatus Located in the District.—Engines 16, 20, 46, 52, Ladders 6, 27, 29.

*District 15.**District Chiefs, WILLIAM HART and ALLEN J. JARVIS.**Headquarters, Engine House 48, Corner Harvard**Avenue and Winthrop Street, Hyde Park.**Apparatus Located in the District.—Engines 19, 48, 49, Ladder 28.*

ALARMS.		1935	1936
Building fires	3,657	3,637	
Automobile fires	889	847	
Rubbish, vacant lot	377	340	
Rubbish near building	143	175	
Dump	198	176	
Brush or grass	971	848	
Other outdoor fires	683	735	30.6
False	1,631	1,356	
Accidental	203	245	
Needless	683	666	
Rescue	319	17	
Marine	19	75	
Out of city calls	79	73	
Total alarms	9,852	9,509	

FIRES IN BUILDINGS.

Construction of Buildings.

Fire resistive	198	178
Second class	1,855	1,074
Frame	1,594	1,541
Other types	10	10
	3,657	3,637

Point of Origin.

Basement	1,190	1,140
First floor	1,051	1,019
Second floor	430	426
Third floor	302	281
Above third floor	130	181
Roof	156	122
Outside	398	467
Total	3,657	3,637

Extent of Fire.

Confined to point of origin	3,059	2,924
Confined to buildings	519	483
Spread to other buildings	79	60
Total	3,657	3,637

CAUSES OF FIRES IN BUILDINGS.

Chimneys, soot burning	454	476
Defective chimney	59	43
Sparks from chimney	88	61
Defectively installed heater	135	87
Rubbish near heater	66	57
Hot ashes	91	55
Fuel oil burners	260	264
Starting fires, kerosene or gasoline	1	7
Careless smoking	951	954
Children and matches	188	255
Other careless use of matches	140	133
Defective wiring	83	70
Electric appliances and motors	244	217
Home dry cleaning	4	3
Flammable liquids near flame	38	39
Kerosene lamps, stoves	14	9
Grease, food on stove	105	96
Clothes, furniture too near fire	51	45
Spontaneous ignition	148	147
Fireworks	52	40
Thawing water pipes	39	24
Sparks from machines	23	10
City gas and appliances	32	37
Miscellaneous known causes	165	200
Incendiary or suspicious	70	
Unknown	156	138
Total	3,657	3,637

ALARMS, FIRE LOSSES AND INSURANCE.—Concluded.

1935. Months.	ALARMS.						FIRE LOSSES AND INSURANCE.			
	ALARMS.						Loss.		Insurance.	
	Out of City Calls.	Confined to Room.	Confined to Building.	Extended to Others.	Damage None.	Damage Slight.	Damage Considerable.	Totally Destroyed.	Buildings.	Contents.
January.....	3	308	59	8	184	177	13	1	\$195,109 95	\$65,104 76
February.....	2	240	47	6	142	146	5	5	163,735 13	112,703 19
March.....	14	320	53	6	185	191	3	3	296,833 51	198,238 64
April.....	2	239	57	7	132	108	3	3	71,104 34	47,776 03
May.....	7	267	55	15	144	188	5	5	127,224 77	65,467 47
June.....	5	201	20	2	92	131	2	2	27,745 48	17,864 00
July.....	2	221	45	.....	109	155	2	2	38,335 35	8,698,396 00
August.....	3	188	32	6	89	137	2	2	52,914 09	3,573,150 00
September.....	1	204	28	4	109	125	2	2	50,548 83	3,573,150 00
October.....	10	273	53	8	131	203	2	2	37,803 82	7,331,033 00
November.....	5	224	24	4	123	127	2	2	85,911 70	6,211,950 00
December.....	1	374	46	13	215	216	2	2	70,258 68	3,074,403 00
Totals.....	10	79	3,059	79	1,635	1,964	37	1	\$1,244,311 15	\$788,796 41
									\$75,839,504 50	\$23,432,764 01

CAUSES OF FIRES AND ALARMS, FROM JANUARY 1, 1935, TO JANUARY 1, 1936.

Automobile.....	889	Other careless use of matches.....	133	140
Rubbish, vacant lot.....	377	Defective wiring.....	79	83
Rubbish near building.....	143	Electric appliances and motors.....	244	
Dump.....	198	Home dry cleaning.....	3	4
Brush or grass.....	971	Flammable liquids near flame.....	38	
Other outdoor fires.....	683	Kerosene lamps, stoves.....	14	
False.....	1,631	Grease, food on stove.....	105	
Accidental.....	203	Clothes, furniture, too near fire.....	51	
Needless bell and still.....	683	Spontaneous ignition.....	148	
Rescue.....	319	Fireworks.....	52	
Marine.....	19	Thawing water pipes.....	39	
Out of city calls.....	79	Sparks from machines.....	23	
Chimneys, soot burning.....	454	City gas and appliances.....	32	
Defective chimney.....	59	Miscellaneous known causes.....	165	
Sparks from chimney.....	88	Incendiary or suspicious.....	70	
Defectively installed heater.....	135	Unknown.....	156	
Rubbish near heater.....	66			
Hot ashes.....	91			
Fuel oil burners.....	260			
Starting fires, kerosene or gasoline.....	1			
Careless smoking.....	951			
Children and matches.....	188			
		Total.....	9,852	

1935.	FIRES EXTINGUISHED BY						
	Extinguishers.	Buckets or Cans.	Chemical or Foamer.	Hydrant Streams.	Pumper Streams.	Miscellaneous.	Citizens.
January.....	55	17	170	1	58	53	21
February.....	42	19	127	3	47	42	13
March.....	51	32	179	7	53	43	14
April.....	32	28	155	1	38	34	15
May.....	32	22	170	9	52	36	16
June.....	28	34	78	5	22	40	16
July.....	28	30	117	9	30	37	15
August.....	34	21	92	4	33	32	10
September.....	30	23	99	8	22	39	15
October.....	29	29	157	8	51	45	15
November.....	29	26	121	2	23	45	6
December.....	46	30	203	6	69	51	28
Totals.....	436	311	1,668	63	498	497	184

ALARMS FOR THE PAST TEN YEARS.

YEAR.	Bell.	Still and Automatic.	Totals.
1935.....	5,657	4,195	9,852
1934.....	5,952	4,023	9,975
1933.....	5,496	3,597	9,093
1932.....	5,587	3,808	9,395
1931.....	4,727	3,934	8,661
1930.....	4,601	3,808	8,409
1929.....	4,473	3,979	8,452
1928.....	3,867	3,829	7,696
1927.....	3,492	3,840	7,332
1926.....	3,762	4,108	7,870

Each fire is treated as having only one alarm.

FIRES WHERE LOSSES EXCEEDED \$15,000.

DATE.	Location and Owner.	Loss.
1935.		
Jan. 16.....	72-76 Fulton street, Phoebe Phelps Caramel Company et al.....	\$18,826 88
Jan. 24.....	10 Bulfinch place, Goodnow Estate et al.....	15,800 35
Jan. 28.....	45 Batavia street, L. Pengeroth et al.....	19,887 75
Feb. 2.....	80 Marlborough street, R. M. Everett et al.....	20,596 00
Feb. 8.....	118-126 Harvard avenue, Wonder Bar Cafe et al.....	23,308 95
Feb. 15.....	677 Dudley street, Estate L. V. Miles et al.....	17,473 00
Feb. 21.....	132 and 134 Beach street, Benjamin Shir et al.....	66,210 28
March 14.....	17 and 19 Cypher street, Paul O'Sullivan Company et al.....	23,656 97
March 15.....	101-111 Causeway street and 276-280 Friend street, Diamond Drug and Magnesia Company et al.....	143,288 96
March 29.....	80 Langdon street, New England Company et al.....	88,511 24
May 3.....	1248-1254 River street, Sears Roebuck & Co. et al.....	32,327 42
May 7.....	353 Marlborough street, Alice Lavelle et al.....	33,316 00
July 10.....	26 and 28 Haymarket square, Caporale Brothers & Co. et al.....	19,903 17
Aug 9.....	71 Eastern avenue, Quincy Market Cold Storage Company.....	19,344 94
et. 31.....	1486 Tremont street, Nutro Beverage Company.....	27,151 09
Dec. 26.....	Rear 286 Rutherford avenue, North Shore Fibre Company et al.....	30,292 13

3657
4195
9852

STATISTICS.

Population, January 1, 1936 (estimated)	795,256
Area, square miles	47.81
Number of brick, etc., buildings	44,062
Number of wooden buildings	93,726
Fires in brick, etc., buildings	2,053
Fires in wooden buildings	1,604
Fires out of city	79
Not in buildings, false and needless	6,116
	9,852

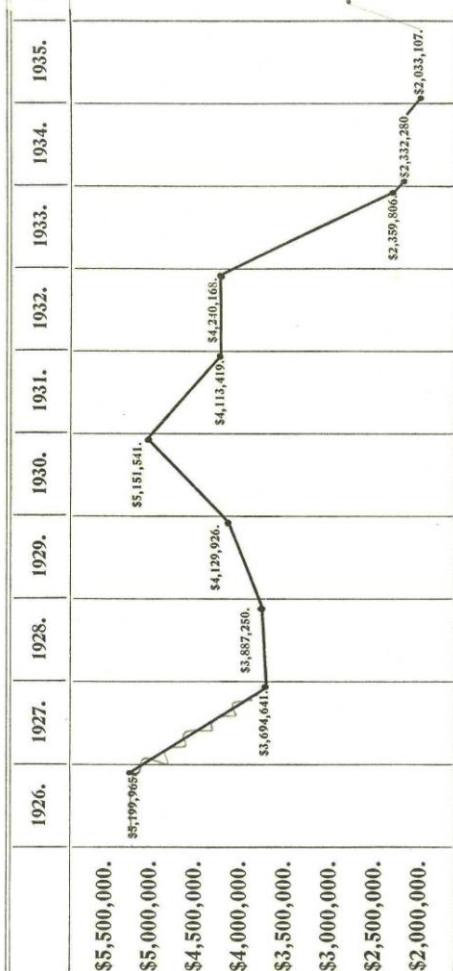
FIRE LOSS FOR THE YEAR ENDING DECEMBER 31, 1935.	
Buildings, loss insured	\$1,244,311 15
Contents, loss insured	788,796 41
Total loss insured	\$2,033,107 56

Marine loss	\$37,420 00
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YEARLY LOSS FOR THE LAST FIFTEEN YEARS.

Year ending January 1, 1922	\$4,010,201 00
" " " 1, 1923	3,304,595 00
" " " 1, 1924	6,286,299 00
" " " 1, 1925	4,735,595 00
" " " 1, 1926	5,407,070 00
" " " 1, 1927	5,199,965 00
" " " 1, 1928	3,694,642 00
" " " 1, 1929	3,887,250 00
" " " 1, 1930	4,129,926 00
" " " 1, 1931	4,593,622 00
" " " 1, 1932	4,115,419 00
" " " 1, 1933	4,240,168 00
" " " 1, 1934	2,359,806 00
" " " 1, 1935	2,332,280 00
" " " 1, 1936	2,033,107 00
1, 1937	2,704,366 93
1, 1938	

GRAPHIC CHART OF FIRE LOSS FOR PAST TEN YEARS.



FIRE DEPARTMENT.

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JOHN E. FITZGERALD MEDAL.

John J. Leary, for 1922.
 Daniel J. O'Brien, for 1923.
 Thomas F. Kilduff, for 1924.
 Dennis M. Condon, for 1927.
 Joseph P. Hanton, for 1929.
 Patrick J. Flaherty, for 1934.

WALTER SCOTT MEDAL.

Dennis M. Condon, for 1922.
 James H. Curran, for 1923.
 Edward J. Crowley, for 1924.
 Gilbert W. Jones, for 1927.
 John J. Boyle, for 1929.

ROLL OF MERIT.

Carl V. Anderson.
 Carl S. Bowers.
 James J. Buchanan.
 William O. Cheswell.
 Dennis M. Condon.
 Walter P. Corbett.
 Michael J. Dacy.
 James E. Downey.
 Dennis Driscoll.
 Joseph P. Hanton.
 Timothy J. Heffron.
 Gilbert W. Jones.
 Henry J. Kelly.

Martin A. Kenealy.
 John J. Kennedy.
 Frederick F. Leary.
 John J. Martin.
 Edward McDonough.
 James F. McMahon.
 Thomas J. Muldoon.
 Edward J. Murphy.
 Arthur A. Ryan.
 John A. O'Connor.
 Michael J. Teehan.
 William C. Jeffers.