

ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE
YEAR 1902-1903



BOSTON
MUNICIPAL PRINTING OFFICE
1903

FIRE COMMISSIONER,
BRISTOL STREET, BOSTON, February 17, 1903.

HIS HONOR PATRICK A. COLLINS,
Mayor of the City of Boston :

SIR, — The dreaded conflagration has not overtaken us yet; and, while good fortune has played a part in the satisfactory result attained, the activity and ability with which the members of this department have handled the strengthened apparatus are, in my opinion, the main cause of our success; but it is a little discouraging to see how year after year the old conditions continue by the building of wooden structures close together in those parts of the city which offer tempting bait for conflagrations, not to mention the tinder-boxes in the heart of the city.

The different branches of the department continue to give entire satisfaction, the Fire-alarm branch having struck 10,734,947 blows during the year in its manipulation of our electrical plant, while the active fighting force has shown every disposition to deserve the high praise already accorded it by its fellow-citizens. Of the 384 horses in the service, only one has died of disease.

The fire losses during the year are \$68,100 less than those of 1901, although we have had 391 more alarms than in that year.

I beg leave to express to your good self my grateful appreciation of the uniform encouragement and support with which I have been favored.

Our Roll of Merit contains the names of:

Nathan L. Hussey	Engine 23.
Edward H. Sawyer	Ladder 4.
Edward H. Sawyer	" 4.
James F. Bailey	Ladder 17.
Eugene Rogers	" 1.
Peter Callahan	Engine 4.
Joseph A. Kelley	Chemical 1.
Timothy J. Heffron	Engine 4.
James E. Downey	" 6.
Frederick F. Leary	Ladder 12.
Florence Donoghue	Combination 8.
James J. O'Connor	Engine 7.
James F. McMahon	Combination 8.
Martin A. Kenealy	Engine 7.
Denis Driscoll	" 7.
William H. Magner	Ladder 8.
Thomas J. Muldoon	Chemical 8.
Dennis McGee	Combination 5.
Joseph P. Hanton	Ladder 17.
Michael J. Teehan	" 17.

All of whom have distinguished themselves by exceptionally good work on occasion; but the success in putting out fires, which the department has attained, has been owing to the perpetual vigilance and uniform zeal of all the officers and men without distinction.

ORGANIZATION.

Commissioner, HENRY S. RUSSELL; term expires May, 1904.
 Secretary, BENJAMIN F. UNDERHILL.
 Chief of Department, WILLIAM T. CHESWELL.
 Assistant Chief, JOHN A. MULLEN.
 Second Assistant Chief and Chief of District No. 5, NATHAN L. HUSSEY.
 Superintendent of Fire-alarms, BROWN S. FLANDERS.

Assistant Superintendent of Fire-alarms, CYRUS A. GEORGE.
 Superintendent of Repair-shop, HENRY M. HAWKINS.
 Assistant Superintendent of Repair-shop, EUGENE M. BYINGTON.
 Hydraulic Engineer, GREELY S. CURTIS.
 Veterinary Surgeon, GEORGE W. STIMPSON.
 Medical Examiner, RUFUS W. SPRAGUE.
 Purchasing Officer, CHARLES A. STRAW.
 Storekeeper, GEORGE R. WILLIAMS.
 Foreman of Hose and Harness-shop, PATRICK B. HANNON.
 Master Carpenter, THOMAS C. HANEY.
 Master Painter, DAVID J. FITZGERALD.

Clerks.

George F. Murphy, Daniel J. Quinn, Michael J. Lafferty, James P. Maloney.

District Chiefs.

Patrick E. Keyes,	Headquarters,	Ladder-house	2
C. H. W. Pope,	"	"	9
Joseph M. Garrity,	"	"	8
Peter F. McDonough,	"	Engine-house	4
Edwin A. Perkins,	"	"	1
John Grady,	"	"	22
Hiram D. Smith,	"	Ladder-house	12
Edward H. Sawyer,	"	"	4
Williston A. Gaylord,	"	Engine-house	18
John F. Ryan,	"	"	41
Lewis P. Abbott	"	"	28

FORCE AND PAY-ROLL, FEBRUARY 1, 1903.

Commissioner	\$5,000 per annum.
Secretary	2,500 "
Chief of Department	3,500 "
Assistant Chief	2,400 "
Second Assistant Chief	2,200 "
Superintendent of Fire-alarms	3,200 "
Assistant Superintendent of Fire-alarms,	2,000 "
Superintendent of Repair-shop	2,000 "
Assistant Superintendent of Repair-shop,	1,800 "
Hydraulic Engineer	1,600 "

Veterinary Surgeon	2,000	per annum.
Medical Examiner	900	"
Purchasing Officer	1,600	"
Foreman of Hose and Harness Shop	1,400	"
Storekeeper	1,200	"
Master Carpenter	1,300	"
Master Painter	1,300	"
Bookkeeper	1,650	"
3 Clerks	1,400	"
11 District Chiefs	2,000	"
51 Captains	1,600	"
69 Lieutenants	1,400	"
46 Engineers	1,300	"
38 Assistant Engineers	1,200	"
1 Assistant Engineer	1,100	"
2 Assistant Engineers	1,000	"
493 Permanent men.		
371 at	1,200	"
33 at	1,100	"
24 at	1,000	"
41 at	900	"
24 at	720	"
81 Call-men.		
1 at	325	"
12 at	250	"
68 at	200	"
11 Chiefs' Drivers	1 75	per day.
2 " "	2 25	"
2 Watchmen	1,000	per annum.
3 Hostlers (average)	1 95	per day.
1 Horseshoer	3 00	"

FIRE-ALARM FORCE.

6 Operators	\$1,600	per annum.
3 Assistant Operators	1,200	"
1 Foreman of Construction	1,800	"
17 Telegraphers and Linemen (average),	2 94	per day.

REPAIR-SHOP EMPLOYEES.

1 Sanitary Engineer	\$1,300	per annum.
1 Engineer	3 00	per day.
1 Assistant Engineer	2 50	"
1 Painter	3 75	"
1 "	2 50	"

2 Wheelwrights	3 25	per day.
4 Machinists	3 25	"
1 Machinist	3 00	"
1 "	2 75	"
2 Blacksmiths	3 50	"
1 Blacksmith	3 25	"
3 Blacksmiths' Helpers	2 50	"
1 Hose and Harness-repairer	1 50	"
4 Laborers (average)	2 05	"

883 total force.

FIRE DISTRICTS.

The city is divided into twelve fire districts, as follows :

District 1.

All that part of Boston known as East Boston.

District 2.

All that part of Boston formerly known as Charlestown.

District 3.

The territory bounded on the north and east by the water front, on the south by Summer street, and on the west by Washington and Charlestown streets.

District 4.

The territory bounded on the north by the Charles river, on the east by Charlestown and Washington streets, on the south by Winter, Park and Beacon streets, and on the west by the Charles river and Berkeley street.

District 5.

The territory bounded on the north by Beacon, Park, Winter and Summer streets, on the east by Fort Point channel, on the south and west by Broadway, Way, Motte, Castle and Ferdinand streets, Columbus avenue and Berkeley street.

District 6.

All that part of Boston known as South Boston, and running south as far as Dorset and Locust streets.

District 7.

The territory bounded on the north by Berkeley street, Columbus avenue, Ferdinand, Castle, Motte and Way streets and Broadway, on the east by Fort Point channel and South bay, on the south by Massachusetts avenue, and on the west by the Charles river.

District 8.

The territory bounded on the north by the Charles river and Massachusetts avenue, on the east by Washington street, on the south by Atherton and Mozart streets, Chestnut avenue, Sheridan and Centre streets, Hyde square, Perkins, Catalpa and Castleton streets, across Jamaica way to the Brookline line, and on the west by the Brookline line, Beacon and Deerfield streets.

District 9.

The territory bounded on the north by Massachusetts avenue, South bay, Dorset and Locust streets, on the east by Dorchester bay, on the south by Freeport, Hancock, Bowdoin and Quincy streets, Columbia road, and on the west by Seaver street, Columbus avenue and Washington street.

District 10.

That part of Dorchester bounded on the north by Seaver street, Columbia road, Quincy, Bowdoin, Hancock and Freeport streets, on the east by Dorchester bay, on the south by the Neponset river and the Hyde Park line, and on the west by Harvard street and Blue Hill avenue.

District 11.

All that part of Boston known as Brighton, and extending east as far as Deerfield and Beacon streets.

District 12.

All that part of Boston known as West Roxbury, bounded on the north by a line from the Brookline line across Jamaica way to Castleton street, through Castleton, Catalpa and Perkins streets, Hyde square, Centre and Sheridan streets, Chestnut avenue, Mozart and Atherton streets, Columbus avenue and Seaver street, on the east by Blue Hill avenue

and Harvard street, on the south by the Hyde Park and Dedham lines, and on the west by the Newton and Brookline lines.

In all cases where streets are designated as boundaries, the centre of the street will be the dividing line.

ASSIGNMENT OF DISTRICTS.

Each district is placed under the charge of a District Chief, as follows:

District.	Chief in Command.	COMPANIES IN DISTRICTS.				
		Engines.	Chemical Engines.	Ladders.	Combinations.	Water Towers.
1.....	Patrick E. Keyes....	5, 9, 11, 40	7	* 2	4	
2.....	C. H. W. Pope.....	27, 32, 36	9	* 9	5, 7	
3.....	Joseph M. Garrity....	8, 25, 31, 44		* 8, 14		
4.....	Peter F. McDonough..	* 4, 6, 10	1	1	8	1
5.....	Nathan L. Hussey....	7, * 26, 35	2	17		
6.....	Edwin A. Perkins....	* 1, 2, 15, 38, 39, 43	8	5, 18	2, 3	
7.....	John Grady.....	3, * 22, 33	4	3, 13, 15		2
8.....	Hiram D. Smith.....	13, 14, 37	12	* 12	10	
9.....	Edward H. Sawyer..	12, 21, 23, 24	10	* 4	6	
10.....	Williston A. Gaylord..	16, 17, * 18, 19, 20		6, 7	1, 11	
11.....	John F. Ryan.....	29, 34, * 41	6	11		
12.....	Lewis P. Abbott.....	* 28, 30, 42, 45	5	10, 16	9	

* Headquarters of District Chief.

The following property is in charge of the Fire Commissioner:

Houses.

Location.	Number of feet in lot.	Assessed Valuation.	Occupied by
Dorchester and Fourth sts.....	8,160	\$25,800	Engine 1 and Ladder house 5 on this lot.
Corner of O and Fourth sts.....	4,000	16,400	Engine 2.
Bristol st. and Harrison ave.....	4,000	30,000	Engine 3 and Ladder 3.

Houses.—Continued.

Location.	Number of feet in lot.	Assessed Valuation.	Occupied by
Bulfinch st.....	6,098	96,000	Engine 4, Chemical 1 and Tower 1.
Marion st., East Boston	1,647	9,000	Engine 5.
Leverett st.....	2,269	35,000	Engine 6.
East st.....	1,893	35,400	Engine 7.
Salem st.....	2,568	22,800	Engine 8.
Paris st., East Boston	4,730	29,300	Engine 9 and Ladder 2.
River st.....	1,886	20,000	Engine 10.
Saratoga and Byron sts., East Boston	10,000	38,500	Engine 11 and Combination 4.
Dudley st.....	7,320	25,000	Engine 12.
Cabot st.....	4,832	16,000	Engine 13.
Centre st.....	5,713	14,000	Engine 14.
Dorchester ave.....	2,803	20,000	Engine 15.
Corner River and Temple sts.....	12,736	19,200	Engine 16 and Ladder 6.
Meeting House Hill, Dorchester District	9,450	17,300	Engine 17 and Ladder-house 7 on this lot.
Harvard st., Dorchester District	9,440	18,300	Engine 18.
Norfolk st., " "	7,683	14,200	Engine 19.
Walnut st., " "	9,000	16,800	Engine 20 and Combination 11.
Columbia road " "	10,341	17,100	Engine 21.
Warren ave.....	7,500	62,500	Engine 22 and Ladder 13.
Northampton st.....	3,445	13,200	Engine 23.
Corner Warren and Quincy sts.....	4,186	18,100	Engine 24.
Fort Hill sq.....	4,175	88,100	Engine 25, Ladder 8 and Ladder 14.
Mason st.....	5,623	118,000	Engine 26 and Engine 35.
Elm st., Charlestown District.....	2,600	18,000	Engine 27.
Centre st., Jamaica Plain.....	10,377	28,300	Engine 28 and Ladder 10.
Chestnut Hill ave., Brighton District	14,358	37,200	Engine 29 and Ladder 11.
Centre st., West Roxbury District.....	12,251	25,000	Engine 30 and Combination 9.
Bunker Hill st., Charlestown District	8,188	26,300	Engine 32.
Corner Boylston and Hereford sts.....	5,646	66,000	Engine 33 and Ladder 15.
Western ave., Brighton.....	4,637	17,800	Engine 34.
Monument st., Charlestown District	5,068	21,000	Engine 36 and Combination 5.
Corner Longwood and Brookline aves.....	5,231	13,200	Engine 37 and Combination 10.

Houses.—Concluded.

Location.	Number of feet in lot.	Assessed Valuation.	Occupied by
Congress st.....	4,000	37,000	Engine 38 and Engine 39.
Summer st., East Boston.....	4,010	18,000	Engine 40.
Harvard ave., near Cambridge st., Brighton District.....	6,112	25,500	Engine 41 and Chemical 6.
Washington, between Atherton and Beethoven sts.....	3,848	22,900	Engine 42 and Chemical 5.
Andrew sq.....	5,133	20,100	Engine 43 and Combination 3.
Washington, corner Poplar st., Roslindale	14,729	22,400	Engine 45 and Ladder 16.
Church st.....	3,412	23,600	Chemical Engine 2.
Shawmut ave.....	889	5,700	Chemical Engine 4.
Saratoga st., East Boston	9,300	25,600	Chemical Engine 7.
B st.....	1,804	7,800	Chemical Engine 8.
Eustis st.....	1,754	7,500	Chemical Engine 10.
Friend st.....	1,676	34,000	Ladder 1.
Dudley st.....	3,923	26,000	Ladder 4.
Main st., Charlestown	4,290	17,700	Ladder 9 and Chemical 9.
Tremont st.....	4,311	25,700	Ladder 12 and Chemical 12.
Harrison ave.....	2,134	24,100	Ladder 17.
Pittsburgh st., South Boston.....	11,363	29,400	Ladder 18.
Dorchester ave., Ashmont.....	4,875	22,900	Combination 1.
Fourth st.....	3,101	11,000	Combination 2.
Washington st., Dorchester	6,874	21,400	Combination 6.
Winthrop st.....	3,000	13,300	Combination 7.
North Grove st.....	3,918	18,000	Combination 8.

Assessed Valuation.

Fuel-house, Dorchester street, 1,610 feet of land ..	\$3,300.
Fuel-house, Salem street, 417 feet of land ..	3,400.
Fuel-house, Main street, Charlestown, 2,430 feet of land ..	7,200.
Headquarters building and repair-shop, corner of Albany and Bristol streets, 23,679 feet ..	185,000.
Water Tower No. 2 and Wrecking Wagon are in Headquarters building.	
Veterinary Hospital, Atkinson street, 64,442 feet of land ..	36,300.
Fuel-house, Washington, near Dover street, 1,007 feet of land ..	13,500.

Engine Companies.

STEAM FIRE-ENGINES.—Forty-three in service, located as follows: Twelve in City proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury, and three in Brighton.

FIRE-BOAT.—One, located India Wharf.

HOSE-WAGONS.—Forty-three, located as follows: Twelve in City proper, four in East Boston, six in South Boston, five in Roxbury, six in Dorchester, three in Charlestown, four in West Roxbury, and three in Brighton.

No.	Location.	Built by	Put in Service.	Cylinder of	Pump.	Stroke.	Second size.
1	Dorchester, near Fourth, S. B.	Clapp & Jones Mfg. Co.	April 1, 1890	8½	5	7	Third
2	Fourth, cor. O, South Boston.	Manchester Loco. Works.	Nov., 1890	6½	4	8	First
3	Harrison ave., cor. Bristol st.	Clapp & Jones Mfg. Co.	Aug. 22, 1890	9	5½	8	"
4	Bulfinch st.	American Fire Eng. Co.	Feb. 22, 1893	9	5½	8	Second
5	Marion st., East Boston.	Hunneman & Co.	Oct. 14, 1872	7½	4½	8	"
6	Leverett st.	Formerly Relief B., rebuilt by Manchester Loco. Works.	Nov., 1900	7½	4½	8	First
7	East st.	American Fire Eng. Co.	June, 1895	9	5½	8	"
8	Salem st.	Manchester Loco. Works.	March 30, 1896	6½	4½	8	Second
9	Paris st., East Boston.	Formerly Silsby Engine 33, rebuilt by American Fire Eng. Co.	Dec. 20, 1901	8	4½	8	"
10	Mount Vernon, cor. River st.	Manchester Loco. Works.	March 1, 1882	6½	4½	8	"
11	Saratoga, cor. Byron st., E. B.	Amoskeag Mfg. Co.	April 9, 1873	6½	4½	8	"
12	Dudley st.	Manchester Loco. Works.	March 27, 1882	6½	4½	8	"
13	Cabot st.	Clapp & Jones Mfg. Co.	April 1, 1890	8½	5	7	"
14	Centre st.	Amoskeag Mfg. Co.	Sept. 17, 1870	7½	4½	8	"
15	Dorchester ave. and Broadway	American Fire Eng. Co.	Feb., 1893	9	5½	8	First

16	Temple st., Dorchester.	Amoskeag Mfg. Co.	July 1, 1872	7½	4½	8	Second
17	Meeting House Hill, Dorches't.	(Old Engine 27.)	May, 1886	6½	4½	8	"
18	Harvard st., Dorchester.	Amoskeag Mfg. Co.	Nov., 1890	7	4½	8	Third
19	Norfolk st., Dorchester.	Clapp & Jones Mfg. Co.	Dec. 5, 1890	7	4½	7	"
20	Walnut st., Dorchester.	Manchester Loco. Works.	Nov., 1890	6½	4½	8	"
21	Columbia road, Dorchester.	Clapp & Jones Mfg. Co.	Dec. 10, 1893	7	4½	7	"
22	Warren ave.	Rebuilt by American Fire Eng. Co.	Jan., 1901	8	4½	8	Second
23	Northampton st.	Formerly Silsby Engine 6, rebuilt by American Fire Eng. Co.	July 3, 1901	8	4½	8	"
24	Warren, cor. Quincy st.	Clapp & Jones Mfg. Co.	Feb. 24, 1888	7	4½	7	Third
25	Fort Hill sq.	Manchester Loco. Works.	Nov., 1896	7½	4½	8	First
26	Mason st.	La France Fire Eng. Co.	June, 1895	8½	5½	9	Extra first size.
27	Elm st., Charlestown.	Formerly Silsby Engine 40, rebuilt by American Fire Eng. Co.	June 11, 1902	8	4½	8	Second size.
28	Centre st., Jamaica Plain.	Silsby Mfg. Co.	April 29, 1874	7½	4½	8	"
29	Chestnut Hill ave., Brighton.	Hunneman & Co.	Jan. 1, 1891	7	4½	8	"
30	Centre st., West Roxbury.	Clapp & Jones Mfg. Co.	Oct. 6, 1891	7	4½	8	Third
31	Central wharf (spare fire-boat).	Clapp & Jones Mfg. Co.	July 3, 1889	15	9	10	2 sets of pumps 4,700 gallons.*
32	Bunker Hill st., Charlestown.	Manchester Loco. Works.	March 28, 1884	6½	4½	8	Second size.
33	Boylston st.	Manchester Loco. Works.	April 16, 1901	7½	4½	8	"
34	Western ave., Brighton.	Amoskeag Mfg. Co.	Dec., 1899	7½	4½	8	"
35	Mason st.	Manchester Loco. Works.	Jan., 1898	9½	5½	8	Double extra first size.
36	Monument st., Charlestown.	Self-propeller.	Dec., 1890	6½	4	8	Third size.
37	Longwood ave.	Manchester Loco. Works.	March, 1896	6½	4½	8	Second
38	Congress st., South Boston.	Manchester Loco. Works.	June, 1897	9½	5½	8	Double extra first size.
39	Congress st., South Boston.	Self-propeller.	June, 1897	9½	5½	8	First size.
40	Sumner st., East Boston.	Formerly Silsby Engine 16, rebuilt by American Fire Eng. Co.	June 14, 1901	8½	5	8	"
			June 30, 1902	8	4½	8	Second size.

Engine Companies. — *Continued.*

No.	Location.	Built by	Put in Service.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Third size.
41	Harvard ave., Brighton.....	Clapp & Jones Mfg. Co.,	Feb., 1893	7	4½	7	Third size.
42	Washington, between Atherton and Beethoven sts.....	American Fire Eng. Co.,	Feb., 1893		Rotary.	7	"
43	Andrew sq., South Boston.....	Clapp & Jones Mfg. Co.,	March 3, 1893	7	4½	7	"
44	India wharf (Fire-boat).....	American Fire Eng. Co.,	Aug., 1895	12½ H. P.	10	10	2 sets of pumps 6,520 gallons.*
45	Washington, corner Poplar st., Roslindale.....	American Fire Eng. Co.,	Jan., 1895	18 L. P. 10	7	7	Third size.

* At 225 revolutions per minute.

In Reserve.

No.	Location.	Built by	Put in Service.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Third size.
A	Old 8.....	Freeman & Juckett.....	April 26, 1890	7½	4½	8	Second size.
B	Old 39.....	Clapp & Jones Mfg. Co.,	April, 1890	9	5½	8	"
C	Old 17 (Crane neck).....	Manchester Loco. Works,	Dec., 1879	6½	4½	8	"
D	Old 4 (Straight frame).....	Amoskeag Mfg. Co.,	Sept., 1870	7½	4½	8	"
E	Old 1.....	Amoskeag Mfg. Co.,	Nov., 1877	7½	4½	8	"
F	Old 25.....	Amoskeag Mfg. Co.,	Sept., 1872	7½	4½	8	"
G	Old 37.....	Clapp & Jones Mfg. Co.,	Nov., 1890	9	5½	8	First
H	Old 33.....	Amoskeag Mfg. Co.,	July, 1897	7½	4½	8	Second
I	Old 23.....	Clapp & Jones Mfg. Co.,	Aug., 1890		Rotary.	8	First
	Old 5.....	Slisly Mfg. Co.,	Sept. 12, 1890		4½	8	Second
		Amoskeag Mfg. Co.,	Nov., 1897	7½	4½	8	"
		Manchester Loco. Works (Built in 1884.).....	May, 1902	8½	5	8	First

Also five hose wagons.

Chemical Companies.

CHEMICAL ENGINES. — Ten in service, self-acting, located as follows: Three in the City Proper, one in East Boston, one in Charlestown, one in South Boston, two in Roxbury, one in West Roxbury, and one in Brighton.

Number.	Location.	Builders.	Put in Service.	Capacity.
1.....	Bulfinch st.....	Babcock Manufacturing Co.,	Oct., 1890	Gals. 100
2.....	Church st.....	"	April 25, 1874	160
4.....	Shawmut ave.....	Rebuilt by Hinman in 1886.....	Used as a spare engine and put in service Dec. 20, 1895	100
5.....	Washington, between Atherton and Beethoven sts.....	Altered by Hinman.....	Sept. 21, 1876	170
6.....	Harvard ave., near Cambridge st., Brighton,	"	May 1, 1876	160
7.....	Saratoga st., East Boston.....	"	Sept. 27, 1886	100
8.....	B st., South Boston.....	"	Oct. 27, 1887	160
9.....	Main st., Charlestown.....	"	July 17, 1889	100
10.....	Rustus st.....	"	Sept. 13, 1889	100
12.....	Tremont st.....	Charles T. Holloway.....	Sept., 1896	80

In Reserve.

No.	Location.	Builders.	Put in Service.	Capacity.
A.....	Old Chemical 2.....	Charles T. Holloway.....		100
B.....	Old Chemical 1.....	"		100
C.....	Spare.....	Babcock Manufacturing Co.,		100

Ladder Companies.

Ladder Trucks. — Eighteen in service, including five extension ladder trucks, located as follows: Seven in City Proper, one in East Boston, two in Roxbury, two in South Boston, two in Dorchester, one in Charlestown, two in West Roxbury, and one in Brighton.

Number.	Location.	Builders.	Put in Service.	Number of Ladders.
1.....	Friend st.....	Hunnehan & Co. Rebuilt by Charles Waugh & Co.	Aug. 24, 1901	12
2.....	Paris st., East Boston.....	Rebuilt by T. Strangman & Son.	1899	12
3.....	Harrison ave., cor. Bristol st.....	Abbott-Downing Co.	June 2, 1897	14
4.....	Dudley st., Roxbury.....	"	April 27, 1894	13
5.....	Fourth, near Dorchester st.....	Hunnehan & Co. Rebuilt by Charles Waugh & Co.	Nov. 4, 1902	17
6.....	River st., Dorchester.....	Hunnehan & Co.	Aug. 18, 1873	17
7.....	Meeting House Hill.....	C. T. Holloway & Co.	July 28, 1898	10
8.....	Fort Hill sq.....	Fire Department Repair-shop.....	Aug. 23, 1898	12
9.....	Main st., Charlestown.....	Leverich & Co., N.Y.	Oct. 6, 1872	15
10.....	Centre st., Jamaica Plain.....	Hunnehan & Co.	Dec. 21, 1870	12
11.....	Cassett Hill ave., Brighton.....	"	April 13, 1872	14
12.....	Tremont st., Roxbury.....	Ryan Bros.	July 31, 1880	15
13.....	Warren ave.....	La France Fire Engine Co., Elmira, N.Y.	March 12, 1890	Hayes Extension
14.....	Fort Hill sq.....	Fire Extinguisher Manufacturing Co. Chicago,	Jan. 30, 1893	Extension
15.....	Boylston st.....	"	April 28, 1888	Extension
16.....	Washington, cor. Poplar st., Roslindale.....	Repair-shop.....	Sept., 1888	15
17.....	Harrison ave.....	Preston Co., Chicago.....	April 29, 1891	Extension
18.....	Pittsburgh st.....	International Fire Engine Co.	Oct. 14, 1902	87 feet Extension

In Reserve.

Description.	Builders.
Relief B., old 8.....	Fire Department Repair-shop.
Old Ladder 11.....	Hunnehan & Co. Rebuilt as Combination in 1900.
" " 14.....	La France Fire Engine Co., Elmira, N.Y.
" " 2.....	Abbott & Downing.
	Extension.

Combination Companies.

COMBINATION TRUCKS. — Nine in service, located as follows: One in City Proper, one in East Boston, one in Roxbury, two in South Boston, one in Charlestown, two in Dorchester, and one in West Roxbury.

COMBINATION WAGONS. — Two in service, located as follows: One in Dorchester and one in Charlestown.

Number.	Location.	Built by	Put in Service.	Capacity.
1.....	Dorchester ave., Ashmont.....	Charles T. Holloway.....	March, 1892	Gals.
2.....	Fourth st., South Boston.....	Fire Extinguisher Mfg. Co.	Jan., 1898	70
3.....	Andrew sq., South Boston.....	Charles N. Perkins & Co.	Dec. 30, 1902	70
4.....	Saratoga, cor. Byron st., E.B.	Charles T. Holloway.....	Jan., 1898	70
5.....	Monument st., Charlestown.....	"	Jan., 1898	70
6.....	Washington st., Charlestown.....	Fire Extinguisher Mfg. Co.	Nov. 8, 1898	70
7.....	Windrop st., Charlestown.....	"	April 29, 1898	70
8.....	North ave., Dorchester.....	"	Nov. 1, 1899	70
9.....	Centre st., West Roxbury.....	Charles T. Holloway & Co.	April 25, 1900	70
10.....	Longwood ave.....	"	Oct., 1901	70
11.....	Walnut st., Dorchester.....	Charles N. Perkins & Co.	Nov., 1901	70

One spare.

EXPENDITURES FOR THE YEAR.

Salaries	\$989,416 45
Repairs of apparatus	40,376 20
“ “ houses	18,941 98
New apparatus	11,353 52
“ hose	18,110 37
Repairs of hose	850 12
Fuel	30,146 88
Electric and gas-lighting	11,484 30
Printing and stationery	2,368 08
Furniture and bedding	2,938 75
Small supplies	8,775 48
Horses — purchase and exchange	8,584 77
Horse-hire and keeping	3,038 21
Hay, grain and straw	43,181 60
Washing	3,641 95
Shoeing	17,528 73
Harnesses and repairs	2,995 20
Oils, chemicals, etc.	2,889 39
Hats, badges and buttons	1,025 91
Ladders and repairs	189 33
Tools for repair-shop and mechanics	744 30
Extra service	1,548 93
Reservoirs and hydrants	45 32
Contingencies	5,606 72
Pensions	64,478 63
Rent for buildings, telephones, etc.	8,365 01
Construction and material, fire-alarm branch,	7,260 72
Underground construction	11,514 35
Salt water fire-service	1 19
	<u>\$1,317,402 39</u>

INCOME.

Sale of manure	\$20 00
Rent	40 00
Old material	500 88
Licenses for the sale of fireworks and gun- powder	1,004 00
Bath department, steam for Dover street bath- house	6,452 10
	<u>\$8,016 98</u>

MONTHS. 1902-1903.	ALARMS RECEIVED. FROM WHOM.						LOSS.		INSURANCE.		ALARMS. TELEGRAPH. STILL.				BUILDINGS.									
	Members.	Police.	Citizens.	Telephone.	Automatic.	Unknown.	Total.	Buildings.	Contents.	Buildings.	Contents.	Fire.	False.	Needless.	Fire.	Needless.	Not in buildings.	Out of city.	Slight damage.	Considerable damage.	Totally destroyed.			
JAN 1902.	10	24	183	17	6	4	214	\$40,384	\$166,921	\$2,427,914	\$918,900	107	4	9	83	11	121	2	64	3	39	72	15	1
February	2	16	137	4	6	1	168	44,966	75,116	771,000	282,275	79	5	7	65	10	106	1	33	2	34	62	11	2
March	5	27	153	12	11	3	211	22,970	21,789	1,298,305	111,560	112	6	10	63	20	119	2	51	3	36	74	12	2
April	12	24	160	8	7	3	214	41,812	78,463	732,290	334,765	110	5	12	72	15	147	4	31	...	65	80	9	1
May	7	38	185	11	7	1	249	26,002	51,890	1,404,734	344,083	137	2	6	94	10	151	4	73	3	70	77	12	5
June	10	28	218	10	12	8	296	49,778	114,268	1,326,500	315,913	150	12	9	108	17	177	8	72	1	67	102	17	7
July	4	18	126	9	11	2	180	17,707	25,454	702,849	166,568	97	2	6	54	21	139	5	14	2	65	65	10	2
August	2	13	119	7	4	5	150	41,085	34,965	591,400	233,225	75	5	5	51	14	108	3	13	3	44	60	9	8
September	7	9	150	8	5	187	14,545	18,147	690,573	188,350	108	5	3	50	21	141	2	14	1	57	82	10	...	...
October	9	19	161	12	4	3	208	26,076	39,613	1,057,557	155,880	101	3	9	81	14	146	3	32	1	50	83	9	1
November	13	30	194	16	21	16	290	106,632	261,463	1,318,077	1,544,647	133	17	10	95	35	212	3	11	2	77	123	19	2
December	4	24	185	12	14	12	251	110,203	282,448	1,246,175	871,172	133	12	11	69	25	157	2	10	3	65	108	15	3
JANUARY 1903.	85	289	1,951	126	111	63	2,616	\$592,170	\$1,170,449	\$13,486,936	\$5,487,078	1,242	78	97	883	214	17,455	39,419	24	678	888	148	34	34
Totals																								

1309 63 90 88

2543

CAUSES OF FIRES AND ALARMS FROM FEBRUARY 1, 1902,
TO FEBRUARY 1, 1903.

Alarms, accidental automatic	96
" false	78
" out of city	24
Ashes, hot, in wooden receptacle	39
Boiling over of fat or tar	32
Bonfires, grass, rubbish, etc., set by boys	362
Boys breaking windows	1
Careless use of lamps, candles, etc.	48
" " pipes and cigars in smoking	47
Chimneys, soot burning	98
" defective	39
Clothes too near stove	9
Cry of "Help" mistaken for fire	1
Defective flue	12
" stove-pipe	4
" furnace	6
" fireplace	6
" oven	2
" automobile	1
" gas-pipe	14
Electric motor igniting car	4
" wires	32
Explosion and ignition of chemicals	8
Fireworks	30
Friction	4
Fumigating	6
Gas, explosion of	3
" jet setting fire	39
" stove, careless use of, and explosion	16
Hot iron igniting woodwork	3
Incendiary	47
" supposed	21
Kerosene used to light fire	1
Lamp explosion	53
" upsetting and breaking	71
Light mistaken for fire	16
Lightning	3
Matches and rats	24
" children	82
" careless use of	163
Meat burning on stove	6
Naphtha, careless use of, and ignition	29
Oil stove, careless use of, and explosion	92

Overheated boiler or steam-pipe	19
" stove or furnace	41
Plastering, drying	6
Plumber's stove upsetting	6
Set by boys	87
Slacking of lime	1
Smoky chimneys	48
" stove or furnace	68
Sparks from another fire	3
" " boiler	6
" " chimney	41
" " engine or locomotive	29
" " forge	10
" " furnace or stove	22
" " open grate	2
" " trolley wire	1
Spontaneous combustion	58
Steam escaping	9
Train wreck	1
Unknown	465
Water-pipes, thawing out	19
Water-back bursting	2
Total	2,616

Extinguished by

Extinguishers	420
Buckets of water	276
Chemical engines	450
Hydrant stream	198
Steamers	381
Miscellaneous, brooms, stamping out and smothering,	171
Citizens	301
Sprinklers	6

Summary of construction, extension, renewal and repair work done for the maintenance and operation of the Fire-alarm branch for the year ending January 31, 1903:

Overhead wire used, chiefly for rebuilding the lines in Charlestown and	
East Boston	366,960 feet.
Old wire taken down	385,440 "
Cable run overhead	9,070 "
Conductors in same	54,521 "
Overhead cable taken down	4,295 "

Conductors in same	24,376	feet.
Underground cable laid in N. E. tele- phone ducts	13,524.9	"
Ducts put in by this department	3,257	"
Total ducts owned by city	16,537.8	"
Total underground cable laid	19,471	"
Conductors in same	493,375	"
Total cable under ground February 1, 1903	193,461.5	"
Conductors in same	5,228,218.9	"
Service connections	15	
Boxes rebuilt	72	
Cross-arms used	730	
New boxes added to service, including 15 with auxiliary attachment	18	
Boxes changed to keyless door	2	
Boxes changed to lamp-posts	5	
New lamp-posts set	11	
Lamp-posts set to replace posts broken by accident, Boxes in service	6 647	
Bell alarms struck in year ending December 31, 1902	1,566	
Blows struck on bells, gongs and tappers	10,734,147	

ALARM BELLS.

The Fire-alarm Telegraph is connected with the following bells:

Adams School-house, Sumner street, East Boston, steel, 2,995 lbs., owned by city.
Bunker Hill School-house, Charlestown, composition, 2,009 lbs., owned by city.
City Hall, Charlestown, composition, 3,600 lbs., owned by city.
Engine-house No. 16, Temple street, Dorchester, composition, 4,149 lbs., owned by city.
Engine-house No. 17, Meeting House Hill, Dorchester, composition, 4,000 lbs., owned by city.
Engine-house No. 19, Mattapan, Dorchester, composition, 2,927 lbs., owned by city.
Engine-house No. 20, Walnut street, Dorchester, composition, 3,061 lbs., owned by city.
Engine-house No. 28, West Roxbury, composition, 4,000 lbs., owned by city.
Engine-house No. 29, Brighton, steel, 1,535 lbs., owned by city.

Engine-house, Mt. Vernon street, West Roxbury, steel, 1,000 lbs., owned by city.
Engine-house No. 34, Brighton, composition, 1,501 lbs., owned by city.
Engine-house No. 41, Allston, composition, 900 lbs., owned by city.
Engine-house No. 45, Roslindale, composition, 1,059 lbs., owned by city.
Lewis School-house, Dale street, Roxbury, composition, 3,104 lbs., owned by city.
Maverick-street Church, East Boston, composition, 2,000 lbs.
Princeton-street School-house, East Boston, composition, 2,470 lbs., owned by city.
Saratoga-street M. E. Church, East Boston, steel, 1,968 lbs., owned by city.
Warren School-house, Charlestown, composition, 3,000 lbs., owned by city.

Bells owned by the city, which have been disconnected from service, are located as follows:

Berkeley Temple, composition, 2,941 lbs. Formerly used on Quincy School-house.
Chapman School-house, steel, 3,109½ lbs., taken down and stored by Public Buildings Department.
Engine-house No. 1, Dorchester street, South Boston, composition, 2,911 lbs.
Engine-house No. 2, composition, 800 lbs.
Engine-house No. 18, Harvard street, Dorchester, composition, 3,184 lbs.
Engine-house, No. 21, Columbia road, Dorchester, composition, 3,026 lbs.
Faneuil Hall, steel, 5,816 lbs.
Ladder-house No. 4, Dudley street, Roxbury, composition, 3,509 lbs.
Lawrence School-house, B street, South Boston, steel, 3,400 lbs.
Lincoln School-house, Broadway, South Boston, composition, 3,110 lbs.
Smith-street School-house, Roxbury, composition, 4,083 lbs.
Ticknor School-house, Dorchester street, Washington Village, steel, 2,995 lbs.
Trinity Church, Trenton street, East Boston, composition, 1,760 lbs. Formerly used on Castle-street Church.
Van Nostrand's Brewery, Charlestown, composition, 818 lbs. Formerly used on Boylston School-house.
Wells School-house, Blossom street, composition, 1,675 lbs.
Winthrop School-house, Charlestown, composition, 3,000 lbs.

PUBLIC CLOCKS.

The following public clocks, thirty-eight in number, are taken care of by the Fire Department:

City Proper.

Arlington-street Church.
 Charles-street Church.
 Christ Church, Salem street, owned by city.
 Commercial Wharf.
 Odd Fellows' Hall, Tremont street, owned by city.
 Old South Church, owned by city.
 Old State House, owned by city.
 Park-street Church.
 Suffolk County Jail, owned by city.
 St. Stephen's Church, Clark street, owned by city.
 Shawmut-avenue Church.
 Tremont M. E. Church, owned by city.
 Young Men's Christian Union, owned by city.

South Boston.

Gaston School-house, owned by city.
 Lincoln School-house, owned by city.
 Phillips Church, owned by city.
 St. Augustine Church, Dorchester street, owned by city.
 Ticknor School-house, Washington Village, owned by city.

East Boston.

Central-square Church.
 London-street Church, owned by city.
 Lyceum Hall, owned by city.
 Trinity Church, owned by city.
 Orient Heights Church, owned by city.

Roxbury.

Winthrop-street, Church, owned by city.
 Boston Elevated Railway Car-house, Columbus avenue.

Dorchester.

Baker Memorial (Upham's Corner), owned by city.
 Neponset Church.
 Tileston school (Mattapan), owned by city.
 Unitarian Church (Milton Lower Mills).

Charlestown.

Bunker Hill Church.
 City Hall, owned by city.
 Harvard Hill Church.
 High School-house, owned by city.
 Unitarian Church.

West Roxbury.

Dr. Strong's Church, (South Evangelical), owned by city.
 Unitarian Church, Jamaica Plain, owned by city.
 Congregational Church (Roslindale), owned by city.

Brighton.

Bennett School-house, owned by city.

The following Fire-alarm boxes are private property: 113, 117, 119, 149, 152, 161, 163, 164, 166, 212, 223, 227, 228, 244, 271, 281, 283, 297, 299, 342, 422, 434, 442, 443, 445, 446, 447, 448, 449, 466, 467, 468, 495, 511, 533, 617, 619, 624, 629, 698, 711, 714, 715, 716, 718, 722, 724, 725, 727, 728, 729, 731, 732, 733, 734, 735, 736, 737, 739, 741, 742, 744, 745, 746, 755, 758, 759, 762, 766, 767, 773, 778, 779, 789, 791, 792, 793, 794, 795, 796, 797, 799, 816, 828, 838, 842, 864, 865, 919, 927, 967, 969, 971, 974.

Your obedient servant,

HENRY S. RUSSELL,
Commissioner.