

REPORT  
OF THE  
CITY AUDITOR  
OF THE  
RECEIPTS AND EXPENDITURES  
OF THE  
CITY OF BOSTON AND THE COUNTY OF SUFFOLK,  
COMMONWEALTH OF MASSACHUSETTS,  
FOR THE FINANCIAL YEAR  
1897-98.

---

FEBRUARY 1, 1897, TO JANUARY 31, 1898.  
(BOTH INCLUDED.)

---

CITY DOCUMENT No. 3.

---



BOSTON:  
MUNICIPAL PRINTING OFFICE.  
1898.

# FIRE DEPARTMENT AND FIRE-ALARM TELE- GRAPH.

YEAR.	Apparatus in Service.				Men.	Repairs, Fire Department Buildings.	Erection, Fire Department Buildings.
	S.E.	H.C.	C.E.	H&L		Amount.	Amount.
1888-89.....	34	8	9	16	738	\$27,241 22	\$30,377 65
1889-90.....	34	9	10	16	757	25,149 51	20,197 80
1890-91.....	38	8	10	16	774	29,293 03	99,046 37
Nine months ending January 31, 1892 ..	40	6	10	17	763	26,173 09	54,158 39
1892-93.....	43	6	10	17	835	39,248 01	51,857 62
1893-94.....	43	5	<sup>2</sup> 11	17	794	15,665 45	69,018 28
1894-95.....	44	4	11	17	786	19,587 89	57,741 19
1895-96.....	44	2	13	17	792	63,503 02	40,987 52
1896-97.....	44	1	14	17	805	21,160 41	10,349 33
1897-98.....	44	1	14	<sup>3</sup> 20	849	30,351 60	21,691 09

In addition to the above there are 2 Water Towers in service.  
<sup>1</sup> Fire-boat included.  
<sup>2</sup> Includes 2 Combination Wagons.  
<sup>3</sup> Includes 3 Combination Trucks.

# FIRE DEPARTMENT.

*The following property is in charge of the Commissioner of the Fire Department.*

## ENGINE-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Dorchester st.....	5,698	Addition built 1874. Municipal Court, Ward-room 15, in this building.
2.....	Cor. of O and Fourth sts...	4,000	
3.....	Bristol st. and Harrison av.	4,000	Ladder 3 in this building.
4.....	Bulfinch st. ....	6,098	Chemical Engine 1, Lancers' Armory, and water-tower in this building.
5.....	Marion st., East Boston....	1,647	
6.....	Leverett st.....	2,269	
7.....	East st. ....	1,893	
8.....	Salem st.....	2,568	
9.....	Paris st., East Boston ....	4,720	Ladder 2 in this building.
10.....	River st.....	1,886	
11.....	Saratoga and Byron sts....	10,000	Combination Co. 4 in this b'ld'g.
12.....	Dudley st. ....	7,320	
13.....	Cabot st. ....	4,832	Remodelled, 1870.
14.....	Centre st. ....	5,713	
15.....	Dorchester ave., S. Boston.	2,843	
16.....	River st., Dorchester.....	12,736	Ladder 6 in this building.
17.....	Meeting-house Hill, Dorchester.....	9,450	Ladder-house 7 on this lot.
18.....	Harvard st., Dorchester...	10,225	
19.....	Norfolk st., " ....	7,683	
20.....	Walnut st., " ....	9,000	
21.....	Boston st., " ....	9,355	
22.....	Dartmouth st.....	4,463	
23.....	Northampton st.,.....	3,445	
24.....	Corner Warren and Quincy sts.....	4,186	
25.....	Fort Hill sq. ....	4,175	Ladders 8 and 14 in this building.
26-35...	Mason st. ....	5,623	
27.....	Elm st., Charlestown.....	2,600	
28.....	Centre st., West Roxbury.	10,377	Ladder 10 in this building.
29.....	Chestnut Hill ave., Brighton .....	14,358	Ladder 11 in this building.
30.....	Mt. Vernon st., W. Rox.....	16,275	
32.....	Bunker Hill st.....	8,188	
33.....	Cor. Boylston and Hereford sts.....	5,646	Ladder 15 in this building.

ENGINE-HOUSES. — *Continued.*

	LOCATION.	No. of feet in lot.	Remarks.
34.....	Western ave., Brighton....	4,637	Combination Co. 5 in this b'ld'g.
36.....	Monument st.....	5,668	
37.....	Cor. Longwood and Brook- line aves.....	5,400	
38-39...	Congress st., S. B.....	4,000	Chemical Engine 3 in this b'ld'g.
40.....	Sumner st., East Boston...	4,010	Remodelled, 1870.
41.....	Harvard ave., Brighton....	6,112	Chemical Engine 6 in this b'ld'g.
42.....	Washington st., Egleston sq.....	3,848	Chemical Engine 5 in this b'ld'g.
43.....	Andrew sq.....	5,133	Combination Co. 3 in this b'ld'g.
45.....	In Ladder-house 16.....		
<b>CHEMICAL ENGINE-HOUSES.</b>			
No. 2.....	Church st.....	3,412	
4.....	Shawmut ave.....	889	
7.....	Chelsea st.....	1,346	
8.....	B st., South Boston.....	1,804	
10.....	Eustis st.....	1,754	
11.....	North Grove st.....	3,918	

## HOSE-HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 3.....	Winthrop st., Chsn. ....	3,000	Armory in building.
Combina- tion Wag- on No. 1..	Dorchester ave., Ashmont,	4,875	
Combina- tion Wag- on No. 2..	Fourth st.....	3,101	Remodelled, 1870.

## HOOK-AND-LADDER HOUSES.

	LOCATION.	No. of feet in lot.	Remarks.
No. 1.....	Friend st.....	1,676	
2.....	Paris st., East Boston .....		See Engine-house 9.
3.....	Harrison ave.....		See Engine-house 3.
4.....	Dudley st.....	3,923	
5.....	Fourth st.....	2,469	
6.....	River st., Dorchester .....		See Engine-house 16.
7.....	Meeting-house Hill.....		See Engine-house 17.
8-14...	Fort Hill sq.....		See Engine-house 25.
9.....	Main st., Charlestown....	4,290	Chemical 9 in this building.
10.....	Centre st., West Roxbury..		See Engine-house 28.
11.....	Chestnut Hill av., Brighton		See Engine-house 29.
12.....	Tremont st.....	4,350	Chemical 12 in this building.
13.....	Washington st., near Dover	1,007	
14.....	Fort Hill sq.....		See Engine-house 25.
15.....	Boylston, cor. Hereford st.,		Engine 33 in this building.
16.....	Roslindale .....	14,729	Engine 45 in this building.
17.....	Harrison ave.....	2,134	

## MISCELLANEOUS.

	LOCATION.	No. of feet in lot.	Remarks.
Repair-shop .....	Bristol st. }		
Fire Dept. H'dquarters,	Bristol st. } .....	23,663	
Fuel-house .....	Salem st. ....	417	
Fuel-house .....	Main st., Ch's'n. ....	2,430	
Ladder-house .....	Washington st., Dor.,	6,874	
Fuel-house .....	Dorchester st. ....	1,610	
Engine-house .....	Centre st., W. R. ....	12,251	

**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 District; six in Dorchester; three in Charlestown; four in West Roxbury, and three in Brighton.

**FIRE-BOAT.** — One, located India Wharf.

**HORSE HOSE CARRIAGES AND WAGONS.** — Forty-four, located as follows, viz.: Twelve in city proper; four in East Boston; six in South Boston; five in Roxbury; six in Dorchester; four in Charlestown; four in West Roxbury, and three in Brighton.

**HOOK AND LADDER CARRIAGES.** — Seventeen in service, including five extension ladder trucks, located as follows, viz.: Seven in city proper; one in East Boston; two in Roxbury; one in South Boston; two in Dorchester; one in Charlestown; two in West Roxbury, and one in Brighton.

**COMBINATION TRUCKS.** — Three in service, located as follows: one in East Boston; one in South Boston; one in Charlestown.

**COMBINATION WAGONS.** — Two in service, located as follows: One in Dorchester; one in South Boston.

**CHEMICAL ENGINES.** — Twelve in service, self-acting, located as follows: Four in the city proper; one in East Boston; one in Charlestown; one in South Boston; three in Roxbury; one in West Roxbury, and one in Brighton.

**WATER-TOWERS.** — Two, located in city proper.

**PORTABLE EXTINGUISHERS.** — Carried on all of the ladder trucks and hose wagons and located in the department houses.

**HORSES.** — Three hundred and twenty-four.

**FUEL-WAGONS.** — Thirty-nine, each capable of conveying about two tons.

**WAGONS.** — Seventeen for chief of department and district chiefs (fourteen in service and three in reserve) and one buggy.

**PUNGS.** — Forty-eight; forty-three for carrying hose, two for jobbing and three for Fire-alarm branch. District chiefs' sleighs, seven.

**FIRE LADDERS.** — Two hundred and seventy-five, of different sizes.

**HOSE.** — 110,000 feet of leading and 1,229 feet of suction.

**SPARE APPARATUS.** — Nine steam fire-engines, four hose-carriages, five hook-and-ladder carriages, two chemical engines, one hose-pung, one salt-pung, seven hose-wagons and one fire-boat, now undergoing alterations.

**RESERVOIRS.** — Two hundred and fifteen, of which thirteen are located at East Boston; seventeen at South Boston; forty-one in Roxbury; eight in Dorchester; thirty-eight in Charlestown; fifteen in West Roxbury; one in Brighton, and the balance in the different wards of the city proper. They contain from 15,000 to 55,000 gallons each, and are supplied with Cochituate water, except in West Roxbury and Brighton.

**REPAIR-SHOP.** — In the repair-shop, one 25-horse-power steam-engine, cylinder, 9 by 31 inches, Putnam Machine Company; one 26-inch by 26-inch iron planer, 8-ft. table, 12-ft. bed; two 14-inch swing engines lathes, 6-ft. bed; one 14-inch swing engine lathe, 10-ft. bed; one, No. 2 upright drill; four blacksmith's forges; one furnace for heating tires; one 28-inch swing standard engine-lathe; one 14-inch speed lathe, 5-ft.

bed; one 14-inch swing patent engine-lathe, 5-ft. bed; one 25-inch shaping machine; one 68-inch radial drill; one duplex and one Blake pump for feeding boilers; one Knowles triplex pump for testing hose; one patent goose-neck belt drill; one band saw; one circular saw; one monarch boring machine; together with numerous smaller tools and appliances and also tools for repairing hose and harness.

Three upright tubular boilers, 100-horse power.

Two dynamos for lighting and fire alarm; one tire upsetter in the blacksmith shop; one No. 2 Blake pump in the hose and harness shop for testing hose.

HYDRANTS. — For supplying water in cases of fire 7,166. viz.: in the city proper, 1,503; in South Boston, 606; in East Boston, 417; in Roxbury, 1,160; in Dorchester, 1,630; in West Roxbury, 966; in Brighton, 510; in Charlestown, 343; on Deer Island, 18; on Long Island, 6; on Thompson's Island, 2; on Gallop's Island, 1, and on Rainsford Island, 4. The hydrants are located at a distance of 250 to 300 feet from each other.

#### FIRE-ALARM BRANCH.

Telegraphic Fire-Alarm Plant, the estimated value of which is \$172,000.

#### BELLS OWNED BY THE CITY.

LOCATION.	Material.	Weight in lbs.
<i>City Proper.</i>		
Faneuil Hall.....	Steel.	5,816
Quincy School-house, Tyler street .....	Composition.	2,941
Wells School-house, Blossom street .....	"	1,675
<i>Charlestown.</i>		
Bunker Hill School-house.....	Composition.	2,009
City Hall .....	"	3,600
Warren School-house .....	"	3,000
Winthrop (old) School-house.....	"	3,000
Van Nostrand's Brewery.....	"	818
<i>East Boston.</i>		
Adams School-house, Webster street.....	Steel.	2,995
Chapman School-house, Eutaw street .....	"	3,109
Engine-house No. 40, Orleans street .....	Composition.	817
Princeton-street School-house.....	"	2,470
Saratoga-street M. E. Church.....	Steel.	1,968
Trinity Church, Trenton street.....	Composition.	1,760
<i>South Boston.</i>		
Engine-house No. 1, Dorchester street.....	Composition.	2,911
Engine house No. 2, Fourth street .....	"	800
Lawrence School-house, B street .....	Steel.	3,400
Lincoln School-house, Broadway.....	Composition.	3,110
Ticknor School-house, Dorchester street.....	Steel.	2,995
<i>Dorchester.</i>		
Engine-house No. 16, Temple street.....	Composition.	4,149
Engine-house No. 17, Meeting-house Hill .....	"	4,000
Engine-house No. 18, Harvard street.....	"	3,184
Engine-house No. 19, Mattapan.....	"	2,927
Engine-house No. 20, Walnut street .....	"	3,061
Engine-house No. 21, Boston street.....	"	3,026
<i>Roxbury.</i>		
George-street School-house.....	Composition.	4,160
Hook-and-Ladder-house No. 4, Dudley street .....	"	3,509
Lewis School-house .....	"	3,104
Smith-street School-house .....	"	4,083
<i>West Roxbury.</i>		
Engine-house No. 28, Centre street .....	Composition.	4,000
Engine-house No. 30, Mt. Vernon street.....	Steel.	1,000
Engine-house No. 45, Roslindale.....	Composition.	1,059
<i>Brighton.</i>		
Engine-house No. 29, Chestnut Hill avenue.....	Steel.	1,535
Engine-house No. 34, Western avenue.....	Composition.	1,501
Engine-house No. 41, Allston.....	"	900

**AT FIRE-ALARM REPAIR-SHOP.**

Bell formerly used on house of Chemical Engine 5; one composition bell, 400 lbs., formerly used on house of Chemical Engine 4, Roslindale; one composition bell, 400 lbs., formerly used on house of Chemical Engine 6; and two small bells from other locations.