

TENTH
ANNUAL REPORT

OF THE

Boston Protective Department,

FROM MARCH 1, 1883, TO MARCH 1, 1884.

BOSTON:
PRESS OF DELAND AND BARTA,
54 PEARL STREET.
1884.

SUPERINTENDENT AND FIRE MARSHAL'S REPORT.

HEAD-QUARTERS BOSTON PROTECTIVE DEPARTMENT, }
OFFICE OF SUPT., NO. 5 HAMILTON ST. }

BOSTON, March 1, 1884.

TO THE PRESIDENT AND DIRECTORS OF THE DEPARTMENT :

GENTLEMEN : — I herewith submit the Tenth Annual Report of this Department, for the year ending March 1, 1884.

The report embraces, in the annexed tables, the roster of the officers and members of the department; resignations and appointments; a monthly statement of the alarms of fires, and duty performed by the department, together with the amount of insurance and loss on buildings and contents, a classification of covers spread, the districts where the alarms of fire were given, the causes of fires and alarms, a comparison of losses and premiums received, a statement of benefits paid to members of this department from the Boston Firemen's Relief Fund on account of sickness. Up to May 10, 1883, the organization of the department continued the same as last year. But at the fires Dec. 30, 1882, Nos. 161 and 165 Pearl Street; and April 6, 1883, Hotel Berkeley, the fact was demonstrated that to place the department on a permanent basis in the city proper would be for the best interests of the Insurance Companies. Therefore upon the above date the organization of the department was changed by the appointing of eight (8) permanent men, "four to each company," since which time the efficiency of the department has been improved.

The expenses of the department have been increased, owing to the above change in the organization, and the purchasing of one hundred (100) covers, which was necessary owing to the large quantity that the department have been obliged to spread at fires, also to the purchasing of a new wagon for the superintendent, and a new pung for Company No. 2.

Four (4) covers were destroyed at the fire 101 and 103 West Canton Street, Sept. 12, 1883, owing to the side wall of brick

building falling on to the frame ell of the adjoining dwelling and burying the covers.

In conclusion, I desire to express my sincere thanks to the President, James Sword, Esq., and the Board of Directors, for their uniform kindness and coöperation, and also to the officers and members of this department for their promptness in the faithful discharge of their duties; also to the Board of Fire Commissioners, Chief Engineer Green and Assistant Engineers, Superintendent Flanders of the Fire Alarm Department, and all the officers and members of the Boston Fire Department, together with the officers and members of the Boston Police Department, also reporters, for their courtesies and assistance at fires.

Respectfully submitted,

SAMUEL ABBOTT, JR.,

Supt. and Fire Marshal.

ROSTER OF THE OFFICERS AND MEMBERS OF THE BOSTON PROTECTIVE DEPARTMENT.

SUPERINTENDENT, SAMUEL ABBOTT, JR.; AGE, 37; RESIDENCE, No. 84 DOVER ST.; HEADQUARTERS, No. 5 HAMILTON ST.

COMPANY No. 1. No. 5 Hamilton St. PERMANENT FORCE.

Rank.	Name.	Age.	Former Occupation.	Residence.	No. of Badge.	Assigned for Duty.
Captain.	D. R. Dearing	47	Engineer	12 Cedar Street	11	Company Quarters.
Lieutenant.	S. E. Smith	34	Fireman	13 No. Bennett Street	12	" "
Driver.	G. W. Thompson	48	Driver	10 McLean Court	13	" "
Asst. Driver.	M. I. Tully	28	Driver	84 Cherry Street, B. H.	22	" "
Patrolman.	D. W. Brown	32	Clerk	49 Chamber Street	41	" "
"	J. H. Jacobs	26	Clerk	5 Hamilton Street	16	" "
"	A. T. Osborne	27	Machinist	15 Pine Street	21	" "
"	J. W. Sweetser	33	Iron Worker	9 Decatur Court, C. D.	40	" "
"	P. E. Chase	33	Carpenter	172 Summer Street, E. B.	20	" "
"	C. Schwarm	26	Wood Carver	289 Silver Street, So. B.	14	" "

CALL FORCE.

Rank.	Name.	Age.	Former Occupation.	Residence.	No. of Badge.	Assigned for Duty.
Callman.	J. E. Thayer	53	Caulker	22 Paris Street, E. B.	17	East Boston.
"	A. T. Hall	29	Ship Joiner	27 Trenton Street, C. D.	18	Charlestown.

PROMOTED FROM CALL TO PERMANENT.

A. T. Osborne, May 10th, 1883.
J. W. Sweetser, May 10th, 1883.
C. Schwarm, Jan. 15th, 1884.

RESIGNED.

W. E. Wright, Jan. 1st, 1884.

APPOINTED.

M. I. Tully, May 10th, 1883, Permanent.
A. F. Hall, May 10th, 1883, Callman.
P. E. Chase, May 11th, 1883, Permanent.

COMPANY No. 2. No. 11 Pine St. PERMANENT FORCE.

Rank.	Name.	Age.	Former Occupation.	Residence.	No. of Badge.	Assigned for Duty.
Captain.	J. H. Huff	37	Mason	78 Carver Street	37	Company Quarters.
Lieutenant.	M. F. Packard	40	Mason	48½ Shawmut Avenue	38	" "
Driver.	I. M. Hutchins	38	Foreman of Contractors	20 Gray Street	26	" "
Asst. Driver.	C. H. Cushing	36	Driver	11 Pine Street	23	" "
Patrolman.	J. L. Huff	33	Mason	288 Harrison Avenue	25	" "
"	H. S. Kendall	37	Painter	17 Dwight Street	24	" "
"	J. C. Bense	35	Mason	11 Pine Street	27	" "
"	S. W. Ronimus	28	Paper Hanger	11 Pine Street	28	" "
"	G. H. Carter	35	Porter	11 Pine Street	29	" "

CALL FORCE.

Rank.	Name.	Age.	Former Occupation.	Residence.	No. of Badge.	Assigned for Duty.
Callman.	F. O. Hinckley	24	Clockmaker	29 Clarence Street, B. H.	30	Boston Highlands.
"	F. C. Byrnes	26	Expressman	39 B Street, So. B.	31	South Boston.
"	B. C. Bird	54	Janitor	Highland Street	32	Dorchester.
"	G. W. Dalton	43	Blacksmith	Temple Street	33	Dorchester.
"	W. H. Keenan	31	Clerk	Brookside Avenue	34	West Roxbury.
"	S. A. Coombs	44	Tinsmith	Rockland Street	35	Brighton.

PROMOTED
FROM CALL TO PERMANENT.

J. C. Bense, May 10th, 1883.
S. W. Ronimus, May 10th, 1883.
G. H. Carter, May 10th, 1883.

RESIGNED.

M. Regal, May 10th, 1883.
G. F. Williams, May 10th, 1883.

APPOINTED.

C. H. Cushing, May 11th, 1883.
F. C. Byrnes, Jan. 15th, 1884.

MONTHLY STATEMENT
Of Alarms of Fires, Covers Spread, Extinguishers Used, Insurance and Loss, for the year ending March 1, 1884.

MONTHS.	Alarms.				Extinguishers Used.		Dur. of Serv.		Buildings.		Contents.		Losses Not Insured.		Total.	
	Bell.	Still.	Automatic.	Extd by Oc.	Total.	Covers Spread.	Hours.	Minutes.	Insurance.	Loss.	Insurance.	Loss.	Building.	Contents.	Insurance.	Loss.
March, 1883.	47	4	0	1	52	119	8	53:00	\$352,795.00	\$11,578.22	\$208,525.00	\$53,188.69	\$4,466.00	\$6,665.88	\$561,320.00	\$75,898.79
April, "	42	6	1	0	49	454	6	61:10	373,900.00	31,850.58	227,420.00	57,348.79	385.00	18,931.25	601,320.00	108,350.62
May, "	38	7	2	1	48	168	4	66:15	282,400.00	45,861.54	192,650.00	41,314.26	385.00	11,640.00	424,950.00	97,220.80
June, "	36	4	0	0	40	402	12	74:20	380,824.00	31,963.10	433,913.00	58,695.45	6,737.00	36,794.28	814,737.00	134,249.83
July, "	42	3	0	0	43	148	5	68:00	189,690.00	13,857.40	107,415.00	14,279.98	540.40	7,305.49	297,005.00	35,983.27
August, "	55	10	3	0	68	219	5	88:45	364,050.00	25,328.33	124,950.00	44,105.42	1,137.00	3,858.88	489,000.00	74,429.63
Sept., "	61	7	4	2	74	246	6	102:55	473,700.00	28,771.62	189,540.00	20,668.58	519.45	11,100.00	683,240.00	61,069.05
Oct., "	42	4	4	1	51	319	8	64:15	187,111.33	9,966.79	219,711.31	31,932.11	913.00	11,492.00	406,822.65	44,766.80
Nov., "	36	8	3	0	47	209	11	76:15	271,900.00	46,561.50	145,125.00	52,731.25	700.00	44,394.64	417,025.00	144,367.39
Dec., "	54	10	2	1	67	218	8	123:10	375,016.40	65,262.48	235,000.10	85,712.59	7,096.25	41,635.14	610,016.00	199,725.46
Jan., 1884.	44	14	0	4	62	285	16	78:55	425,350.00	12,089.61	366,148.00	24,168.40	685.00	4,315.00	791,498.00	41,828.01
Feb., "	35	4	1	1	41	161	2	69:50	296,250.00	11,603.50	704,224.00	34,488.52	1,135.00	1,135.00	910,474.00	47,287.02
Total . . .	532	81	24	11	648	2948	91	966:50	\$3,892,886.73	\$53,344.07	\$3,154,521.41	\$518,834.04	\$23,208.10	\$190,380.56	\$6,987,408.15	\$1,005,706.77

Comparison of Aggregates of Fires, Insurance, and Losses for four years.			
March 1, 1880, to March 1, 1881	Fires.	Covers Spread.	Insurance.
March 1, 1881, to March 1, 1882	587	1596	\$6,069,456.00
March 1, 1882, to March 1, 1883	521	1394	3,820,714.11
March 1, 1883, to March 1, 1884	510	1910	5,288,124.83
March 1, 1884, to March 1, 1885	648	2948	6,987,408.15
Total	2266	7848	\$22,165,603.09

Comparison of Losses to Companies, and Premiums Received.			
Date.	Loss on Buildings.	Loss on Contents.	Total Loss to Ins. Co's.
January 1, 1881, to December 31, 1881	\$116,819.24	\$297,298.50	\$414,117.74
January 1, 1882, to December 31, 1882	154,721.48	558,451.03	713,172.51
January 1, 1883, to December 31, 1883	339,095.75	563,730.21	902,825.96
January 1, 1884, to March 1, 1884	563,730.21	902,825.96	1,466,556.17
Total	1,164,366.68	1,922,305.71	3,086,672.39

Comparison of Losses to Companies, and Premiums Received.			
Date.	Loss on Buildings.	Loss on Contents.	Total Loss to Ins. Co's.
January 1, 1881, to December 31, 1881	\$116,819.24	\$297,298.50	\$414,117.74
January 1, 1882, to December 31, 1882	154,721.48	558,451.03	713,172.51
January 1, 1883, to December 31, 1883	339,095.75	563,730.21	902,825.96
January 1, 1884, to March 1, 1884	563,730.21	902,825.96	1,466,556.17
Total	1,164,366.68	1,922,305.71	3,086,672.39

For losses not settled, see Monthly Report of February, 1884.

CAUSES OF FIRES AND ALARMS.

Alarms, false	44
,, needless	22
Assistance, calls for	2
Ashes, hot, placed in wooden receptacles	14
,, ,, from pipes	12
,, ,, placed on the floor	1
Attempting to thaw out water pipes	13
Boiling over of fat in kettles	5
,, ,, ,, tar ,, ,,	4
,, ,, ,, oil ,, ,,	1
,, ,, ,, wax ,, ,,	1
,, ,, ,, varnish ,, ,,	1
Brush fires	41
Candles	3
Candle, curtains igniting from a lighted	1
,, mattress ,, ,, ,,	1
Children setting fires	1
Cigar stubs lighted, thrown into a wooden spittoon filled with sawdust	3
Chimney fires	13
Chimney hole, woodwork too near	5
Cigarette on a lounge, dropping a lighted	1
Coffee, in a wooden receptacle, putting burnt	1
,, in a cooler, putting burnt	1
Defective fireplace	2
,, set boiler hearth	1
,, set boiler	1
,, ,, range	1
,, ,, furnace	1
,, chimneys	11
,, soapstone heater	1
,, slip kiln	1
,, oil tank	1
,, oven	1
Explosion	1
,, of chemicals	1
Electric light wires	4
Fires, rekindling of	2
Firecrackers	2
Fireworks	1
Fire-pot, plumber's	1

Friction of knife and cloth	2
Gas jet igniting curtains	13
" " " goods in window	1
" " " woodwork	1
" " " lumber in dry house	1
" " " evergreen	1
" leakage, attempting to find	3
" stove, upsetting a	1
Hot metal	2
" flatiron	1
Incendiary, supposed	64
Kerosene-oil lamp, throwing a lighted	1
Kerosene-oil lamps, explosion of	17
" " " upsetting of	19
" oil, attempting to kindle a fire with	2
" " stove, attempting to fill a lighted	1
" " " upsetting of a	2
" " " explosion of a	4
Lightning	1
Lime slacking	1
Matches, children playing with	37
" igniting curtains	3
" thrown on closet floor	9
" " " a bale of paper	1
" " " curled hair	1
" " " cotton batting	1
" " " waste paper in water closet	4
" " " rubbish	9
" " " floor	10
" " " in waste-paper basket	4
" spark from parlor	4
" in a case	1
" in a drawer	1
" and rats	9
Nitric acid	1
Overheated hot-air pipe	6
" stoves	10
" stove funnels	3
" journals	5
" chimney	1
" boiler	1
Rags in funnel hole	1
Spontaneous combustion	7
" " of oily waste	4
" " " " rags	19
Sparks from chimneys	11
" " picking machine	4
" " furnace fire	1

Sparks from forge	4
" " stationary engine	1
" " fire box	6
" " a stove	1
" " a locomotive	5
Spermaceti, spattering on a hot stove	1
Second alarms	2
Stove, upsetting of	2
" clothing igniting from a hot	2
Sulphuric acid	1
Unknown	85
Vapor from alcohol	1
" " naphtha	7
" " benzine	2
" " kerosene oil	1
Total	<u>648</u>

TREASURER'S
RECEIPTS AND EXPENDITURES OF THE BOSTON

1883.	
March 12.	By Cash on hand, Balance \$7,504.19
	Balance of Assessment (Jan. 1, 1883), collected 4,001.04
	Six Months' Assessment, to July 1, 1883 18,445.95
	Six Months' Assessment, to Jan. 1, 1884 19,850.41
	Interest, Eliot National Bank 125.66
	<u>\$50,017.25</u>

\$50,017.25

NET RUNNING EXPENSES.

March, 1876, to March, 1877	\$27,311.72
March, 1877, to March, 1878	26,922.86
March, 1878, to March, 1879	23,975.96
March, 1879, to March, 1880	25,733.80
March, 1880, to March, 1881	28,288.46
March, 1881, to March, 1882	26,593.69
March, 1882, to March, 1883	26,399.49
March, 1883, to March, 1884	35,177.68

REPORT.

PROTECTIVE DEPARTMENT FOR YEAR ENDING MARCH, 1884.

To Cash paid:—	
Pay Roll	\$22,847.69
Rent and Taxes	2,560.50
Hay and Grain	654.33
Wagon and Harness Repairs	652.13
New Wagon, Pung and Harness	553.00
Horse Shoeing	226.31
Fuel	216.65
Gas	293.22
Supplies	429.14
Washing	210.34
Telephone Dispatch Co.	180.75
Telegraph and Repairs	87.52
Fire Extinguishers	100.85
Water Tax	60.00
New Covers and Repairs	2,764.37
Turkeys at Thanksgiving	68.76
Sundries	677.44
Advertising Annual Meeting	37.13
Secretary and Boy, Rent of Rooms and Sundries	1,035.91
Printing and Stationery	829.64
Treasurer	600.00
Directors' Meetings	92.00
	\$35,177.68
Balance due, Assessment Jan. 1, 1884	949.28
Balance, Cash on hand	13,890.29
	\$50,017.25

E. & O. E.

C. E. GUILD, *Treasurer.*

BOSTON, March 12, 1885.

Audited and found correct to date.

Signed,

P. E. EDDY,	} <i>Auditing Committee.</i>
F. H. STEVENS,	

FIRES AND ALARMS.

BY MONTHS, DAYS OF THE WEEK, DAYS OF THE MONTH, AND HOURS OF THE DAY, FROM MARCH 1, 1883, TO MARCH 1, 1884.

Months.		Days of the Week.		Days of the Month.		Hours of the Day.	
March, 1883.	52	Monday . . .	88	1	19	6 to 7 A. M.	11
				2	19	7 " 8 "	12
				3	20	8 " 9 "	20
April, "	49	Tuesday . . .	107	4	28	9 " 10 "	25
				5	32	10 " 11 "	24
				6	32	11 " 12 noon.	24
May, "	48	Wednesday . .	101	7	32	12 " 1 P. M.	29
				8	25	1 " 2 "	23
				9	18	2 " 3 "	38
June, "	40	Thursday . . .	84	10	17	3 " 4 "	39
				11	26	4 " 5 "	31
				12	15	5 " 6 "	40
July, "	49	Friday . . .	98	13	19	6 " 7 "	46
				14	15	7 " 8 "	49
				15	18	8 " 9 "	45
August, "	68	Saturday . . .	88	16	19	9 " 10 "	36
				17	19	10 " 11 "	28
				18	20	11 " 12 night.	31
September, "	74	Sunday . . .	82	19	18	12 " 1 A. M.	20
				20	25	1 " 2 "	23
				21	17	2 " 3 "	21
October, "	51			22	23	3 " 4 "	13
				23	27	4 " 5 "	10
				24	15	5 " 6 "	10
November, "	47			25	19		
				26	28		
				27	21		
December, "	67			28	18		
				29	17		
				30	13		
January, 1884.	62			31	14		
February, "	41						
Total . . .	648		648		648		648

DISTRICTS WHERE ALARMS WERE GIVEN.

City Proper	347
Boston Highlands	63
Charlestown	46
East Boston	51
South Boston	50
Dorchester	38
West Roxbury	33
Brighton	18
Chelsea	1
Cambridge	1

CLASSIFICATION OF COVERS SPREAD.

28 Fires of	1 Cover	. . .	28	2 Fires of	27 Covers	. . .	54		
22 "	"	2 Covers	. . .	44	1 Fire "	28 "	. . .	28	
17 "	"	3 "	. . .	51	3 Fires "	29 "	. . .	87	
10 "	"	4 "	. . .	40	4 "	"	30 "	. . .	120
18 "	"	5 "	. . .	90	3 "	"	31 "	. . .	93
8 "	"	6 "	. . .	48	2 "	"	32 "	. . .	64
12 "	"	7 "	. . .	84	3 "	"	33 "	. . .	99
2 "	"	8 "	. . .	16	2 "	"	34 "	. . .	68
3 "	"	9 "	. . .	27	1 Fire "	36 "	. . .	36	
4 "	"	10 "	. . .	40	2 Fires "	38 "	. . .	76	
2 "	"	11 "	. . .	22	1 Fire "	47 "	. . .	47	
3 "	"	12 "	. . .	36	1 "	"	48 "	. . .	48
1 Fire "	"	13 "	. . .	13	1 "	"	50 "	. . .	50
2 Fires "	"	14 "	. . .	28	1 "	"	51 "	. . .	51
4 "	"	15 "	. . .	60	1 "	"	52 "	. . .	52
1 Fire "	"	16 "	. . .	16	1 "	"	66 "	. . .	66
5 Fires "	"	18 "	. . .	90	1 "	"	67 "	. . .	67
1 Fire "	"	19 "	. . .	19	1 "	"	72 "	. . .	72
2 Fires "	"	20 "	. . .	40	1 "	"	78 "	. . .	78
1 Fire "	"	21 "	. . .	21	1 "	"	86 "	. . .	86
1 "	"	22 "	. . .	22	1 "	"	94 "	. . .	94
3 Fires "	"	23 "	. . .	69	1 "	"	130 "	. . .	130
3 "	"	24 "	. . .	72	1 "	"	330 "	. . .	330
2 "	"	25 "	. . .	50					
1 Fire "	"	26 "	. . .	26					
					Total	. . .			2,948

BOSTON FIREMEN'S RELIEF FUND.

The following amounts have been paid by treasurer, Edward A. White, to sick and disabled members of the Boston Protective Department during the year:—

Captain	Dexter R. Dearing,	Mar. 20	\$57.50
Patrolman	D. W. Brown,	Mar. 20	10.00
Callman	Moses Regal,	May 16	11.25
"	" "	July 18	1.50
Patrolman	H. S. Kendall,	July 18	17.65
"	P. E. Chase,	Dec. 3	8.00
"	Geo. H. Carter,	Dec. 3	6.00
Driver	Geo. W. Thompson,	Dec. 3	5.00
Patrolman	Geo. H. Carter,	Jan. 16	62.00
"	" "	Feb. 26	12.00
"	J. C. Bense,	Feb. 26	21.00
Total			\$211.90