

Boston Protective Department



FORTY-NINTH

ANNUAL REPORT

FOR THE CALENDAR YEAR

1922

FORTY-NINTH

ANNUAL REPORT

OF THE

Boston Protective Department

FROM

January 1, 1922 to January 1, 1923

OFFICERS

President:

HENRY M. FENTON

Vice-President:

C. H. J. KIMBALL

Directors:

TO SERVE UNTIL MARCH, 1923

JOHN P. MEADE

C. H. J. KIMBALL

CHARLES A. HOWLAND

TO SERVE UNTIL MARCH, 1924

JOHN J. CORNISH

HENRY M. FENTON

A. W. HOLLIS

TO SERVE UNTIL MARCH, 1925

GEORGE W. BUNTIN

R. J. DUNKLE

WILLIAM GILMOUR

Secretary-Treasurer:

CHARLES W. GOODING

Superintendent:

H. E. THOMPSON

Medical Officer:

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1923.

TO THE MEMBERS OF THE
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 49th Annual Report of the Department with the reports of the Superintendent, Treasurer, Medical Officer and statistical tables.

The Board recommends, first, that the active duties of the Department be continued for another year; second, that the Directors be authorized to expend for the maintenance of the Department during the year a sum not exceeding one hundred and eighty thousand dollars.

For the Directors,
HENRY M. FENTON,
President.

TREASURER'S REPORT

CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR
ENDING DECEMBER 31, 1922

RECEIPTS:

Assessments	\$182,832.17	
Interest	819.63	
Special Service	2,661.99	
	\$186,313.79	

EXPENDITURES:

Pay Roll and Salaries	\$138,474.07	
Repairs and Furnishings of Houses	514.38	
Telephone and Fire Alarm	880.14	
Water, Light and Fuel	4,637.03	
Printing, Stamps and Office Supplies	1,053.00	
Auto Supplies and Repairs	10,440.43	
Miscellaneous Department Supplies	2,558.23	
New Equipment and Furnishings	4,642.24	
Repairs of Equipment	262.31	
Rent and Taxes	5,707.83	
Compensation and other Insurance	8,229.28	
Sundries	797.70	
	\$178,196.64	
Total Expenditures	\$178,196.64	
Balance, December 31, 1922	8,117.15	
	\$186,313.79	

CHARLES W. GOODING, *Treasurer.*

Boston, January 25, 1923.

Audited and found correct

S. T. EMERY, WM. H. LORING, H. A. KNEELAND	}	<i>Auditing Committee.</i>
--	---	----------------------------

STATEMENT OF ASSESSMENTS MADE IN 1922

July 1, 1921, to December 31, 1921:

Premiums on Fire, Sprinkler and Water Damage	\$3,590,575.06 at 2 6/10%	\$93,354.95
---	---------------------------	-------------

January 1, 1922, to July 1, 1922:

Premiums on Fire, Sprinkler and Water Damage	\$4,076,198.75 at 2 2/10%	\$89,676.34
---	---------------------------	-------------

\$183,031.29

Assessments not paid	199.12	
----------------------------	--------	--

\$182,832.17

July 1, 1922, to December 31, 1922:

Premiums on Fire, Sprinkler and Water Damage	\$3,884,152.36 at 2 5/10%	\$97,103.82
---	---------------------------	-------------

SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT. }
OFFICE OF SUPT., NO. 40 PURCHASE ST. }

BOSTON, January 1st, 1923.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Forty-ninth Annual Report of operations of the Department for the year ending December 31st, 1922.

CALLS AND SERVICE

The department responded to 2,686 City boxes, 1,754 Verbal, 187 Boston Automatic Fire Alarms, 154 American District Telegraph, which includes 76 Sprinkler Breaks, 183 Sprinkler Troubles, Total 4781; also 40 Water Damages, Total calls 4821.

The service rendered was 96 fire extinguishers used, 7,672 covers spread on merchandise at fires and other calls, 438 covers on roofs, 63 covers protecting merchandise after fires from storms. Total covers used 8,173.

The hours service were 2,999.14 at fires, 184.44 protecting merchandise &c after fires, and 3,735.48 privates detailed after fires. Total 6,919.46.

OF THE 6,184 ALARMS, 4,048 ALARMS OR 65.46 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$3,331,485.17 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings	\$ 1,183,045.42	\$31,389.46	\$1,214,434.88
Contents	1,992,276.89	97,884.02	2,090,160.91
Rents	12,552.96		12,552.96
Vessels	13,841.42	495.00	14,336.42
Cargoes			
Totals	\$3,201,716.69	\$129,768.48	\$3,331,485.17

WATER DAMAGE OTHER THAN FIRES.

	Losses	
	Not Insured	Total
Building	\$1,405.00	\$1,405.00
Contents	7,492.00	7,492.00
	\$8,897.00	\$8,897.00

Total calls, 40 (27 with losses). On duty 38h. 32m. Covers spread 93.

ORGANIZATION OF DEPARTMENT.
Superintendent, HENRY E. THOMPSON.

Co. No. 1. 40 Purchase St.	Total	Co. No. 2. 4 Appleton St.	Total	Co. No. 3. 159-161 Roxbury St.	Total	Grand Total
Captain E. Abbott.....	1	S. A. McDonnell.....	1	A. F. Swift.....	1	3
Lieuts. { J. J. Carty.....	2	{ G. E. Blakeley	2	{ M. J. Gleason.....	2	6
{ J. F. Sullivan.....		{ J. S. Weir		{ B. J. McTernan.....		
First Grade Privates.....	12		8		10	30
Second " "	0		4		2	6
Third " "	1		6		2	3
Fourth " "	2		1		1	4
Fifth " "	0		0		0	0
Auxiliary "	11		10		0	21
Totals	29		26		18	73

SUPERINTENDENT
CAPTAINS
FIRST GRADE PRIVATES

PENSIONERS

1
3
2

79

OPERATIONS OF THE DEPARTMENT.

	Co.No.1	Co.No.2	Co.No.3
Responses to Alarms. { City Boxes.....	810	1026	1385
{ Still	552	550	758
{ Automatic	119	76	13
{ A. D. T.....	108	62	21
Totals	1589	1714	2177
Responded to by { Automobiles	1302	1700	1968
{ Privates in outlying districts.....	499		288
Hours Duty { At fires and responding to calls	729.28	1050.49	1218.57
{ Assisting Fire Department.....			
{ After fires protecting mdse.....	54.46	87.22	42.36
{ Detail after fires	1214.28	1694.48	826.32
Totals	1998.42	2832.59	2088.05
Covers Used { At fires and sprinkler calls.....	2917	2456	2299
{ On roofs after fires.....	101	103	234
{ Protecting mdse. after fires.....	21	13	29
Totals	3039	2572	2562
Extinguishers used	16	31	49
<i>The Second Section was called in service as follows:</i>			
	Co.No.1	Co.No.2	Co.No.3
On First Alarms { When first out section was at fire	48	118	167
{ When both sec. were at previous fire	0	14	14
{ While cov. adj. company district	8	46	5
On Second Alarms { At night.....	9	10	11
{ Voluntarily during daytime.....	0	0	1
On Telephone calls.....	17	5	13
On Messenger calls.....	2	0	0
To Cover Adjoining company district....	25	209	36
Totals	109	402	247
	Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected	44	51	102
No. days on which one or more aux. men were retained on day duty after a fire.....	99	76	77
No. extra hazardous days when aux. force was retained on duty.....	11	2	0

SPRINKLER RECORD. FIRES.

Sprinklers Operating			Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.	
67	Fires of	1 head each	67	60	Fires of	1 head each	60	Sub-Basement	1	O. K.	105	
*36	" "	2 heads "	72	30	" "	2heads "	60	Basement	43	Partially Operative	24	
8	" "	3 " "	24	8	" "	3 " "	24	First-floor	18	Shut Off		
7	" "	4 " "	28	6	" "	4 " "	24	Second "	14			
2	" "	5 " "	10	1	" "	5 " "	5	Third "	20			
1	" "	6 " "	6	1	" "	7 " "	7	Fourth "	15			
†2	" "	7 " "	14	1	" "	8 " "	8	Fifth "	8			
1	" "	8 " "	8					Sixth "	6			
1	" "	11 " "	11					Seventh "	1			
1	" "	12 " "	12					Eighth "	2			
1	" "	15 " "	15					Roof	1			
1	" "	29 " "	29									
1	" "	150 " "	150									
129	Totals		446	Totals			188	Totals	129	Totals		129

* 1 Fire operated 3rd and 4th floors
† 1 " " 2nd " 1st "

RUPTURED HEADS AND PIPES.

Sprinklers Ruptured		Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
39	Breaks of 1 head ea.	39	Water freezing in heads	21	Condition	10	5	6
2	" " 2 heads ea.	4	" " " pipes	7	" "	1	4	2
22	Breaks " Pipes		" " " couplings	3	" "		1	2
3	" " Couplings		" " " elbows	8	" "	3	2	3
10	" " Elbows		Striking heads	6	" "	4		2
			" pipes	12	" "	1	3	8
			Defective Heads	13	" "	12		1
			" Elbows	2	" "	1	1	
			Unknown	4	" "	1		3
76	Totals	43	Totals	76	Totals	33	16	27

DUTY PERFORMED

Hours service 53h. 58m. Detailed duty 22h. 15m. Extra service 2h. Covers spread 106

TROUBLES.

Alarm pots, defective.....	9
" bells, "	1
Batteries	1
Closing and opening valves (1 section, 1 drip, 1 cold weather.....)	3
Transmitter, striking.....	1
Transmitter, tripping.....	1
Water hammer.....	45
" in dry pipe system.....	52
Working on system.....	14
Unknown	56
Total	183

DUTY PERFORMED

Hours service 88 h. 31m.

Detailed duty 26 h. 4m.

DISTRICTS WHERE FIRES OCCURRED OR ALARMS
WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2121
Roxbury District.....	670
Charlestown.....	289
East Boston.....	372
South Boston.....	460
Dorchester.....	1010
West Roxbury.....	531
Brighton.....	416
Hyde Park.....	299
Boston Harbor.....	1
Brookline.....	4
Cambridge.....	5
Dedham.....	2
Somerville.....	2
Milton.....	2
Total.....	6,184

WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day		
1922						
January	531	Monday	901	Day Service	6 to 7 A.M. ... 88	
February	384	Tuesday	915		7 to 8 "	115
March	695	Wednesday	919		8 to 9 "	167
April	768	Thursday	701		9 to 10 "	214
May	616	Friday	890		10 to 11 "	270
June	398	Saturday	960		11 to 12 Noon	337
July	431	Sunday	898		12 to 1 P. M.	350
August	302				1 to 2 "	427
September	353				2 to 3 "	392
October	567				3 to 4 "	385
November	601				4 to 5 "	425
December	538				5 to 6 "	476
Totals.....	*6184		*6184	Night Service	6 to 7 "	399
					7 to 8 "	381
					8 to 9 "	371
					9 to 10 "	321
					10 to 11 "	239
					11 to 12 Midnight.	216
					12 to 1 A. M.	173
					1 to 2 "	130
					2 to 3 "	84
					3 to 4 "	80
					4 to 5 "	64
					5 to 6 "	80

*5 Fires extinguished by occupants are included in these totals.

STATEMENT BY MONTHS

Of Alarms for Fires Responded to by One or More Companies of this Department, Together with Other Statistics

Months.	Alarms attended by this Dept.			A. D. T.	Extinguished by occupants.	No alarm given.	Water Damage Calls.	Still Alarms attended by Fire Department only.	Total Alarms.	Sprinklers operated on fires.	Sprinkler breaks or defects.	Alarms for fires on vessels.	Covers Spread			Extinguishers used.	Duty at fire and responding to calls.	Duty after fires.	Detail after fires.
	City Boxes.	Still.	Automatic.										At fires and sprinkler calls.	On roofs after fires.	Protecting mds. after fires.				
Jan. 1922	222	195	25	26	1	1	3	60	532	13	57	1	656	36	0	12	322.51	9.19	434.36
Feb. "	187	148	11	13	0	0	4	26	384	14	20	2	799	27	0	19	293.27	17.58	314.27
Mar. "	292	153	15	14	0	4	2	220	698	10	18	2	1075	47	1	15	321.15	27.10	355.55
April "	291	166	10	18	2	2	1	278	767	9	19	1	428	40	1	5	260.40	10.50	340.32
May "	252	154	14	12	1	4	2	181	618	7	14	0	474	76	15	3	223.17	16.01	123.14
June "	183	102	21	7	0	5	2	84	402	8	14	0	571	24	0	3	201.10	20.34	713.36
July "	207	131	15	13	0	3	3	63	434	6	16	3	471	42	1	5	196.52	7.33	319.18
Aug. "	135	97	14	9	0	0	3	46	303	8	16	3	423	22	0	2	150.25	9.39	185.38
Sept. "	172	100	16	7	0	3	58	356	8	13	2	2	423	22	0	11	150.19	6.55	146.35
Oct. "	242	177	10	17	1	1	119	567	9	19	2	2	516	40	0	2	230.29	12.46	132.04
Nov. "	261	159	15	11	0	5	158	605	16	21	0	0	668	31	29	8	274.16	18.15	239.33
Dec. "	242	174	21	11	0	7	88	543	21	32	0	0	1168	31	16	11	374.13	27.31	430.20
Totals	2586	1754	187	154	5	40	1383	6200	129	259	18	18	7672	438	63	96	2,999.14	184.44	3,735.48

* 15 Alarms for assistance from other cities and towns not included.

GRADE OF LOSSES FOR 1922.

4048	Alarms with no loss		
869	Fires with loss under	\$100	\$33,260.82
644	" " " from	\$100 to \$500	147,813.86
194	" " " "	\$500 to \$1,000	132,407.82
278	" " " "	\$1,000 to \$5,000	651,135.34
57	" " " "	\$5,000 to \$10,000	396,452.10
16	" " " "	\$10,000 to \$15,000	213,441.61
	Over \$15,000		
1	Jan. 14, 1922,	90-2 Essex St., Acorn Clothing Co., et al	15,257.48
1	" 20, "	99-105 Richmond St., R. Goodnow Est., et al	79,779.40
1	" 24, "	1028-44 Blue Hill Ave., S. Gorfev, et al	21,968.66
1	" 30, "	1090-1104 Commonwealth Ave., M. Straussel, et al	26,574.96
1	Feb. 1, "	6-7-8 Brighton Abbattoir, Lebanon Koshier Wurst Co.	45,480.82
1	" 7, "	Brighton Abbattoir, Brighton Dressed Beef Co., et al	55,497.17
1	" 9, "	262-6 Friend St., Aronson Bros., et al	36,829.30
1	" 13, "	39-41a Washington St., Royal Clothing Co., et al	20,602.60
1	" 20, "	779 Washington St., North, Daniels Printing Co., et al	20,798.19
1	Mar. 2, "	605-11 Washington St., Bowdoin Mfg. Co., et al	56,435.80
1	" 16, "	372-8 Boylston St., I. Schneider, et al	20,208.00
1	" 25, "	Rear 81 Wareham St., Gordon Supply Co., et al	170,559.55
1	" 30, "	7 Albany St., J. Pearl & Co.,	26,157.42
1	Apr. 29, "	39-43 Tremont St., Kimball Inc., Co., et al	76,453.57
1	May 18, "	49-51 Fulton St., Beacon Grocery Co., et al	41,089.76
1	" 24, "	154-60 Washington St., Smith Mfg. Co., et al	24,860.60
1	" 30, "	272 Border St., Acme White Lead Works	49,559.30
1	June 4, "	44-56 Pitts St., C. Bonanno Laundry Co., et al	17,205.17
1	" 10, "	168-70 A St., Blake, Boas & Kelligrew, et al	302,887.88
1	" 22, "	24-30 School St., Kriss Typewriter Co., et al	23,231.08
1	" 27, "	89-95 Chauncey St., G. S. Moloolf & Son, et al	24,637.85
1	July 1, "	718 Commonwealth Ave., W. Kaplan, et al	16,418.94
1	" 13, "	Rear 100-2 Condor St., Boston & Lockport Block Co.	50,786.31
1	" 27, "	395 Boylston St., H. F. Miller & Sons, et al	26,160.28
1	Aug. 3, "	18-20 Oxford St., Standard Hat & Cap Co., et al	18,946.42
1	" 8, "	14-24 Federal & 123 Congress St., Harris Forbes Co., Inc.	24,805.20
1	" 18, "	93 Cummings St., Daly Plumbing Supply Co., et al	25,493.59
1	" 22, "	47 Union Ave., Atlantic Ice Cream Cone Co., et al	21,001.60
1	" 24, "	76-8 Westland Ave., S. Schlesinger Est., et al	18,866.00
1	Oct. 13, "	55-7 Causeway & 40 Lancaster Sts., American Syrup Co., et al	15,515.43
1	" 26, "	27 Scotia St., Edison Electric Ill. Co.,	15,000.00
1	Nov. 13, "	393-407 Dorchester Ave., Hunt Spiller Mfg. Co., et al	27,273.49
1	" 18, "	46-54 Bromfield St., Leonard Co., et al	100,554.21
1	" 28, "	44-8 Portland St., Louis Model Co., et al	23,234.08
1	Dec. 4, "	680-4 Washington St., C. & J. Hercovitz, et al	15,713.37
1	" 16, "	107-9 W. Brookline St., S. Alperin, et al	35,661.73
1	" 17, "	94-8 Washington St., Morse Office Equipment Co., et al	19,106.00
1	" 21, "	39 Newbury St., F. L. Dunne, et al	16,596.03
1	" 28, "	19-23 Damrell St., McClean Mfg. Co., et al	31,510.97
1	" 29, "	704-24 Washington St., R. B. Brighton Est., et al	71,366.03
6146			3,304,595.79
11	Marine Losses		14,336.42
6157			3,318,932.21
	Rent Losses		12,552.96
27	Sprinkler Losses (no fire)	\$22,707.26	3,331,485.17
6184			

CAUSES OF ALARMS AND OF ALARMS WITH LOSS
DURING 1922.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	15	
Arson		
Ashes		
Benzine		
Boilers		
1 Climneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	108	51
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity	252	102
4 Explosions	133	66
5 Exposure	81	74
5a False and Needless Alarms.....	254	
6 Fireworks, Fire Crackers, Balloons, etc.....	23	14
Flues		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	13	6
Furnaces		
Gas		
8 Gas—Natural and Artificial	44	35
Gasolene		
9 Hot Ashes and Coals.....	80	28
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	99	20
11 Hot or Molten Metal.....	1	1
Hot Water Pipes.....		
12 Incendiarism	14	10
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodded.....		
14 Lightning—buildings not rodded.....	2	2
Locomotives.....		
15 Matches	759	518
16 Miscellaneous—Cause known but not Classified.....	323	60
17 Open Fires	38	
18 Open Lights.....	189	113
19 Petroleum and its products.....	110	61
Pickers		
Railroad		
19a Rekindling of a previous fire.....	9	7
20 Rubbish and Litter.....	1573	8
21 Smoking	422	256
22 Sparks—Arising from combustion.....	137	70
23 Sparks on Roof.....	95	74
24 Spontaneous Combustion.....	85	51
24a Sprinklers	259	27
Stacks		
25 Steam and Hot Water Pipes.....	34	21
26 Stoves, Furnaces, Boilers and their pipes.....	640	145
Stove Pipes		
27 Unknown	392	316
28 Unknown origin but investigation important.....		
Totals.	6184	2136

This table includes 1383 fire department still alarms of which we were not notified, 5 fires for which no alarms were given but which were extinguished by occupants.

STATEMENT BY MONTHS OF INSURANCE AND LOSSES.

Months	Buildings			Contents			Rents			Vessels		Sprinkler Losses (no fire)	
	Insurance	Loss Insured	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance	Loss	
Jan. 1922	4,222,053.33	\$136,668.64	\$2,266.28	\$2,105,506.58	\$158,431.45	\$18,091.17			\$25,000.00	341.42	\$203,700.00	\$7,634.61	
Feb.	5,595,950.00	131,532.18	4,179.36	5,204,166.00	234,913.88	5,483.53				50.00	13,000.00	539.40	
Mar.	4,214,704.00	122,369.00	4,825.13	2,170,436.00	320,543.40	9,223.14	\$187,700.00	\$4,880.09		150.00			
April	2,631,929.00	65,817.83	775.66	985,787.30	130,836.14	3,782.07							
May	3,846,525.00	80,938.84	1,861.38	6,474,161.00	139,206.16	4,034.00	13,500.00	416.22	700.00	500.00	415,500.00	1,242.75	
June	2,988,501.00	80,082.91	3,653.49	1,607,354.00	358,379.90	23,369.18	19,850.00	2,814.80		260.00	183,500.00	6,943.26	
July	2,551,035.00	84,422.93	1,913.79	1,581,703.00	112,876.61	7,085.63	35,000.00	1,051.03		13,000.00	2,000.00	32.88	
Aug.	2,902,900.00	72,640.12	4,114.36	524,193.00	84,202.85	2,576.00			15,000.00	35.00	3,500.00	112.50	
Sept.	1,507,458.00	29,980.22	932.00	867,000.00	35,339.09	3,122.76					20,000.00	1,131.86	
Oct.	2,202,582.00	46,790.07	1,957.01	2,572,050.00	61,429.29	4,067.00	76,800.00	2,782.50			5,000.00	5,060.00	
Nov.	4,574,272.00	116,908.07	1,702.00	1,558,551.00	170,272.14	6,706.28	300,000.00	608.32					
Dec.	7,548,524.00	214,304.60	3,189.00	2,957,151.00	185,645.98	10,343.20							
Totals	44,886,433.33	\$1,183,045.42	\$31,389.46	\$28,608,059.08	\$1,992,276.89	\$97,884.02	\$632,850.00	\$12,552.96	\$40,700.00	*\$14,336.42	\$846,200.00	\$22,707.26	

*Loss on Vessels not insured \$495.00.
 *Insured loss on Vessels \$13,841.42.

STATISTICS FOR YEAR ENDING
DECEMBER 31, 1922

Population		748,143
Area Square Miles.....		47.81
Number of Brick, Stone, Concrete, Steel frame, B, etc..	33,768	} *111,441
" " Wooden Buildings.....	77,673	
" " Alarms, exclusive of False and Needless.....	5,656	} 6,184
" " False and Needless Alarms.....	254	
" " Calls to assist other Cities and Towns.....	15	
" " Sprinkler System breaks and defects.....	259	} 5,925
" " Fires in Brick and Stone Buildings.....	1,894	
" " Fires in Wooden Buildings.....	1,410	
" " Fires in Concrete Blocks.....	56	
" " Fires in Fireproof.....	2	
" " Fires in Ironclad.....	10	} 5,925
" " Fires in Reinforced Concrete.....	60	
" " Fires not originating in Buildings.....	2,493	} 5,925
" " Fires confined to floor where fire		
originated.....	3,010	
" " " confined to Building but not		
to floor of origin.....	295	
" " " extending to adjoining Build-		
ing.....	73	
" " " extending beyond adjoining		
Building	27	
" " " originating in Automobiles..	269	
" " " not originating in Buildings	2,224	
" " " not originating in, but invol-		
ving Buildings	27	

* January 1, 1923. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Per- manent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made	\$44,927,133.33	\$28,608,059.08	\$73,535,192.41
Total Insurance Loss....	1,196,886.84	1,992,276.89	3,189,163.73
Total Loss (insured and uninsured).....	1,228,771.30	2,090,160.91	3,318,932.21
Rents insured.....			12,552.96
Losses on buildings and contents in which fires originated, i.e., direct losses	1,172,479.24	1,987,001.25	3,159,480.49
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	56,292.06	103,159.66	159,451.72

Review of grade of losses for ten years

Years	Total Al'm.	No Loss	Under \$100	\$100 to 500	\$500 to 1000.	\$1000 to 5000.	\$5000 to 10,000	\$10,000 to 15,000	Over 15,000
1913	4947	2811	1048	588	185	217	44	15	39
1914	5679	3345	1118	628	238	261	35	15	39
1915	5532	3280	1044	641	207	251	45	18	29
1916	4656	2742	930	549	155	197	44	7	32
1917	5025	2996	981	605	159	199	31	12	42
1918	5433	3617	892	531	115	191	30	10	35
1919	5647	3687	903	574	155	208	30	17	26
1920	4688	2928	780	536	135	223	37	15	34
1921	5268	3320	820	612	167	227	53	25	44
1922	6184	4048	*886	*651	*198	*285	*59	17	40

*27 Sprinkler losses included, viz., 11 under \$100. 4 from \$100 to \$500.
3 from \$500 to \$1,000. 7 from \$1,000 to \$5,000. 2 from \$5,000 to \$10,000.

Review of total alarms, fires with loss, loss, average loss of total alarms, and average loss of fires with loss, for ten years

Years.	Total Alarms.	Fires with Loss	Loss.	Average Loss of Total Alarms.	Average Loss of Fires with Loss.
1913	4,947	2,136	\$4,254,847.91	\$868.17	\$1,991.97
1914	5,679	2,319	3,044,626.94	536.12	1,312.90
1915	5,532	2,243	3,004,599.48	543.13	1,339.54
1916	4,656	1,914	2,473,801.16	531.31	1,292.47
1917	5,025	1,955	4,056,887.34	807.34	2,075.13
1918	5,433	1,774	2,827,612.34	520.45	1,593.92
1919	5,647	1,921	2,581,085.15	457.07	1,343.61
1920	4,688	1,707	3,143,528.89	670.54	1,841.55
1921	5,268	1,910	4,017,158.64	762.56	2,103.22
1922	6,184	†2,109	3,331,485.17	538.73	1,568.88

The above tables include Still Alarms.

† Does not include 27 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to all departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

H. E. THOMPSON,

Superintendent of Department

MEDICAL EXAMINER'S REPORT

1922

HENRY E. THOMPSON,
Supt. Boston Protective Department.

Dear Sir:—Your Medical Officer respectfully submits the following report for the year ending December 31, 1922:

Applicants examined.....	41
Promotions. Examinations for.....	24
Members. Visits to sick.....	61
Members. Visits to injured.....	28
Physicians reports. Attending.....	183
Special reports.....	4
Certificates. Return to duty.....	78
Applicants rejected due to physical disabilities.....	10

W. F. TEMPLE Jr., M. D.
Medical Officer, Boston Protective Department.

F. DOUGLAS COCHRANE
60 State Street, Boston

January 11, 1922.

Captain Samuel A. McDonald,
Boston Protective Department,
Company No. 2.,
4 Appleton St., Boston, Mass.

Dear Sir:—

I am enclosing check for \$50.00, which I hope you will be able to apply in some way for the benefit of Company No. 2. I much appreciate their promptness and courtesy the other evening when my chimney was on fire and trust this little contribution can be used to help defray the expenses of the next entertainment or outing that the Company enjoys.

Sincerely yours,

F. DOUGLAS COCHRANE.

BOSTON UNIVERSITY
688 Boylston St.

Boston, February 17, 1922.

Boston Protective Department,
40 Purchase St.,
Boston, Massachusetts.

Gentlemen:—

On behalf of the Trustees of Boston University, I wish to thank your Department for the prompt and efficient service which they rendered at the time of the explosion in our building, No. 525 Boylston Street on February 14th.

This service, undoubtedly, saved us from considerable additional loss.

Yours truly,

SILAS PEIRCE, Treasurer.

JOSEPH W. HILDRETH & SON
397 Atlantic Avenue, Boston.

February 21, 1922.

Boston Protective Department,

Dear Sirs:—

Enclosed find check for ten (10) dollars as a contribution to the Fireman's Relief Association in appreciation of your promptness in extinguishing a fire on our premises, No. 395 Atlantic Ave.

Yours truly,

J. W. HILDRETH & SON.

H. & L. CHASE
267 Atlantic Ave., Boston

Superintendent of the
Boston Protective Dept.,
40 Purchase St.,
Boston, Mass.

Boston, Dec. 5, 1922.

Dear Sir:—

We wish to express our appreciation of the splendid work of the Protective Department at the small fire at our place of business Dec. 1. Their efficiency prevented serious water damage.

Through the fire commissioner we are sending a donation of \$50.00 to the Boston Firemen's Relief Fund, in which we understand your department participates.

Yours very truly,

H. & L. CHASE,
By J. C. PORTER

Put in service.....	Nov. 10, 1914.	Nov. 10, 1914	Oct. 17, 1910	Jan. 8, 1912	Aug. 7, 1912	Nov. 10, 1914	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Nov. 3, 1920	Mar. 23, 1922
Company Nos.....	The White Co.	The White Co.	Knex Motor Co	Knex Motor Co.	The White Co.	The White Co.	The White Co.	The White Co.	The White Co.	Ford	The Buick Co.	The Buick Co.
Expenses.....	1. 1922	1922	2. 1922	2a. 1922	3. 1922	3a. 1922	Unassigned 1922	Unassigned 1922	2a. 1922	4051284 Service 1922	717699 1922	788639 1922
Body—												
Repairs	\$ 6.00	\$182.40			\$ 18.32	\$ 24.35		\$ 28.85	\$ 1.19	\$ 4.75		\$.75
Painting	100.00	235.00			135.00	125.00		165.00		45.00		
Bell		4.50					4.50		103.50			
Repairs	91.60	661.17			179.25	311.47	85.10	49.91	75.26	15.00		24.35
Chassis—		17.50					7.50	5.00	1.20			
Shock Absorber		42.53										
Electric—		2.68										
Lighting		17.40			29.32	37.67	10.18	11.16	61.52	20.88		4.55
Starting		77.45			25.74	.30	5.95	17.41	57.43	1.75		
Batteries		86.40								2.79		
Engine—		101.03			22.37	376.33	320.38	289.51	162.67	84.42	14.00	67.07
Cases—		62.70			174.13	246.80	18.00	119.73	95.75			101.38
Repairs	20.00						1.50					
Tubes—		41.40			30.46	32.15			31.23	1.00		
Repairs65	.85			1.25	.25	2.00	4.25	4.50	3.70		1.05
Rims—												3.00
Repairs												10.54
Chains, etc.		19.35			17.94	17.94	11.50	9.75	13.75			15.50
Hooks	5.93				7.40	7.40						.75
Accessories	22.75	13.75	2.00		34.22	25.38	12.00	13.65	28.30	6.84	2.50	12.60
Totals	\$568.39	\$613.29	\$2813.51		\$673.50	\$1330.99	\$163.49	\$714.49	\$637.14	\$186.22	\$ 21.75	\$241.54

SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3
Gasoline	\$326.00	\$405.00	\$1056.00
Oils	104.27	36.55	307.83
Grease			9.50
Soap	17.52	16.24	37.20
Polish	12.50	18.75	7.50
Tools new and repd.	49.88	30.93	2.00
Totals	\$510.17	\$507.47	\$1420.03
			\$2437.67