

Boston Protective Department



FIFTY-FIRST

ANNUAL REPORT

FOR THE CALENDAR YEAR

1924

FIFTY-FIRST

ANNUAL REPORT

OF THE

Boston Protective Department

FROM

January 1, 1924 to January 1, 1925

OFFICERS

President:

C. H. J. KIMBALL

Vice-President:

R. J. DUNKLE

Directors:

TO SERVE UNTIL MARCH, 1925

JOHN W. GAHAN

R. J. DUNKLE

WILLIAM GILMOUR

TO SERVE UNTIL MARCH, 1926

JOHN P. MEADE

C. H. J. KIMBALL

BURTON S. FLAGG

TO SERVE UNTIL MARCH, 1927

A. W. HOLLIS

T. H. RATIGAN

A. K. POPE

Secretary-Treasurer:

CHARLES W. GOODING

Superintendent:

H. E. THOMPSON

Medical Officer:

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1925.

TO THE MEMBERS OF THE
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 51st 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 two hundred and thirty-four thousand one hundred dollars.

For the Directors,

C. H. J. KIMBALL,

President.

TREASURER'S REPORT

CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR
ENDING DECEMBER 31, 1924

RECEIPTS:

Assessments	\$223,001.78	
Interest	982.35	
Special Service	2,609.98	
		\$226,594.11

EXPENDITURES:

Pay Roll and Salaries	\$177,240.51	
Repairs and Furnishings of Houses	1,070.64	
Telephone and Fire Alarm	1,116.33	
Water, Light and Fuel	5,259.44	
Printing, Stamps and Office Supplies	1,102.67	
Auto Supplies and Repairs	5,398.37	
Miscellaneous Department Supplies	3,239.29	
New Equipment and Furnishings	9,659.01	
Repairs of Equipment	365.96	
Rent and Taxes	5,809.10	
Compensation and other Insurance	9,467.02	
Sundries	821.31	
		\$220,549.65
Total Expenditures	\$220,549.65	
Balance, December 31, 1924	6,044.46	
		\$226,594.11

CHARLES W. GOODING. *Treasurer.*

Boston, January 14, 1925.

Audited and found correct

S. T. EMERY,
WM. H. LORING,
W. H. ROGERS

} *Auditing Committee.*

STATEMENT OF ASSESSMENTS MADE IN 1924

July 1, 1923, to December 31, 1923:

Premiums on Fire, Sprinkler and Water Damage	\$4,227,106.14 at 2½%	\$106,927.62
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January 1, 1924, to July 1, 1924:

Premiums on Fire, Sprinkler and Water Damage	\$4,654,751.42 at 2½%	\$116,368.81
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\$223,296.43

Assessments not Paid

294.65

\$223,001.78

July 1, 1924, to December 31, 1924:

Premiums on Fire, Sprinkler and Water Damage	\$4,087,376.84 at 2 5/10%	\$102,184.47
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SUPERINTENDENT'S REPORT.

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

BOSTON, January 1st, 1925.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Fifty-first Annual Report of operations of the Department for the year ending December 31st, 1924.

CALLS AND SERVICE

The department responded to 3,588 City boxes, 2,395 Verbal, 258 Boston Automatic Fire Alarms, 161 American District Telegraph, which includes 119 Sprinkler Breaks, 202 Sprinkler Troubles, Total 6402; also 55 Water Damages, Total calls 6457.

The service rendered was 87 fire extinguishers used, 11,876 covers spread on merchandise at fires and other calls, 571 covers on roofs, 230 covers protecting merchandise after fires from storms. Total covers used 12,677.

The hours service were 4,439.07 at fires, 309.06 protecting merchandise &c after fires, and 4,453.49 privates detailed after fires. Total 9,202.02.

OF THE 8,117 ALARMS, 5,428 ALARMS OR 66.87 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$4,825,216.13 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings	\$ 1,807,363.72	\$119,210.89	\$1,926,574.61
Contents	2,589,677.97	219,342.10	2,809,020.07
Rents	12,476.43	—	12,476.43
Vessels	62,285.02	14,860.00	77,145.02
Cargoes	—	—	—
Totals	\$4,471,803.14	\$353,412.99	\$4,825,216.13

WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building.....	\$50.00	\$4,025.00	\$4,075.00
Contents.....	—	8,916.21	8,916.21
	\$50.00	\$12,941.21	\$12,991.21

Total calls, 55 (38 with losses). On duty 50h. 26m. Covers spread 159.

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.....	10	.....	10	.....	14	34
Second " ".....	2	.....	0	.....	1	3
Third " ".....	1	.....	1	.....	1	3
Fourth " ".....	12	.....	10	.....	3	25
Fifth " ".....	2	.....	4	.....	1	7
Totals	30		28		23	81

PENSIONERS

CAPTAINS
FIRST GRADE PRIVATES

2
2
85

OPERATIONS OF THE DEPARTMENT.

	Co.No.1	Co.No.2	Co.No.3
Responses to Alarms. { City Boxes.....	1052	1295	1929
{ Still.....	713	748	1104
{ Automatic.....	172	122	18
{ A. D. T.....	96	88	24
Totals	2033	2253	3075
Responded to by { Automobiles.....	1455	2268	2902
{ Privates in outlying districts....	710	.....	244
Hours Duty { At fires and responding to calls	1308.08	1374.55	1756.04
{ Assisting Fire Department.....	.....	.....	.....
{ After fires protecting mdse.....	104.02	137.06	67.58
{ Details after fires.....	1784.24	1603.08	1066.17
Totals	3196.34	3115.09	2890.19
Covers Used { At fires and sprinkler calls.....	4626	4386	2864
{ On roofs after fires.....	213	142	216
{ Protecting mdse. after fires.....	101	5	124
Totals	4940	4533	3204
Extinguishers used.....	24	33	30
<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	145	322	401
{ When both sec. were at previous fire	20	64	23
{ While cov. adj. company district	8	47	23
On Second Alarms { At night.....	14	18	22
{ Voluntarily during daytime....	0	0	0
On Telephone calls.....	44	16	15
On Messenger calls.....	1	1	0
To Cover Adjoining company district....	81	293	83
Totals	313	761	567
	Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected.....	79	68	95

SPRINKLER RECORD. FIRES.

Sprinklers Operating			Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.	
112	Fires of	1 head each	112	105	Fires of	1 head each	105	Sub-Basement	4	O. K.	171	
38	" "	2 heads "	76	35	" "	2 heads "	70	Basement	58	Partially Operative	26	
†18	" "	3 " "	54	17	" "	3 " "	51	First-floor	29	Shut Off		
7	" "	4 " "	28	7	" "	4 " "	28	Second "	26			
*4	" "	5 " "	20	4	" "	5 " "	20	Third "	22			
6	" "	6 " "	36	4	" "	6 " "	24	Fourth "	25			
†2	" "	7 " "	14	2	" "	7 " "	14	Fifth "	20			
3	" "	9 " "	27	2	" "	9 " "	18	Sixth "	7			
2	" "	10 " "	20	1	" "	10 " "	10	Eighth "	1			
2	" "	13 " "	26	1	" "	13 " "	13	Tenth "	1			
1	" "	19 " "	19					Eleventh "	1			
1	" "	22 " "	22					Roof (Pent house)	1			
1	" "	30 " "	30					Outside (Paperbin)	2			
197	Totals		484	Totals			353	Totals	197	Totals		197
†	1	Fire operated 2nd and 3rd floors.										
*	1	" " 3rd " 4th "										
*	1	" " 5th " 6th "										
††	1	" " 3rd " 2nd "										
††	1	" " 4th " 5th "										

RUPTURED HEADS AND PIPES.

Sprinklers Ruptured		Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off
46	Breaks of 1 head ea.	46	Water freezing in heads	37	Condition	27	3	7
3	" " 2 heads ea.	6	" " "couplings	9	" "		5	4
10	Breaks " Couplings		" " "elbows	21	" "	9	2	10
22	" " Elbows		" " "pipes	23	" "	11	2	10
38	" " Pipes		Striking heads	6	" "	5		1
			" pipes	11	" "	1	4	6
			Defective heads	6	" "	6		
			" couplings	1	" "			1
			" elbows	1	" "			1
			" pipes	2	" "	2		
			Unknown	2	" "	1		1
119	Totals	52	Totals	119	Totals	62	16	41

DUTY PERFORMED

Hours service 92h. 20m. Detailed duty 16h. 12m. Extra service 4h. 23m. Covers spread 555

TROUBLES.

Alarm pots, defective.....	13
Closing and opening valves (cold weather).....	1
Leaky elbow.....	1
" flange.....	1
" union.....	1
" valve (drip).....	1
Pressure gauge, defective.....	1
Short circuit in alarm wires.....	2
Sending out wrong box.....	2
Transmitter, defective.....	7
Turning on system.....	4
Unknown.....	62
Water hammer.....	45
" in dry pipe system.....	51
" backing up in drain.....	1
Working on system.....	9
Totals.....	202

DUTY PERFORMED

Hours service 92 h. 33m.

Detailed duty 54 h. 46m.

DISTRICTS WHERE FIRES OCCURRED OR ALARMS
WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2699
Roxbury District.....	1184
Charlestown.....	371
East Boston.....	608
South Boston.....	583
Dorchester.....	1188
West Roxbury.....	636
Brighton.....	586
Hyde Park.....	239
Boston Harbor.....	2
Brookline.....	6
Cambridge.....	4
Dedham.....	3
Somerville.....	1
Milton.....	2
Chelsea.....	1
Everett.....	1
Newton.....	2
Watertown.....	1
Total.....	8,117

WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day		
1924						
January.....	755	Monday.....	1345	Day Service	6 to 7 A.M.	98
February.....	535	Tuesday.....	1177		7 to 8 ".....	152
March.....	567	Wednesday.....	1098		8 to 9 ".....	190
April.....	731	Thursday.....	1032		9 to 10 ".....	294
May.....	578	Friday.....	1204		10 to 11 ".....	339
June.....	696	Saturday.....	1188		11 to 12 Noon.....	410
July.....	923	Sunday.....	1073		12 to 1 P. M.	449
August.....	536			Night Service	1 to 2 ".....	475
September.....	400				2 to 3 ".....	465
October.....	703				3 to 4 ".....	451
November.....	850				4 to 5 ".....	519
December.....	843				5 to 6 ".....	618
Totals.....	*8117		*8117		6 to 7 ".....	511
					7 to 8 ".....	511
					8 to 9 ".....	538
					9 to 10 ".....	548
					10 to 11 ".....	420
					11 to 12 Midnight.	313
				12 to 1 A. M.	230	
				1 to 2 ".....	176	
				2 to 3 ".....	139	
				3 to 4 ".....	101	
				4 to 5 ".....	79	
				5 to 6 ".....	91	
					*8117	

*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.			Extinguished by occupant.	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, protecting mose.	Duty after fires.
	City Boxes.	Still.	Automatic.									A. D. T.	At fires and sprinkler calls.	On roofs after fires.					Protecting mose after fires.
Jan. 1924	322	279	38	16	0	13	98	765	17	62	4	1397	61	31	8	485.29	43.44	518.27
Feb. "	233	220	25	14	0	4	41	537	28	27	4	1987	47	7	10	486.05	42.15	557.13
Mar. "	281	193	21	10	0	4	62	571	16	16	0	1267	75	50	4	414.56	53.31	371.54
April "	316	184	27	10	0	4	191	729	20	27	1	831	63	4	8	366.44	18.29	310.06
May "	254	164	16	12	1	3	128	580	12	21	4	521	34	18	11	287.59	11.29	253.16
June "	316	170	20	12	0	0	178	693	8	15	6	843	79	18	11	342.34	23.30	463.24
July "	363	207	16	14	0	0	321	921	16	19	6	1180	44	44	4	359.08	19.57	327.08
Aug. "	228	143	12	12	0	7	140	542	13	17	1	805	36	6	5	283.27	22.39	553.19
Sept. "	198	120	18	10	0	6	150	406	11	15	3	602	19	14	2	205.04	15.36	209.39
Oct. "	338	189	18	14	0	1	142	702	8	24	1	778	22	0	7	306.59	7.43	149.56
Nov. "	396	227	11	14	0	5	199	852	19	21	1	716	51	7	10	413.08	13.07	306.13
Dec. "	343	299	33	27	3	12	135	852	29	57	1	1449	40	19	10	487.34	33.06	453.14
Totals	3588	2395	258	161	5	55	1689	8151	197	321	27	11876	571	230	87	4,439.07	309.06	4,453.49

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

GRADE OF LOSSES FOR 1924.

5428	Alarms with no loss			
1002	Fires with loss under \$100			\$39,019.85
784	" " " " from \$100 to \$500			177,000.87
231	" " " " " \$500 to \$1,000			161,996.11
397	" " " " " \$1,000 to \$5,000			879,108.00
102	" " " " " \$5,000 to \$10,000			705,768.90
38	" " " " " \$10,000 to \$15,000			451,193.64
	Over \$15,000			
1	Jan. 15, 1924,	133-7 Federal St., Slater's Shoe Co., et al		168,976.66
1	" 21, "	220-2 Clarendon St., J. T. Wetherald, et al		22,083.34
1	" 22, "	371 Commonwealth Ave., & 57-61 Mass. Ave., J. W. Hart, et al		44,147.16
1	" 25, "	977-9 Saratoga & 982-6 Bennington Sts., Roslinoid Mig. Co., et al		16,885.30
1	" 27, "	161-5 Meridian St., Estate of S. Goldenberg, et al		77,885.54
1	" 28, "	520-40 Atlantic Ave., Lincoln A. Smith, et al		32,155.23
1	" 29, "	192-4 Mass. Ave., F. J. McGarry, et al		15,696.15
1	Feb. 10, "	43-5 Lagrange St., Boston Young Men's Christian Union		56,538.01
1	" 14, "	33 Albion & 420-2 Tremont Sts., Blanche F. Gallagher, et al		29,303.00
1	" 15, "	144-6 Summer & 1-11 High Sts., S. Ruby, et al		24,708.95
1	" 15, "	39-41 Washington St., S. Klover & Gorman, et al		15,132.55
1	" 19, "	224-1a Tremont St., Trustees Bryant Real Estate Trust, et al		15,723.80
1	" 21, "	156-62 Mass. Ave., & 1-9 Belvidere St., A. R. Whittier, et al		67,744.90
1	" 25, "	134 Huntington Ave., Mrs. M. E. Bordeau, et al		20,942.22
1	" 26, "	104-14 Lincoln St., Brooks Shoe Co., et al		107,026.68
1	Mar. 1, "	318-20 Blue Hill Ave., S. Kabatznick, et al		37,373.75
1	" 5, "	167-73 Summer St., Binestein Bros., et al		100,031.58
1	" 11, "	69-71 High and 227-9 Purchase Sts., G. H. Wahn Co., et al		86,532.03
1	" 12, "	41-7 Fairmount Ave., H. P. Lodge of Masons, et al		21,502.90
1	" 13, "	107 South St., C. G. Flynn Leather Co., et al		113,942.63
1	" 17, "	130-2 Lincoln St., Kingston Shoe Co., et al		22,513.64
1	" 25, "	R. 361 Warren St., A. Marshall, et al		28,296.92
1	" 29, "	31 Walnut St., Salzberger Mfg. Co.		28,726.25
1	Apr. 8, "	Chestnut Hill Ave. & Dighton St., City of Boston, (Bennet School)		75,000.00
1	" 9, "	47-51 Chardon & 47-9 Bowker Sts., C. B. Salyer & Co., et al		19,530.85
1	" 17, "	49 Summer St., Powers & Allen, et al		41,012.95
1	" 18, "	3-9 State St., State St. Trust Co., et al		15,218.54
1	May 10, "	2304-8 Washington St., Boston Shoe Trimming & Novelty Co., et al		16,311.72
1	" 29, "	Rear 341 Ashland St., W. J. Barry		30,000.00
1	" 30, "	273-85 Congress St., Bacon & Co., et al		37,996.57
1	June 18, "	87-9 Commercial & 47-51 Mercantile Sts., Massachusetts Preserve Co., et al		25,064.51
1	" 18, "	44-8 Portland St., H. & J. Averdon, et al		19,376.41
1	" 21, "	139-43 Merrimac, 145-9 Staniford & 49 Causeway Sts., The Manufacturers Co., et al		19,256.96
1	July 3, "	1612-20 Blue Hill Ave., Price & Nisson, et al		17,843.93
1	" 9, "	572-80 Washington St., & 2-6 Haywood Place, Raphael Bros., et al		32,558.12
1	" 10, "	105 Essex & 109 Kingston Sts., Samuel Lieberman, et al		27,901.93
1	" 27, "	273-85 Congress St., Bacon & Co., et al		51,102.22
1	" 30, "	6 Bismarck St., Oakes Bros., et al		28,416.26
1	" 31, "	109-2 Pearl & 129-35 High Sts., E. S. Emery, et al		83,440.90
1	Aug. 5, "	83-7 Wendell St., Mitchell-Wing Co., et al		36,282.28
1	" 16, "	1259-65 Hyde Pk. Ave., & 1277-83 River St., T. B. Fallon, et al		73,768.11
1	" 16, "	3190 Washington St., J. Haines Estate, et al		44,551.89
1	" 23, "	34-42 Lincoln St., Slater Shoe Co., et al		20,546.52
1	" 30, "	23 Vale St., Grass Golden Shoe Co., et al		21,056.76
1	Oct. 8, "	512-20 Dudley St., O. H. Hodgkins, et al		37,410.30
1	" 9, "	347-347a-b Blue Hill Ave., Wolf Goldstien, et al		19,805.76
1	" 20, "	57 Kneeland St., Apple & Co., et al		30,542.68
1	Nov. 7, "	786 Washington & 5-11 Bennett Sts., S. & S. Dress Mfg. Co., et al		18,934.50
1	" 17, "	50-8 Franklin St., H. L. Stearns & Co., et al		17,736.20
1	Dec. 2, "	626-36 Washington & 1-9 Essex Sts., Hyman Bros., et al		17,071.05
1	" 5, "	51-5 Chardon St., C. B. Salyer, et al		23,014.66
1	" 9, "	782-90 Washington St., M. H. Miller, et al		20,938.14
1	" 13, "	572-580 Washington St., & 6 Hayward Pl., Raphael Bros., et al		18,454.70
1	" 16, "	1230-40 River St., Myer Dana, et al		75,627.68
1	" 26, "	38 Kemble St., H. E. Gibby, et al		51,816.00
1	" 26, "	332 A St., R. W. Redding Estate, et al		70,777.33
1	" 31, "	112-8 Canal & 205-9 Friend Sts., I. Warshaw & Co., et al		29,574.99
8039	Marine Losses			4,735,594.68
15				77,145.02
8054	Rent Losses			4,812,739.70
				12,476.43
63	Sprinkler Losses (no fire)	46,143.67		4,825,216.13
8117				

CAUSES OF ALARMS AND OF ALARMS WITH LOSS
DURING 1924.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	21	
Arson		
Ashes		
Benzine		
Boilers		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	112	57
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity	405	172
4 Explosions	173	77
5 Exposure	164	153
5a False and Needless Alarms.....	503	
6 Fireworks, Fire Crackers, Balloons, etc.....	48	31
Flues		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	3	1
Furnaces		
Gas		
8 Gas—Natural and Artificial	67	35
Gasolene		
9 Hot Ashes and Coals.....	80	37
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	143	24
11 Hot or Molten Metal.....	9	4
Hot Water Pipes.....		
12 Incendiarism	16	13
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodded.....	1	
14 Lightning—buildings not rodded.....	10	8
Locomotives.....		
15 Matches	980	641
16 Miscellaneous—Cause known but not Classified.....	390	35
17 Open Fires	144	4
18 Open Lights.....	158	91
19 Petroleum and its products.....	127	52
Pickers		
Railroad		
19a Rekindling of a previous fire.....	12	4
20 Rubbish and Litter.....	1976	4
21 Smoking	552	353
22 Sparks—Arising from combustion.....	167	93
23 Sparks on Roof.....	105	74
24 Spontaneous Combustion.....	96	59
24a Sprinklers	321	63
Stacks		
25 Steam and Hot Water Pipes.....	26	6
26 Stoves, Furnaces, Boilers and their pipes.....	779	149
Stove Pipes		
27 Unknown	530	449
28 Unknown origin but investigation important.....		
Totals.....	8117	2689

This table includes 1689 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
Jan. 1924	\$7,884,639.71	\$314,550.64	\$14,333.14	\$1,685,062.37	\$316,531.62	\$20,433.47	\$76,400.00	\$1,242.30	\$244,750.00	\$17,525.50
Feb. "	8,639,740.00	287,990.59	13,506.06	8,023,190.00	349,936.54	25,166.05	64,600.00	4,056.77	141,500.00	6,620.65
Mar. "	3,590,386.00	187,788.73	1,162.03	2,599,957.00	441,866.69	40,306.64	7,300.00	73.00	154,100.00	101.32
April "	10,061,078.00	88,192.95	59,100.00	1,649,509.00	132,354.89	34,185.95	52,350.00	866.66		30.00
May "	3,317,613.00	78,304.27	11,714.00	1,055,060.00	116,890.60	30,419.69			59,000.00	4.00
June "	5,535,100.00	132,943.55	4,476.08	1,225,850.00	137,175.32	9,714.05	38,700.00	314.00		58.03
July "	8,737,754.00	162,974.66	3,026.00	5,658,222.00	295,176.94	6,501.57	306,000.00	1,357.14		
Aug. "	5,919,753.00	143,136.08	1,755.00	1,382,894.50	213,343.10	6,608.00	256.00	46.00		5.00
Sept. "	3,390,943.00	54,390.53	979.00	635,650.00	63,573.96	4,150.00	10,000.00	123.75	152,938.00	426.66
Oct. "	7,647,705.00	110,275.08	1,635.37	2,352,862.00	94,421.94	8,215.00	300,000.00	250.00	14,500.00	752.80
Nov. "	4,051,611.13	124,139.76	3,878.56	2,033,870.00	114,125.10	15,964.32	2,500.00	54.16	1,256,800.00	20,619.11
Dec. "	7,093,713.00	189,676.88	3,656.35	2,776,952.50	314,351.27	17,677.36	27,456.00	1,090.65		
Totals	\$75,270,015.84	\$1,807,363.72	\$119,210.89	\$31,081,279.37	\$2,589,677.97	\$219,342.10	\$885,562.00	\$12,476.43	\$2,023,588.00	\$46,143.67

*Loss on Vessels not insured \$14,860.00.

*Insured loss on Vessels \$62,285.02.

STATISTICS FOR YEAR ENDING
DECEMBER 31, 1924

Population		748,143
Area Square Miles.....		47.81
Number of Brick, Stone, Concrete, Steel frame, B, etc..	36,587	} *117,285
“ “ Wooden Buildings.....	80,698	
“ “ Alarms, exclusive of False and Needless.....	7,272	} 8,117
“ “ False and Needless Alarms.....	503	
“ “ Calls to assist other Cities and Towns.....	21	
“ “ Sprinkler System breaks and defects.....	321	} 7,272
“ “ Fires in Brick and Stone Buildings.....	2,552	
“ “ Fires in Wooden Buildings.....	1,756	} 7,272
“ “ Fires in Concrete Blocks.....	60	
“ “ Fires in Fireproof.....	1	
“ “ Fires in Ironclad.....	31	} 2,869
“ “ Fires in Reinforced Concrete.....	3	
“ “ Fires not originating in Buildings.....	2,869	} 7,272
“ “ Fires confined to floor where fire originated.....	3,857	
“ “ “ confined to Building but not to floor of origin.....	389	
“ “ “ extending to adjoining Building.....	326	
“ “ “ extending beyond adjoining Building	127	
“ “ “ originating in Automobiles..	30	
“ “ “ not originating in Buildings	430	
“ “ “ not originating in, but involving Buildings	2,380	
	59	

* January 1, 1925. By courtesy of City of Boston Building Department.

	Buildings includ- ing Docks, Vessels, Tank and Perma- nent Fixtures.	Contents	Total
Total Insurance on the property on which claim for loss was made	\$75,795,015.84	\$31,081,279.37	\$106,876,295.21
Total Insurance Loss	1,869,648.74	2,589,677.97	4,459,326.71
Total Loss (insured and uninsured).....	2,003,719.63	2,809,020.07	4,812,739.70
Rents insured.....			12,476.43
Losses on buildings and contents in which fires originated, i.e., direct losses	1,965,442.49	2,762,086.10	4,727,528.59
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	38,277.14	46,933.97	85,211.11

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
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
1923	7377	5069	977	693	168	319	76	33	54
1924	8117	5428	*1037	*804	*239	*405	*105	40	59

*63 Sprinkler losses included, viz., 33 under \$100. 15 from \$100 to \$500. 6 from \$500 to \$1,000. 6 from \$1,000 to \$5,000. 3 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.
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	1,811.55
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
1923	7,377	2,271	6,323,331.48	857.17	2,784.38
1924	8,117	†2,626	4,825,216.13	594.48	1,837.48

The above tables include Still Alarms.

† Does not include 63 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

1924

HENRY E. THOMPSON,
Supt. Boston Protective Department.

Dear Sir—Your Medical Officer respectfully submits the following report for the year ending December 31, 1924:

Applicants examined.....	38
Promotions. Examinations for.....	8
Members. Visits to sick.....	40
Members. Visits to injured.....	32
Physicians reports. Attending.....	162
Special reports.....	1
Certificates. Return to duty.....	73
Applicants rejected due to physical disabilities.....	5

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

DESCRIPTIVE LIST OF MOTOR APPARATUS

Relative	Put in Service.	Maker's name	No.	Cable System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size, H.P.		Front.	Rear.			
3	Oct. 17, 1910	Knorr Auto. Co.	8788	W	4	5 1/2	128	38 x 7	40 x 8	11,000	2	
5	Aug. 7, 1912	The White Co.	15218	W	4	4 1/4	148 1/4	38 x 7	40 x 8	9,730	3	Condemned
7	Nov. 10, 1914	"	21628	W	6	4 3/4	158 1/2	38 x 7	40 x 8	10,590	1	
8	"	"	21628	W	6	4 3/4	158 1/2	38 x 7	40 x 8	10,350	1	
9	"	"	21628	W	6	4 3/4	158 1/2	38 x 7	40 x 8	10,375	3	Condemned
10	Aug. 18, 1916	"	26414	W	6	4 3/4	158 1/2	38 x 7	40 x 8	10,700	3	
12	Mar. 30, 1918	"	42874	W	6	4 3/4	158 1/2	38 x 7	40 x 8	10,400	3	
13	Sep. 19, 1919	"	51184	W	4	4 1/4	128	38 x 7	40 x 8	10,700	2	
14	Sep. 4, 1920	Ford	4051234	W	4	3 3/4	123	30 x 3 1/2	32 x 4 1/2	.....	3	
15	Mar. 23, 1922	The Buick Co.	788639	W	6	3 1/2	22	34 x 4 1/2	34 x 4 1/2	10,700	2	Turned in
16	Sep. 4, 1923	Mack Motor Co.	471420	W	4	4 1/4	146 1/2	38 x 7	40 x 8	9,630	3	
E	Mar. 24, 1924	"	472114	W	4	4 1/4	146 1/2	38 x 7	40 x 8	9,630	3	
F	May 2, 1924	The Buick Co.	418871	W	6	3 3/8	27	33 x 5	33 x 5	11,000	1	
17	Aug. 5, 1924	Mack Motor Co.	472115	W	4	4 1/4	146 1/2	38 x 7	40 x 8	11,000	1	

W — Water.

S Superintendent

CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1924		Totals	
		Calls	Miles	Calls	Miles
3	1910-1923 Inclusive	7,669	17,396.7	280	706.9
5	1912-1923	8,896	33,126.1	.....	.....
7	1914-1923	4,921	8,515.2	756	1,518.7
8	1914-1923	5,069	9,094.9	722	1,401.6
9	1914-1923	6,217	39,055.1	44	313.2
10	1916-1923	3,499	14,838.3	1173	5,928.3
12	1916-1923	3,718	11,130.6	1487	7,937.4
13	1918-1923	4,767	11,480.3	756	1,897.5
14	1920-1923	.....	6,469.5	.....	2,639.0
15	1923	287	845.1	1569	5,013.0
16	"	.....	.....	76	725.0
17	"	.....	.....	5	12.0
D	1922-1923	.....	13,013.2	.....	2,929.0
E	"	.....	.....	.....	5,781.0

FRANK H. CHAMBERLAIN CO., INC.
311 Washington St. 659 Washington St.
Boston

Boston Protective Dept.,
 40 Purchase Street,
 Boston.

Gentlemen:—

I wish to extend my appreciation of the excellent work done in my store by your very efficient Protective Force on the night of Jan. 24th.

Very truly yours,
FRANK H. CHAMBERLAIN.

Jan. 25, 1924.

EDGAR T. WARD'S SONS CO.
General Offices, Newark, N. J.

Boston Protective Company,
 Boston, Mass.

Gentlemen:—

We are today in receipt of advices from our Boston Manager, Mr. E. T. Corbus, in which he reports the fire which occurred on the eighth floor of our Building, 44 Farnsworth Street, your city, on Saturday evening last.

Mr. Carbus has taken occasion to tell us of the very prompt and efficient action on your part in minimizing the damage, and we take this means to express to you our sincere thanks. We undoubtedly would have encountered considerable damage, except for your prompt response to the alarm and we are indeed grateful for the service you have rendered.

Very truly yours,
EDGAR T. WARD'S SONS CO.
 F. N. Fingle, Vice-President.

February 5, 1924.

THE UNION
48 Boylston St., Boston.

H. E. Thompson, Supt.,
 Boston Protective Department,
 Boston, Massachusetts.

Dear Sir:—

The Trustees and Directors of the Union wish to express to you, and through you to the officers and men of your Department who may have been directly associated with our recent fire, full appreciation of the earnest and efficient work performed.

Because of their interest and skill a much larger loss, as well as a considerable interruption to our work, has been avoided.

Very truly yours,
 FRANK L. LOCKE, President

February 12, 1924

WEST ROXBURY POST, No. 167, INC.
 Department of Massachusetts
THE AMERICAN LEGION
 1996 Centre St., West Roxbury, Mass.

Mr. Henry E. Thompson,
 Superintendent, Protective Dept.
 40 Purchase Street,
 Boston, Mass.

Dear Sir:—

The members of West Roxbury Post 167 in Meeting assembled Monday evening, May 12th, unanimously voted to forward you a letter of appreciation for the efficient manner in which your department protected our building and furnishings on the occasion of the fire in our Clubhouse early last Saturday morning.

It is sincerely felt that but for the excellent work of your department the loss sustained would have been considerably greater.

Very truly yours,
 G. GORDON WATT,
 Building Trustee.

May 13, 1924.

LOUIS WOLF & CO.

102-106 Pearl St., Boston

268-276 Fourth Ave., N. Y.

Boston Protective Dept.,
40 Purchase Street.
Boston, Mass.

Dear Sir:—

We wish to take this opportunity of expressing our commendation of the manner in which your Department protected our property on the occasion of fire occurring on Thursday noon, 31st of July.

We are quite positive that except for the quick work, intelligence, promptness and efficiency of your chiefs and men, the water damage and loss would have exceeded that caused by the fire.

We feel sure that our expression of appreciation will be acceptable and furthermore are pleased to hand you herewith, our check of modest amount, for application to the Benevolent Fund of the Department.

A similar letter and accompaniment we are sending by same mail to the Fire Dept.

Very truly yours,

LOUIS WOLF & CO.,

Thos. E. Stutson.

Aug. 28, 1924.

EXPRESS EXCHANGE, INCORPORATED
273 Main Street, Watertown, Mass.

Supt. H. E. Thompson,
Boston Protective Dept.,
40 Purchase Street,
Boston, Mass.

My Dear Sir:—

On Thursday evening, Sept. 25th, there occurred a fire at one of our General Express Offices located at number 151 Kingston St. and I hope you will excuse me if I say a few words in regard to it.

Early in the evening I was notified by telephone in regard to the fire and Mrs. Butters and I drove in expecting to find considerable damage to the contents of the office and also other disagreeable things usually found after a fire but we were more than pleased to find how carefully every thing had been protected and taken care of.

Although we arrived about eleven o'clock the fire was all out and the windows boarded up and the doors locked up and everything in shipshape condition and I want to express to you and your department our sincere appreciation of the efficient and careful manner in which you handled this situation.

Please find enclosed a check for \$10.00 as a small expression of our appreciation of the satisfactory way you conducted yourself on this occasion and I hope it will bring some relief to some one in your department if a need arises.

Thanking you for your very great courtesy I remain,

Very truly yours,
HORATIO BUTTERS.

Sept. 30, 1924.

Put in service.....	Nov. 10, 1914	Nov. 10, 1914	Oct. 17, 1910	Aug. 7, 1912	Nov. 10, 1914	Aug. 8, 1916	Mar. 30, 1915	Sept. 19, 1919	Sept. 4, 1920	Mar. 23, 1922	Sept. 4, 1923	Mar. 24, 1924	May 2, 1924	Aug. 5, 1924
Makers.....	The White Co.	The White Co.	Max Motor Co	The White Co.	The White Co.	The White Co.	The White Co.	The White Co.	Ford	The Buick Co.	Max Motor Co.	Max Motor Co.	The Buick Co.	Max Motor Co.
Company Nos.....	1.	3a.	2.	3.	3a.	Unassigned	Unassigned	2a.	Service	3.	2	3.	1.	1.
Makers No.....	21625	21628	3788	15218	21628	26414	42874	51184	4051284	471420	472114	472114	1188671	472115
Expense.....	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924	1924
Body—	Repairs	\$ 67.91	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	Pair	57.75	5.42			6.00	13.91	5.00			26.35			
Chassis—	Repairs	237.43	18.02			182.04	58.21	84.49			60.23		1.15	
	Shoe	17.50				17.50								
Electric—	Light	15.98	3.63			18.17	57.76	9.08			8.02	4.46		3.17
	Start	5.85	8.60			7.65	51.33	3.12			2.75			
	Battery	50	60.70			50	69.09	3.00			17.55			
Engine—	Repairs	187.99	105.05			626.84	29.24	105.55			92.42		11.51	
Case—	New	107.70	92.80		119.60	212.40					46.00		1.00	
	Repairs	13.05	23.76		15.20	39.20	15.20				7.00			
Tubes—	Repairs	4.60					2.00				14.65	4.21		9.95
Rims—	New										6.25			
Chains, etc.	Chain	21.83	29.12			9.75	9.75	29.13			9.75			12.00
	Hood	4.00	4.00			3.50	3.50	1.07			1.00			4.00
Accessories		10.00	27.35			43.95	15.19	5.80			16.00		11.00	
Totals		\$752.09	\$426.77	\$176.51	\$134.80	\$1,167.50	\$328.18	\$246.84	\$175.20	\$130.41	\$131.95	\$18.16	\$23.66	\$29.21

Supplies and Tools

	Co. No. 1	Co. No. 2	Co. No. 3
Gasoline	\$228.50	\$206.50	\$831.50
Oils	108.80	35.74	323.14
Grease	12.00	9.36	24.74
Soap	21.33	24.21	44.50
Polish	22.50	20.43	12.50
Tools new and repair	8.68	22.50	1.50
Totals	\$101.81	\$108.74	\$1,257.97
			\$2968.52