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Boston Protective Department



FIFTY-THIRD

ANNUAL REPORT

FOR THE CALENDAR YEAR

1926

FIFTY-THIRD

ANNUAL REPORT

OF THE

Boston Protective Department

FROM

January 1, 1926 to January 1, 1927

OFFICERS

President:

R. J. DUNKLE

Vice-President:

T. H. RATIGAN

Directors:

TO SERVE UNTIL MARCH, 1927

A. W. HOLLIS

T. H. RATIGAN

A. K. POPE

TO SERVE UNTIL MARCH 1928

R. J. DUNKLE

WILLIAM GILMOUR

EDWARD C. STONE

TO SERVE UNTIL MARCH, 1929

BURTON S. FLAGG

C. H. WILSON

G. B. PROCTOR

Secretary-Treasurer:

CHARLES W. GOODING

Superintendent:

H. E. THOMPSON

Medical Officer:

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1927.

TO THE MEMBERS OF THE
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 53rd 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 fifteen thousand seven hundred and ninety-six dollars.

For the Directors,

R. J. DUNKLE,
President

TREASURER'S REPORT

CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR
ENDING DECEMBER 31, 1926

RECEIPTS:

Assessments	\$181,884.30
Interest	557.63
Special Service	3,637.70
Transferred from Reserve	27,000.00
	\$213,079.63

EXPENDITURES:

Pay Roll and Salaries	\$179,498.35
Repairs of Houses	789.81
Telephone and Fire Alarm	1,434.81
Water, Light and Fuel	2,725.64
Printing, Stamps and Office Supplies ...	931.37
Auto Supplies and Repairs	6,862.89
Miscellaneous Department Supplies ...	2,178.78
New Equipment and Furnishings	2,724.75
Repairs of Equipment	261.56
Rent and Taxes	7,685.40
Compensation and other Insurance ...	5,078.54
Sundries	456.37
	\$210,628.27
Total Expenditures	\$210,628.27
Balance, December 31, 1925	2,451.36
	\$213,079.63

CHARLES W. GOODING. *Treasurer.*

Boston, January 14, 1927.

Audited and found correct

WM. H. LORING,	} <i>Auditing Committee.</i>
HENRY W. PORTER,	
J. E. DOWNEY	

STATEMENT OF ASSESSMENTS MADE IN 1926

July 1, 1925, to December 31, 1925:		
Premiums on Fire & Sprinkler		
Damage.....	\$4,280,465.84 at 2%	\$85,609.30
January 1, 1926, to July 1, 1926:		
Premiums on Fire & Sprinkler		
Damage.....	\$4,903,008.01 at 2%	\$98,060.09
		\$183,669.39
Assessments not Paid		1,785.09
		\$181,884.30
July 1, 1926, to December 31, 1926:		
Premiums on Fire & Sprinkler		
Damage.....	\$4,042,276.75 at 2%	\$80,845.67

SUPERINTENDENT'S REPORT.

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

BOSTON, January 1st, 1927.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:—I herewith submit the Fifty-third Annual Report of operations of the Department for the year ending December 31st, 1926.

CALLS AND SERVICE

The department responded to 3,694 City boxes, 2,707 Verbal, 171 Boston Automatic Fire Alarms, 118 American District Telegraph, which includes 68 Sprinkler Breaks, 171 Sprinkler Troubles, Total 6690; also 54 Water Damages, Total calls 6744.

The service rendered was 71 fire extinguishers used, 11,336 covers spread on merchandise at fires and other calls, 563 covers on roofs, 284 covers protecting merchandise after fires from storms. Total covers used 12,183.

The hours service were 4,869.30 at fires, 293.27 protecting merchandise &c after fires, and 3,755.43 privates detailed after fires. Total 8,918.40.

OF THE 7,787 ALARMS, 5,078 ALARMS OR 65.21 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$5,268,941.87 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings	\$ 2,378,052.17	\$ 85,142.62	\$2,463,194.79
Contents	2,613,899.99	122,870.27	2,736,770.26
Rents	37,489.82		37,489.82
Vessels	18,907.00	12,580.00	31,487.00
Cargoes			
Totals	\$5,048,348.98	\$220,592.89	\$5,268,941.87

WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building		\$2,345.00	\$2,345.00
Contents		9,838.85	9,838.85
		\$12,183.85	\$12,183.85

Total calls, 54 (39 with losses). On duty 52h. 42m. Covers spread 225.

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.....	13	.....	10	.....	15	38
Second " ".....	11	.....	10	.....	3	24
Third " ".....	1	.....	.....	.....	.....	1
Fourth " ".....	.....	.....	.....	.....	.....	.....
Fifth " ".....	.....	.....	1	.....	.....	1
Totals	28		24		21	73

PENSIONERS

CAPTAINS	2
FIRST GRADE PRIVATES	1
	76

OPERATIONS OF THE DEPARTMENT.

	Co.No. 1	Co.No. 2	Co.No. 3
Responses to Alarms. { City Boxes.....	1007	1313	2074
{ Still.....	677	813	1460
{ Automatic.....	146	55	9
{ A. D. T.....	85	60	20
Totals.....	1915	2241	3563
Responded to by { Automobiles.....	1454	2255	3378
{ Privates in outlying districts....	633	.....	274
Hours Duty { At fires and responding to calls	1414.40	1444.22	2010.28
{ Assisting Fire Department....	.....	.....	.....
{ After fires protecting mdse.....	139.04	124.29	29.54
{ Details after fires.....	1767.27	1117.39	870.37
Totals.....	3321.11	2686.90	2910.59
Covers Used { At fires and sprinkler calls.....	5485	3994	1857
{ On roofs after fires.....	282	108	173
{ Protecting mdse. after fires.....	241	1	42
Totals.....	6008	4103	2072
Extinguishers used.....	19	24	28
<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	334	555
{ When both sec. were at previous fire	27	56	19
{ While cov. adj. company district	12	67	43
On Second Alarms.....	22	22	13
On Telephone calls.....	45	25	10
On Messenger calls.....	2	0	0
To Cover Adjoining company district....	86	326	94
Totals.....	339	830	734
No. fires at which roofs were protected.....	Co.No. 1 105	Co.No. 2 59	Co.No. 3 97

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SPRINKLER RECORD.
FIRES.

Sprinklers Operating		Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	Floors	Condition of System when left	No.
117	Fires of 1 head each	117	112	Fires of 1 head each	112	Sub-Basement	2	O. K. Partially Operative Shut Off	187 6 23	
374	" " 2 heads "	74	37	" " 2 heads "	74	Basement	80			
21*	" " 3 " " "	63	20	" " 3 " " "	60	First-floor	39			
8	" " 4 " " "	32	8	" " 4 " " "	32	Second "	21			
6	" " 5 " " "	30	4	" " 5 " " "	20	Third "	18			
7	" " 6 " " "	42	6	" " 6 " " "	36	Fourth "	25			
5	" " 7 " " "	35	4	" " 7 " " "	28	Fifth "	20			
1	" " 8 " " "	8	1	" " 8 " " "	8	Sixth "	7			
5	" " 9 " " "	45	4	" " 9 " " "	36	Eighth "	1			
2	" " 10 " " "	20	1	" " 10 " " "	10	Ninth "	1			
4	" " 11 " " "	44	4	" " 11 " " "	44	Roof (Pent House)	2			
10	" " 16 " " "	16								
1x	" " 22 " " "	22								
1-	" " 202 " " "	202								
216	Totals	750	Totals			460	Totals			216	Totals	216

* 2 Fires operated 1st and 2nd floors.
 † 1 " " 1st and 4th "
 † 1 " " Basement and 1st floor
 † 1 " " 1st, 2nd and 3rd floors
 x 1 " " 1st and 2nd floors
 = 1 " " 4th and 5th "

RUPTURED HEADS AND PIPES.

Sprinklers Ruptured	Heads and Pipes	Causes	No.	Condition of System when left	O. K.	Parti. oper.	Shut off	
32	Breaks of 1 head ea.	Water freezing in heads	11	Condition	10		1	
1	" " 2 heads ea.	" " "couplings	3		2		1	
3	" " Couplings	" " "elbows	8		3	1	4	
10	" " Elbows	" " "pipes	8		4		4	
20	" " Pipes	Striking heads	7		4		3	
2	" " Valves	Defective heads	14		"	14		
		Tampering with heads	1		"	1		
		Defective elbows	2		"		1	
		Striking pipes	9		"	2	2	
		Defective valves	2		"		1	
		Hanging chain on pipe	1				1	
		Unknown	2					
68	Totals	Totals	68		Totals	40	6	22

DUTY PERFORMED

Hours service 68h. 20m. Detailed duty 26h. 5m. Extra service 1h. 46m. Covers spread 352

TROUBLES.

Alarm pots, defective.....	3
Closing and opening valves (1 city 1 drip).....	2
Fuse blowing out (Transmitter).....	1
Leaky couplings.....	1
" valves (1 city, 1 section, 2 drips).....	4
Pumping up pressure.....	3
Striking Transmitter.....	2
Short circuit in alarm wires.....	1
Testing alarm bell.....	1
Transmitter, defective.....	2
Unknown.....	44
Water hammer.....	38
" in dry pipe system.....	57
Working on system.....	12
Totals.....	171

DUTY PERFORMED

Hours service 92h. 33m. Detailed duty 79h. 5m.

DISTRICTS WHERE FIRES OCCURRED OR ALARMS
WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2483
Roxbury District.....	1328
Charlestown.....	354
East Boston.....	506
South Boston.....	510
Dorchester.....	1176
West Roxbury.....	643
Brighton.....	506
Hyde Park.....	264
Boston Harbor.....	1
Brookline.....	4
Cambridge.....	2
Dedham.....	5
Somerville.....	2
Milton.....	1
Quincy.....	1
Winthrop.....	1
Total.....	7,787

WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1926					
January	699	Monday	1244	Day Service	6 to 7 A.M. ... 114
February	549	Tuesday	1077		7 to 8 " ... 139
March	607	Wednesday	1055		8 to 9 " ... 207
April	1024	Thursday	1164		9 to 10 " ... 309
May	677	Friday	1114		10 to 11 " ... 315
June	717	Saturday	1206		11 to 12 Noon ... 364
July	794	Sunday	927		12 to 1 P. M. ... 354
August	453			Night Service	1 to 2 " ... 422
September	458				2 to 3 " ... 451
October	522				3 to 4 " ... 425
November	591				4 to 5 " ... 459
December	696				5 to 6 " ... 543
Totals.....	*7787		*7787		6 to 7 " ... 511
					7 to 8 " ... 514
					8 to 9 " ... 500
					9 to 10 " ... 576
					10 to 11 " ... 445
				11 to 12 Midnight. 320	
				12 to 1 A. M. ... 229	
				1 to 2 " ... 159	
				2 to 3 " ... 133	
				3 to 4 " ... 117	
				4 to 5 " ... 98	
				5 to 6 " ... 83	
					*7787

*2 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 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 indse.	Detail after fires.
	City Boxes.	Still.	Automatic.										At fires and sprinkler calls.	On roofs after fires.	Protecting indse. after fires.				
Jan. 1926	326	271	27	17	0	0	3	56	700	23	43	3	1693	53	15	10	535.25	31.47	432.48
Feb. "	240	255	15	17	0	0	5	22	554	18	30	2	885	54	13	7	489.39	27.16	366.04
Mar. "	275	257	11	9	0	0	4	54	608	18	12	1	1138	47	4	7	420.20	33.42	321.59
Apr. "	440	277	13	5	0	0	7	288	1027	18	12	2	880	62	5	6	513.35	18.06	313.36
May "	311	223	10	8	0	0	3	124	683	18	14	1	804	66	0	1	400.40	37.05	346.55
June "	334	241	11	6	0	0	3	124	719	16	10	1	871	52	0	1	388.21	20.45	305.11
July "	425	197	19	12	1	0	5	136	795	16	18	6	819	41	1	16	438.24	25.22	328.21
Aug. "	237	145	6	10	0	0	3	52	453	11	15	1	840	18	0	4	257.41	16.09	197.51
Sept. "	233	156	6	5	0	0	3	58	461	9	8	1	515	39	0	4	246.31	14.26	197.02
Oct. "	250	191	12	10	1	0	15	57	523	16	21	4	503	32	0	3	274.52	8.47	129.30
Nov. "	285	205	15	5	0	0	15	71	596	14	12	2	1216	46	243	8	379.27	35.50	451.22
Dec. "	328	289	26	14	0	12	37	37	706	39	44	3	1162	53	3	4	524.35	24.12	365.01
Totals	3694	2707	171	118	2	54	1079	7825	216	239	27	11336	563	284	71	4,869.30	293.27	3,755.43	

* 16 Alarms for assistance from other cities and towns not included

GRADE OF LOSSES FOR 1926.

5078	Alarms with no loss		\$41,471.27
1016	Fires with loss under		
764	" " " " " "	\$100	175,739.85
270	" " " " " "	\$100 to \$500	187,939.37
410	" " " " " "	\$500 to \$1,000	954,675.92
88	" " " " " "	\$1,000 to \$5,000	618,945.39
38	" " " " " "	\$5,000 to \$10,000	470,657.01
1	" " " " " "	\$10,000 to \$15,000	
1	Over \$15,000		
1	Jan. 6, 1926,	332-40 Summer St., Kistler Lesh & Co., Inc., et al	267,102.79
1	" 11	39-41 West St., I. Schneider, et al	16,622.03
1	" 13	20-30 Maverick Sq., Maverick Realty Co.	54,102.00
1	" 16	380-2 Boylston St., C. Fisher Inc., et al	15,876.77
1	" 23	18-24 Simmons St., A. J. Tower Co.	25,000.00
1	" 24	27-35 Exchange St., Boston Curb Exchange, et al	22,009.37
1	" 31	1063-3A Blue Hill Ave., Mrs. L. Cohen, et al	16,677.90
1	Feb. 4,	1 W. Third St., Gerstein Bros. & Cooper	24,306.42
1	" 6	16-22 Hayward Pl., J. Simon, et al	23,329.64
1	" 9	97 South St., St. Thomas Parish House	21,539.50
1	" 13	24 North St., W. T. Crowther & Son, et al	18,059.87
1	" 16	52-4 Devonshire St. & 22 Congress Sq., Clark's Inc., et al	25,616.12
1	" 19	280-4 Commercial St., Commercial Reed & Rattan Co., et al	20,851.93
1	" 19	50-62 Hanover St., M. C. Rosenfeld Co., et al	45,142.32
1	" 21	646-50A Huntington Ave., Huntington Ave. Home Pharmacy, et al	34,980.17
1	" 21	59-65 Temple Pl., R. Saronoff, et al	25,791.31
1	" 22	177-9 Washington St., Babcock's Lunch & Bakery, et al	24,896.75
1	" 27	1255-63 River St., E. Snyder, et al	18,261.76
1	Mar. 3,	29-33 Sleeper St., Twitchell Champlin Co., et al	25,043.50
1	" 5	695 Atlantic Ave., Essex Envelope Co., et al	21,430.85
1	" 12	37-9 Pearl St., Mass. Envelope Co., et al	29,809.34
1	" 13	63 Long Whf., M. L. Hall Co., et al	143,501.10
1	" 13	119-35 Hanover & 64-8 Union Sts., Monarch Clothing Co., et al	72,549.91
1	" 15	1797-1807 Washington & 138 Northampton Sts., L. H. Gans, et al	15,671.89
1	" 25	50-54 Sudbury St., T. J. Holmes, et al	18,113.50
1	Apr. 8,	89-97 Federal St., Henderson Bros., et al	27,138.74
1	May 2,	569-71 Columbus Ave., Mrs. A. Mueller, et al	18,860.00
1	" 3	104-14 Lincoln St., Burtman Rondeau Co., et al	143,139.03
1	" 8	24 Jersey St., Boston American League Baseball Co., et al	26,705.00
1	June 18,	24 Ralston Rd., Massachusetts Potteries Co., et al	25,451.64
1	" 21	121-5 Kingston St., Berger Dry Goods Co.	21,575.62
1	" 25	659-65 Washington St., Max Goldman, et al	16,072.59
1	" 28	23-5 Commercial St., North American Creamery Co., et al	35,825.16
1	" 28	73-85 Bedford St., Manhattan Collar Co., et al	32,574.05
1	" 29	Mystic Wharf, Boston & Maine R. R.	25,000.00
1	" 30	9 Lotus Pl., Kinney Mfg. Co	15,767.53
1	" 30	20-6 Kingston St., Lion Neckwear Co., et al	41,863.00
1	July 6,	638-48 Warren St., King Solomon K. P. Lodge, et al	17,994.35
1	" 8	626-36 Washington St., Hub Cloak & Suit Co., et al	21,717.62
1	" 16	242 Beacon St., G. C. Lee, et al	66,847.68
1	" 19	1653-63 Blue Hill Ave., J. F. Glynn, et al	15,499.00
1	" 21	263-7 Atlantic Ave., D. J. Koury Co., et al	46,481.49
1	" 23	80 Border St., Atlantic Works, et al	342,757.55
1	Aug. 18,	28-30 Canal & 27-9 Merrimac Sts., Wm. Leavens & Co., et al	196,595.03
1	" 19	133 Halleck St., J. A. De Vito Co.	66,068.00
1	" 20	69 Broad St., National Remedy Co., et al	19,469.72
1	" 23	17-19 Ferry St., Miller Bros., et al	16,617.00
1	Sept. 6,	196 Marlborough St., Mrs. M. Handy, et al	59,419.63
1	" 6	360 Columbus Ave., J. Rosenfield, et al	15,255.96
1	" 17	11-17 Kingston St., Friedman Fashion Hat Co., et al	17,602.58
1	" 28	52-54 Commercial St., Kay Furniture Co., et al	25,096.40
1	Nov. 6,	94-8 Washington & 28-34 Friend Sts., Hoover Furniture Co., et al	60,057.28
1	" 15	280-90 Commercial St., Carlisle Ayer Co.	34,598.91
1	" 27	149 Hemenway St., E. L. Brodie, et al	17,124.00
1	" 27	440-446 Tremont St., New England Film Laboratories, et al	21,662.64
1	Dec. 7,	178-88 Harvard Ave., Sunshine Art Stores, et al	40,672.42
1	" 8	250 Commercial St., Lord & Webster, et al	19,258.77
1	" 12	180-8 Congress St., Arnold Roberts Co., et al	35,506.59
1	" 16	17-19 Dixwell St., S. Ginsberg, et al	18,754.00
1	" 19	770 Washington St., Taylor Furniture Co.	20,270.24
1	" 24	467-9 Washington St., Hudson Cloak & Suit Co., et al	58,214.00
1	" 25	59-61 Cambridge St., Liberty Tobacco Co., et al	15,202.54
1	" 31	65-7 Merrimac & 115-17 Portland Sts., Haymarket Electric Supply Co., et al	25,533.74
7727	Marine Losses		5,199,965.05
17			31,487.00
7744	Rent Losses		5,231,452.05
			37,489.82
43	Sprinkler Losses (no fire)	28,457.78	5,268,941.87
7787			

CAUSES OF ALARMS AND OF ALARMS WITH LOSS
DURING 1926.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	16	
Arson		
Ashes		
Benzine.....		
Boilers		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	141	71
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity	451	218
4 Explosions	159	80
5 Exposure	158	152
5a False and Needless Alarms.....	560	
6 Fireworks, Fire Crackers, Balloons, etc.....	74	45
Flues		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	41	24
Furnaces		
Gas		
8 Gas—Natural and Artificial	47	22
Gasolene		
9 Hot Ashes and Coals.....	88	48
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	94	21
11 Hot or Molten Metal	8	5
Hot Water Pipes.....		
12 Incendiarism	13	12
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodded.....		
14 Lightning—buildings not rodded.....	1	1
Locomotives.....		
15 Matches	891	580
16 Miscellaneous—Cause known but not Classified.....	417	40
17 Open Fires	136	3
18 Open Lights.....	127	80
19 Petroleum and its products.....	133	50
Pickers		
Railroad		
19a Rekindling of a previous fire.....	12	1
20 Rubbish and Litter.....	1582	14
21 Smoking	633	412
22 Sparks—Arising from combustion.....	149	83
23 Sparks on Roof.....	81	70
24 Spontaneous Combustion.....	93	61
24a Sprinklers	239	43
Stacks		
25 Steam and Hot Water Pipes.....	14	7
26 Stoves, Furnaces, Boilers and their pipes.....	969	175
Stove Pipes		
27 Unknown	460	391
28 Unknown origin but investigation important.....		
Totals.	7787	2709

This table includes 1079 fire department still alarms of which we were not notified, 2 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. 1926	\$5,896,958.00	\$286,510.65	\$5,582.40	\$5,399,202.20	\$440,994.38	\$10,153.55	\$112,700.00	\$10,207.93	\$20,000.00	\$11,860.00
Feb. "	3,146,863.00	291,223.52	7,172.07	2,832,749.00	300,287.42	13,433.25	37,850.00	30.00	5,000.00	30.00
Mar. "	3,183,082.03	219,006.20	6,913.36	2,588,731.00	320,473.42	6,276.17	37,850.00	600.00	9,000.00	600.00
Apr. "	10,366,530.60	741,767.84	2,100.00	1,803,952.00	192,153.77	6,718.15	37,850.00	3,203.76	1,000.00	873.00
May "	3,353,802.50	186,248.56	2,460.00	1,804,928.00	192,130.77	9,574.11	38,000.00	11,479.94	6,000.00	205.00
June "	4,324,871.66	135,824.33	3,209.53	1,656,881.00	232,483.52	8,066.57	32,200.00	780.44	1,000.00	1,579.00
July "	5,412,502.00	299,154.08	3,909.63	2,556,881.59	417,594.34	8,418.50	4,000.00	6,015.00	6,000.00	11.50
Aug. "	6,207,027.00	174,768.21	3,273.15	803,646.59	274,841.31	1,383.13	23,750.00	5,236.30	2,000.00	200.00
Sept. "	7,203,971.00	67,882.82	32,506.75	1,896,004.00	73,881.52	3,369.00	7,500.00	2,000.00	13,000.00	1,952.30
Oct. "	6,320,972.00	79,951.92	4,464.20	1,380,159.00	50,438.25	3,948.72	53,800.00	2,050.00	8,000.00	3,214.64
Nov. "	7,504,555.00	199,002.71	2,251.40	3,325,488.00	142,438.05	11,636.50	20,000.00	7,632.00	167,000.00	13,966.91
Dec. "		286,703.83	3,300.00		217,830.11	13,712.76				
Totals	\$75,751,568.79	\$2,378,052.17	\$85,142.62	\$24,204,651.79	\$2,613,899.99	\$122,870.27	\$289,300.00	\$37,489.82	\$99,000.00	*\$31,487.00
									\$215,000.00	\$28,457.78

*Loss on Vessels not insured \$12,580.00.

*Insured loss on Vessels \$18,307.00.

STATISTICS FOR YEAR ENDING
DECEMBER 31, 1926

Population	793,000	
Area Square Miles.....	47.81	
Number of Brick, Stone, Concrete, Steel frame, B, etc..	39,333	} *124,633
" " Wooden Buildings.....	85,300	
" " Alarms, exclusive of False and Needless.....	6,972	} 7,787
" " False and Needless Alarms.....	560	
" " Calls to assist other Cities and Towns.....	16	
" " Sprinkler System breaks and defects.....	239	
" " Fires in Brick and Stone Buildings.....	2,551	} 6,972
" " Fires in Wooden Buildings.....	1,850	
" " Fires in Concrete Blocks.....	68	
" " Fires in Fireproof.....	1	} 6,972
" " Fires in Ironclad.....	18	
" " Fires in Reinforced Concrete.....	0	} 2,484
" " Fires not originating in Buildings.....	2,484	
" " Fires confined to floor where fire originated.....	3,961	} 4,488
" " " confined to Building but not to floor of origin.....	368	
" " " extending to adjoining Build- ing.....	111	
" " " extending beyond adjoining Building	48	
" " " originating in Automobiles..	520	} 2,484
" " " not originating in Buildings	1,885	
" " " not originating in, but invol- ving Buildings	79	

* January 1, 1927. 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	\$75,850,568.79	\$24,204,651.79	\$100,055,220.58
Total Insurance Loss	2,396,959.17	2,613,899.99	5,010,859.16
Total Loss (insured and uninsured)	2,494,681.79	2,736,770.26	5,231,452.05
Rents insured.....			37,489.82
Losses on buildings and contents in which fires originated, i.e., direct losses	2,413,916.99	2,708,188.57	5,122,085.56
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	80,764.80	28,581.69	109,366.49

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
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
1925	7678	4998	1005	831	253	390	104	31	66
1926	7787	5078	*1045	*773	*277	*422	*90	39	63

*43 Sprinkler losses included, viz., 27 under \$100. 4 from \$100 to \$500.
5 from \$500 to \$1,000. 6 from \$1,000 to \$5,000. 1 from \$10,000 to \$15,000.

**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.
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
1925	7,678	2,632	5,474,749.06	713.04	2,080.07
1926	7,787	†2,709	5,268,941.87	676.63	1,944.98

The above tables include Still Alarms.

† Does not include 43 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

1926

HENRY E. THOMPSON,
Supt. Boston Protective Department.

Dear Sir:—Your Medical Officer respectfully submits the following report for the year ending December 31, 1926:

Promotions. Examinations for.....	30
Members. Visits to sick.....	36
Members. Visits to injured.....	24
Physicians reports. Attending.....	92
Special reports.....	2
Certificates. Return to duty.....	58

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

DESCRIPTIVE LIST OF MOTOR APPARATUS

Relation	Put in Service.	Maker's name	No.	Cooling System	Cylinders.		Wheel Base.	Tire size.		Weight Loaded.	Company Assigned	Remarks.
					No.	Size.		H.P.	Front.				Rear.
3	Oct. 17, 1910	Knox Auto. Co.	3788	W	4	5 1/2	48	38 x 7	40 x 8	11,000	2	
7	Nov. 10, 1914	The White Co.	21625	W	6	4 1/4	43	38 x 7	40 x 8	10,590	1	
8	" " "	" " "	21626	W	6	4 1/4	43	38 x 7	40 x 8	10,530	1	
10	Aug. 18, 1916	" " "	26414	W	6	4 1/4	43	38 x 7	40 x 8	10,700	3	
12	Mar. 30, 1918	" " "	42874	W	6	4 1/4	43	38 x 7	40 x 8	10,400	3	Condemned
13	Mar. 19, 1918	" " "	51584	W	4	4 1/4	28	38 x 7	40 x 8	10,700	2	
14	Sep. 19, 1920	Ford	4051684	W	4	3 3/4	22	30 x 3 1/2	32 x 4 1/4	10,700	3	
15	Sep. 4, 1923	Mack Motor Co.	472120	W	4	4 1/4	28	38 x 7	40 x 8	9,630	3	
16	Mar. 24, 1924	The Buick Co.	4188871	W	6	3 3/4	27	33 x 5	33 x 5	11,000	3	
17	Aug. 5, 1924	Mack Motor Co.	472115	W	4	4 1/4	28	38 x 7	40 x 8	11,000	1	

W — Water.

S. Superintendent

CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1926		Totals	
		Calls	Miles	Calls	Miles
3	1910-1925 Inclusive	8,052	18,913.6	8,089	19,041.1
7	1914-1925	6,027	10,787.4	6,440	11,691.0
8	" " "	6,393	11,587.7	6,827	12,599.2
10	1916-1925	5,353	22,418.4	6,393	28,914.0
12	1918-1925	5,455	23,083.3	6,954	27,656.2
13	1918-1925	5,801	14,106.7	6,395	15,588.2
14	1920-1925	3,359	10,423.7	4,779.4	13,790.1
15	1923-1925	1,337	6,899.0	3,017	14,202.1
16	1924-1925	1,376	6,105.9	3,053	15,111.6
17	1924-1925	376	1,262.6	1,296	2,607.9
E		.....	15,262.6	.....	24,769.6

	Nov. 10, 1914.	Nov. 10, 1914.	Oct. 17, 1910	Aug. 8, 1916	Mar. 30, 1918	Sept. 19, 1919	Sept. 4, 1920	Sept. 4, 1923	Mar. 24, 1924	May 2, 1924	Aug. 5, 1924
	The White Co.	The White Co.	Knox Motor Co	The White Co.	The White Co.	The White Co.	Ford Service	Mack Motor Co.	Mack Motor Co.	The Buick Co.	Mack Motor Co.
Company Nos.	1a.	1a.	2.	Unassigned	Unassigned	2a.	4051284	2	3.	1.	1.
Makers No.	21625	21626	3788	26414	42874	51184	472114	471420	472114	1188871	472115
Expense.	1926	1926	1926	1926	1926	1926	1926	1926	1926	1926	1926
Pat in service.....											
Makers.....											
Repairs.....	\$ 1.81	\$ 3.97	\$ 1.81	\$ 3.97	\$ 3.97	\$ 53.00	\$ 100.00	\$ 3.90	\$ 4.00	\$.75	\$ 42.50
Painting.....											
Bell.....											
Repairs.....	86.48	10.16	171.13	9.85	11.77	33.93	10.95	224.94	22.56	32.75	42.50
Chassis—											
Shock Absorber.....											
Electric—											
Lighting.....	2.43	2.63	2.64	2.63	6.25	7.05	15.91	6.78	40.00	2.85	12.21
Starting.....	42.71	22.53	22.30	22.53	55.80	4.11	16.68	25.20	10.62		
Batteries.....	.10	55.80	34.00	55.80	55.80	10.50	12.22			14.14	.25
Engine—											
Repairs.....	587.74	28.42	299.72	28.42	52.68	90.32	97.23	142.19	206.69	160.90	317.57
Cases—											
New.....	137.95	262.90	125.00	262.90	10.00			5.50	30.00	124.30	2.50
Repairs.....											
Tubes—											
New.....	17.25	20.75	20.75	20.75	17.25		7.00		15.25	20.15	2.00
Repairs.....	.50	4.50	1.00	4.50	1.00	1.50	1.50	2.00	10.00	3.55	2.00
Rims—											
New.....											
Repairs.....											
Chains, etc.	10.00	30.00	4.75	30.00	17.00	10.00	10.00	30.00	60.00	20.00	20.00
Hooks.....	1.00	2.00	1.00	2.00	1.00	1.00	1.00		3.50		3.50
Accessories	13.05	12.34		12.34	22.15	15.10	8.03	36.92	10.45	22.88	17.53
Totals.....	\$856.50	\$116.19	\$217.37	\$890.62	\$217.20	\$225.51	\$180.52	\$581.93	\$667.32	\$523.86	\$418.06

SUPPLIES AND TOOLS

	Co. No. 1	Co. No. 2	Co. No. 3	Total
Gasoline.....	\$301.00	\$357.40	\$1183.00	\$1841.40
Oil.....	62.76	68.32	346.02	477.10
Grease.....	9.00	11.04	6.00	26.04
Soap.....	20.68	21.62	40.42	82.72
Polish.....	18.00	18.00	15.00	51.00
Tools new and repld.....	22.13	8.00		30.13
Totals.....	\$433.57	\$484.38	\$1590.44	\$2508.39