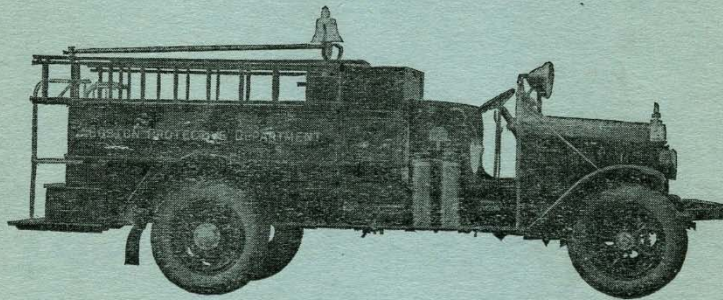


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**Boston Protective Department**



**FIFTY-SIXTH**

**ANNUAL REPORT**

**FOR THE CALENDAR YEAR**

**1929**

FIFTY-SIXTH

ANNUAL REPORT

OF THE

**Boston Protective Department**

FROM

January 1, 1929 to January 1, 1930



## OFFICERS

---

*President:*

T. H. RATIGAN

*Vice-President:*

G. B. PROCTOR

*Directors:*

TO SERVE UNTIL MARCH, 1930

T. H. RATIGAN

A. K. POPE

WILLARD C. HILL

TO SERVE UNTIL MARCH, 1931

J. J. CORNISH

H. G. FAIRFIELD

EDMUND WINCHESTER

TO SERVE UNTIL MARCH, 1932

G. B. PROCTOR

A. W. BURKE

W. E. BURRAGE

*Secretary-Treasurer:*

CHARLES W. GOODING

*Acting Superintendent:*

PETER E. WALSH

*Medical Officer:*

DR. WM. F. TEMPLE, JR.

BOSTON, January 1, 1930.

TO THE MEMBERS OF THE  
BOSTON PROTECTIVE DEPARTMENT:

The Directors submit herewith the 56th 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 twenty thousand dollars.

For the Directors,

T. H. RATIGAN,

President.



TREASURER'S REPORT

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CURRENT INCOME AND EXPENSE ACCOUNT FOR THE YEAR  
ENDING DECEMBER 31, 1929

## RECEIPTS:

Assessments .....	\$170,162.13
Interest .....	370.57
Special Service .....	1,783.33
Transferred from Reserve .....	37,500.00
1928 Balance .....	271.21
	\$210,087.24

## EXPENDITURES:

Pay Roll and Salaries .....	\$176,208.21
Repairs of Houses .....	3,972.20
Telephone and Fire Alarm .....	1,337.22
Water, Light and Fuel .....	3,260.92
Printing, Stamps and Office Supplies .....	886.00
Auto Supplies and Repairs .....	3,747.98
Miscellaneous Department Supplies .....	1,973.96
New Equipment and Furnishings .....	521.62
Repairs of Equipment .....	681.41
Rent and Taxes .....	9,515.25
Compensation and other Insurance .....	4,886.48
Sundries .....	1,654.42
	\$208,645.67
Total Expenditures .....	\$208,645.67
Balance, December 31, 1929 .....	1,441.57
	\$210,087.24

CHARLES W. GOODING, *Treasurer.*

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STATEMENT OF ASSESSMENTS MADE IN 1929

## July 1, 1928, to December 31, 1928:

Premiums on Fire & Sprinkler		
Damage .....	\$4,202,101.74 at 2%	\$84,043.29

## January 1, 1929, to July 1, 1929:

Premiums on Fire & Sprinkler		
Damage .....	\$4,327,793.58 at 2%	\$86,530.61

\$170,573.90

Un-collected Assessments .....	411.77
--------------------------------	--------

170,162.13

## July 1, 1929, to December 31, 1929:

Premiums on Fire & Sprinkler		
Damage .....	\$4,157,220.75 at 2½%	\$103,930.87

## SUPERINTENDENT'S REPORT.

HEADQUARTERS BOSTON PROTECTIVE DEPARTMENT }  
OFFICE OF SUPT., NO. 3 INDIA SQ. }

BOSTON, January 1st, 1930.

TO THE PRESIDENT AND BOARD OF DIRECTORS:

Gentlemen:— I herewith submit the Fifty-sixth Annual Report of operations of the Department for the year ending December 31st, 1929.

## CALLS AND SERVICE

The department responded to 4,415 City boxes, 2,272 Verbal, 134 Boston Automatic Fire Alarms, 77 American District Telegraph, which includes 56 Sprinkler Breaks, 162 Sprinkler Troubles, Total 6898; also 23 Water Damages, Total calls 6921.

The service rendered was 83 fire extinguishers used, 7,881 covers spread on merchandise at fires and other calls, 474 covers on roofs, 127 covers protecting merchandise after fires from storms. Total covers used 8,482.

The hours service were 4,518.45 at fires, 220.59 protecting merchandise &c after fires, and 2,948.08 privates detailed after fires. Total 7,687.52.

OF THE 8,336 ALARMS, 5,584 ALARMS OR 66.99 PER CENT WERE WITHOUT LOSS. (See grade of losses.)

The total loss on buildings, contents, rents, vessels and cargoes was \$4,195,151.81 divided as follows;

	Losses		Totals
	Insured	Not Insured	
Buildings .....	\$2,151,116.25	\$179,310.64	\$2,330,426.89
Contents .....	1,644,613.23	154,886.29	1,799,499.52
Rents & U. & O.....	16,509.12	—	16,509.12
Vessels .....	31,474.28	17,242.00	48,716.28
<b>Totals .....</b>	<b>\$3,843,712.88</b>	<b>\$351,438.93</b>	<b>\$4,195,151.81</b>

## WATER DAMAGE OTHER THAN FIRES.

	Losses		Total
	Insured	Not Insured	
Building.....	—	\$605.00	\$605.00
Contents.....	—	2,170.00	2,170.00
		<b>\$2,775.00</b>	<b>\$2,775.00</b>

Total calls, 23 (16 with losses). On duty 16h. 36m. Covers spread 32.



ORGANIZATION OF DEPARTMENT.  
Acting Superintendent, PETER E. WALSH.

Co. No. 1. 124 Broad 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.....	22	.....	20	.....	17	59
Third ".....		.....	1	.....		1
<b>Totals</b>	<b>25</b>		<b>24</b>		<b>20</b>	<b>69</b>

CAPTAINS

PENSIONERS

2  
71

OPERATIONS OF THE DEPARTMENT.

	Co.No.1	Co.No.2	Co.No.3	
Responses to Alarms. {	City Boxes.....	1292	1493	2449
	Still .....	554	675	1254
	Automatic .....	120	69	10
	A. D. T.....	81	53	8
	<b>Totals .....</b>	<b>2047</b>	<b>2290</b>	<b>3721</b>
Responded to by {	Automobiles .....	1559	2310	3436
	Privates in outlying districts...	699	.....	296
Hours Duty {	At fires and responding to calls	1328.11	1296.35	1893.59
	After fires protecting mdse.....	77.22	98.56	44.41
	Details after fires.....	1704.52	909.50	333.26
	<b>Totals .....</b>	<b>3110.25</b>	<b>2305.21</b>	<b>2272.06</b>
Covers Used {	At fires and sprinkler calls.....	3322	2842	1717
	On roofs after fires.....	177	133	164
	Protecting mdse. after fires.....	55	1	71
<b>Totals .....</b>	<b>3554</b>	<b>2976</b>	<b>1952</b>	
Extinguishers used .....	21	49	13	

*The Second Section was called in service as follows:*

	Co.No.1	Co.No.2	Co.No.3	
On First Alarms {	When first out section was at fire	186	294	550
	When both sec. were at previous fire	23	39	36
	While cov. adj. company district	12	50	38
On Second Alarms.....	33	33	37	
On Telephone calls.....	31	23	8	
On Messenger calls.....	2	1	.....	
To Cover Adjoining company district....	102	255	107	
<b>Totals .....</b>	<b>389</b>	<b>695</b>	<b>776</b>	

	Co.No.1	Co.No.2	Co.No.3
No. fires at which roofs were protected .....	85	61	70

SPRINKLER RECORD.  
FIRES.

Sprinklers Operating		Heads	Sprinkler Heads Replaced			Heads	Where Sprinkler Heads Operated	No.	Condition of System when left	No.
116	Fires of 1 head each	116	110	Fires of 1 head each	110	Sub-Basement	1	O. K.	172	
41	" " 2 heads "	82	39	" " 2 heads "	78	Basement	65	Partially Operative	8	
* 15	" " 3 " "	45	13	" " 3 " "	39	First-floor	47	Shut Off	21	
8	" " 4 " "	32	8	" " 4 " "	32	Second "	16			
3	" " 5 " "	15	3	" " 5 " "	15	Third "	16			
1	" " 6 " "	6	1	" " 7 " "	7	Fourth "	21			
3	" " 7 " "	21	3	" " 9 " "	27	Fifth "	18			
4	" " 9 " "	36	1	" " 10 " "	10	Sixth "	13			
1	" " 10 " "	10	2	" " 11 " "	22	Eighth "	1			
2	" " 11 " "	22	1	" " 14 " "	14	Ninth "	1			
3	" " 12 " "	36	1	" " 17 " "	17	Eleventh floor	1			
1	" " 14 " "	14	1	" " 18 " "	18	Thirteenth "	1			
1	" " 17 " "	17								
1	" " 18 " "	18								
1	" " 39 " "	39								
201	Totals	509		Totals	389	Totals	201	Totals	201	

\* 1 Fire operated Basement and first floor

RUPTURED HEADS AND PIPES.

Sprinklers Ruptured		Heads	Causes	No.	Condition of System when left	No.
30	Breaks of 1 head ea.	30	Water freezing in heads	9	O. K.	35
1	" " Couplings		" " " valve	1	Partially Oper.	7
8	" " Elbows		" " " elbows	6	Shut Off	14
14	" " Pipes		" " " pipe	1		
1	" " Nipple		Defective heads	13		
1	" " Valve		" pipes	2		
1	" " Stuffing Box		" couplings	1		
			" elbow	1		
			Striking pipe	8		
			" head	8		
			" nipple	1		
			" elbow	1		
			Broken pipe	2		
			Leaky pipe	1		
			Leaky Stuffing Box	1		
			Unknown	1		
56	Totals	30	Totals	56	Totals	56

DUTY PERFORMED

Hours service 51h. 15m. Detailed duty 2h. 28m. Extra service 6h. 37m. Covers spread 193

TROUBLES.

Alarm pots, defective.....	10
Water hammer.....	32
Working on system.....	15
Water in dry pipe system.....	61
Pumping up pressure.....	4
Leaky head.....	2
Unknown.....	25
Alarm Bell, defective.....	2
Blowing of fuse, transmitter.....	1
Shutting off system by mistake.....	1
Opening valves by mistake.....	1
Testing.....	3
Transmitter, defective.....	1
Leaky valves.....	2
Alarm sent by mistake.....	1
Trip valve, defective.....	1
<b>Totals.....</b>	<b>162</b>

DUTY PERFORMED

Hours service 91h. 52m. Detailed duty 82h. 59m. Cover spread 43



DISTRICTS WHERE FIRES OCCURRED OR ALARMS  
WERE GIVEN

Including Fire Department Still Alarms.

City Proper.....	2484
Roxbury District.....	1339
Charlestown.....	428
East Boston.....	497
South Boston.....	600
Dorchester.....	1402
West Roxbury.....	749
Brighton.....	514
Hyde Park.....	302
Boston Harbor.....	2
Brookline.....	2
Cambridge.....	4
Dedham.....	5
Somerville.....	2
Milton.....	5
Newton.....	1
Total.....	8,336

WHEN ALARMS OCCURRED

Months		Days of Week.		Hours of the Day	
1929					
January.....	789	Monday.....	1088	Day Service	6 to 7 A.M. .... 111
February.....	523	Tuesday.....	1294		7 to 8 "..... 137
March.....	751	Wednesday.....	1193		8 to 9 "..... 212
April.....	648	Thursday.....	1213		9 to 10 "..... 287
May.....	603	Friday.....	1234		10 to 11 "..... 326
June.....	708	Saturday.....	1128		11 to 12 Noon..... 419
July.....	932	Sunday.....	1186		12 to 1 P. M. .... 444
August.....	735			Night Service	1 to 2 "..... 454
September.....	654				2 to 3 "..... 493
October.....	777				3 to 4 "..... 505
November.....	607				4 to 5 "..... 555
December.....	609				5 to 6 "..... 620
Totals.....	*8336		*8336		6 to 7 "..... 515
					7 to 8 "..... 576
					8 to 9 "..... 537
					9 to 10 "..... 489
					10 to 11 "..... 421
					11 to 12 Midnight. 334
					12 to 1 A. M. .... 278
				1 to 2 "..... 186	
				2 to 3 "..... 143	
				3 to 4 "..... 116	
				4 to 5 "..... 91	
				5 to 6 "..... 87	
					*8336

\*6) 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 fires and responding to calls		Duty after fires.	
	City Boxes.	Still.	Automatic.									At fires and sprink- ler calls.	On roofs after fires.	Protecting indse. after fires.		Hrs. m	Hrs. m	Hrs. m	Hrs. m
Jan. 1929	411	252	20	9	1	2	94	789	28	31	4	984	58	7	10	521.50	36.28	197.53	
Feb. "	253	212	11	11	0	1	35	523	23	11	2	877	43	2	7	388.27	24.14	349.56	
Mar. "	382	221	8	8	0	2	132	752	19	13	3	1069	60	0	9	476.40	21.15	533.02	
April "	331	184	9	8	0	2	112	646	15	15	4	561	36	0	10	334.28	16.13	168.50	
May "	325	175	8	6	1	1	88	604	19	16	1	626	21	8	5	320.24	13.12	256.28	
June "	363	152	10	5	2	1	175	708	13	16	2	199	29	2	6	267.36	6.46	123.21	
July "	482	197	10	3	0	2	239	933	12	19	3	689	34	54	9	396.10	21.18	217.00	
Aug. "	419	156	11	3	0	6	143	738	7	22	2	327	40	13	7	304.14	10.48	119.42	
Sept. "	382	150	11	6	1	0	101	651	15	24	0	739	41	1	4	368.28	21.03	328.58	
Oct. "	419	197	11	2	1	4	145	779	15	15	7	559	36	20	4	400.58	20.53	158.34	
Nov. "	318	178	10	6	0	0	95	609	13	13	1	605	30	18	1	350.53	13.26	162.57	
Dec. "	330	198	15	11	0	0	54	608	22	23	2	646	46	2	11	388.37	15.23	331.27	
Totals	4415	2272	134	77	6	23	1413	8340	201	218	35	7881	474	127	83	4,518.45	220.59	2,948.08	

\* 19 Alarms for assistance from other cities and towns not included.



## GRADE OF LOSSES FOR 1929.

5584	Alarms with no loss			
1054	Fires with loss under	\$100		\$40,712.61
808	" " " from	\$100 to \$500		187,681.17
239	" " " "	\$500 to \$1,000		169,993.43
438	" " " "	\$1,000 to \$5,000		1,006,439.83
86	" " " "	\$5,000 to \$10,000		610,087.98
28	" " " "	\$10,000 to \$15,000		334,333.98
	<b>Over \$15,000</b>			
1	Jan. 1, 1929	1783-9 Washington St., Worthy Lunch Co., et al		25,236.85
1	" 7, "	183 Walnut Ave., Jennie Cantor, et al		20,455.64
1	" 10, "	60 Mass. Ave., National Casket Co.		55,827.37
1	" 16, "	1-3 Elbow St., Bay State Casket Co., et al		25,429.50
1	" 31, "	18 Moreland St., Carlson Lumber Co.		44,274.63
1	Feb. 2, "	113 Commonwealth Ave., Mrs. H. Frothingham, et al		88,463.42
1	" 2, "	6-10 Beach St., J. Rogers & Co., et al		16,153.50
1	" 7, "	15-17 Crawford St., G. Stern et al		17,264.00
1	Mar. 7, "	300 N. Beacon St., Galassi Mosaic & Tile Co.		38,457.48
1	" 12, "	37-9 Pearl St., Mrs. C. Hill, et al		27,965.67
1	" 13, "	229-31 State St., H. A. Johnson Co., et al		209,794.44
1	Apr. 8, "	110-20 Gerard St., Foss & Co., Inc.		30,275.49
1	" 9, "	353 Charles St., L. Stern, et al		17,953.62
1	" 30, "	284-6 Dorchester St., Isaac McLean Sons Co.		24,021.10
1	May 2, "	484 Blue Hill Ave., N. Gadless, et al		21,081.35
1	" 17, "	17-20 Lewis Whf., J. Breck & Sons, et al		40,943.76
1	" 19, "	201-7 Hanover St., Savoy Clothing Co., et al		22,433.45
1	June 7, "	Boston Harbor U. S. Lighthouse Service		25,000.00
1	" 10, "	Maverick St., Skyways Inc., et al		16,786.32
1	" 12, "	144 Sutherland Rd., L. Ellenbagen, et al		15,012.72
1	" 21, "	576-88 Albany St., City Fuel Co., et al		62,352.15
1	July 5, "	1973-9 Dorchester Ave., Mrs. A. Bibinsky, et al		16,438.87
1	" 8, "	854-6 Washington St., J. Gorakian & Son, et al		21,906.11
1	" 10, "	39-45 Sudbury St., Singer & Co., et al		19,548.49
1	" 15, "	Deer Island, Boston Harbor, City of Boston		80,000.00
1	" 16, "	24-6 Canal St., Wm. Leavens & Co., Inc., et al		80,287.74
1	" 28, "	286 Rutherford Ave., North Shore Fibre Co., et al		50,118.11
1	Aug. 10, "	89-99 Chauncy St., S. Jacobs & Co., et al		21,357.57
1	Sept. 27, "	401 Hanover St., St. Stephens Catholic Church		60,905.00
1	" 28, "	130-6 Federal St., Harvard College, et al		15,261.00
1	" 29, "	92 Essex St., Ferris & Robinson, et al		17,099.12
1	Oct. 8, "	84-6 Fulton St., G. Zuffante Co., et al		31,973.78
1	" 17, "	47-9 Granite St., American Sugar Refining Co.		28,723.01
1	" 20, "	Brighton Ave. & Cambridge St., Brighton Ave. Baptist Church		26,465.00
1	" 28, "	1162-8 Washington St., H. Poorvu		56,480.33
1	Nov. 18, "	132-40 Beach St., Keegan Leather Co., et al		16,911.25
1	" 26, "	159-65 Mass. Ave., Taubman Stores Corp., et al		15,982.44
1	" 28, "	292-4 Devonshire St., Bay State Florist Supply Co., et al		18,120.44
1	" 30, "	120 Walnut Ave., Walnut Ave. Congregational Church		132,175.26
1	Dec. 10, "	26-8 Winter St., Shepard Norwell Co., et al		18,577.02
1	" 10, "	26 Ericson St., Geo. Lawley & Son Corp.		97,606.32
1	" 20, "	468 Boylston St., Solov-Hinds Co., et al		24,021.14
1	" 26, "	76-8 High St., Silverite Gutterman Co., et al		85,536.95
8280				4,129,926.41
23	Marine Losses			48,716.28
8303				4,178,642.69
	Rents and U. & O.			16,509.12
33	Sprinkler Losses (no fire)		\$49,139.74	4,195,151.81
8336				



CAUSES OF ALARMS AND OF ALARMS WITH LOSS  
DURING 1929.

	Alarms	Alarms with Loss
a1 Assistance beyond City Limits.....	19	
Arson .....		
Ashes.....		
Benzine.....		
Boilers.....		
1 Chimneys, Flues, Cupolas and Stacks, overheated or defective Cigars, Cigarettes and Pipes.....	108	49
2 Conflagration.....		
Cotton Pickers.....		
3 Electricity.....	610	309
4 Explosions.....	273	133
5 Exposure.....	126	123
5a False and Needless Alarms.....	918	
6 Fireworks, Fire Crackers, Balloons, etc.....	84	59
Flues.....		
7 Friction—Sparks—Occasioned by running machinery, in- cluding Pickers, Carding Machines, Gins, etc.....	34	26
Furnaces.....		
Gas.....		
8 Gas—Natural and Artificial.....	62	40
Gasolene.....		
9 Hot Ashes and Coals.....	73	36
10 Hot Grease, Oil, Tar, Wax, Asphalt, ignition of.....	65	20
11 Hot or Molten Metal.....	4	2
Hot Water Pipes.....		
12 Incendiarism.....	24	22
Kerosene (See No. 19; also Explosions No. 4).....		
13 Lightning—buildings rodged.....	0	0
14 Lightning—buildings not rodged.....	6	4
Locomotives.....		
15 Matches.....	679	469
16 Miscellaneous—Cause known but not Classified.....	459	74
17 Open Fires.....	109	7
18 Open Lights.....	150	89
19 Petroleum and its products.....	95	37
Pickers.....		
Railroad.....		
19a Rekindling of a previous fire.....	4	2
20 Rubbish and Litter.....	1920	2
21 Smoking.....	789	521
22 Sparks—Arising from combustion.....	159	94
23 Sparks on Roof.....	76	47
24 Spontaneous Combustion.....	89	64
24a Sprinklers.....	218	33
Stacks.....		
25 Steam and Hot Water Pipes.....	19	10
26 Stoves, Furnaces, Boilers and their pipes.....	816	169
Stove Pipes.....		
27 Unknown.....	348	311
28 <b>Unknown origin but investigation important.....</b>		
Totals.	8336	2752

This table includes 1413 fire department still alarms of which we were not notified, and 6 fires for which no alarm was given but which were extinguished by occupants.



**STATEMENT BY MONTHS OF INSURANCE AND LOSSES.**

Months	Buildings		Contents			Rents & U. & O.		Vessels		Sprinkler Losses (no fire)		
	Insurance	Loss Insured	Loss not Ins.	Insurance.	Loss Insured.	Loss not Ins.	Insurance.	Loss	Insurance.	Loss	Insurance	Loss
Jan. 1929	\$13,259,597.31	\$199,235.24	\$4,441.58	\$4,005,269.00	\$195,844.82	\$13,398.62	\$160,000.00	\$1,275.69	\$2,000.00	\$20,881.04	\$257,500.00	\$304.75
Feb.	7,514,771.00	184,054.90	2,245.00	1,790,897.85	157,299.11	6,693.68	32,730.00	2,809.54		11,000.00	5,000.00	3,230.00
Mar.	9,091,585.29	301,427.20	2,254.73	2,036,227.39	245,879.65	40,013.81	12,900.00	2,941.63	64,000.00	6,800.69	341,020.00	40,268.93
April	4,541,684.00	129,611.73	3,602.21	2,500,455.00	114,514.26	5,840.47			65,000.00	3,740.55		
May	6,727,053.00	99,828.69	2,919.23	5,004,656.88	113,344.89	6,995.50	3,900.00	1,032.75				5.00
June	4,922,474.00	138,408.02	30,886.60	3,708,370.00	71,557.19	12,951.52	2,214,000.00	1,497.52		12.00	130,000.00	131.72
July	9,896,206.00	169,081.73	79,404.64	4,038,255.00	163,545.57	12,291.49	23,500.00	3,099.98	10,000.00	2,000.00	7,000.00	684.69
Aug.	3,532,284.00	190,531.09	2,353.68	1,546,802.00	68,189.90	7,872.00	60,600.00	958.33		80.00	165,500.00	1,943.32
Sept.	7,585,790.00	153,816.08	34,900.73	3,147,896.00	78,209.34	9,929.07	32,000.00	1,503.69	45,000.00	1,050.00	2,500.00	195.00
Oct.	9,534,557.15	198,291.64	9,316.63	4,758,734.00	110,390.73	14,857.00		1,503.69				
Nov.	7,857,559.34	253,252.06	1,560.73	1,859,107.00	121,313.76	15,800.78	51,233.00	1,389.99				
Dec.	6,589,963.00	233,577.87	5,424.88	6,545,828.00	204,514.01	8,242.35						
Totals	\$91,053,524.09	\$2,151,116.25	\$179,310.64	\$40,942,498.12	\$1,644,613.23	\$154,886.29	\$2,590,883.00	\$16,509.12	\$186,000.00	**\$48,716.28	\$922,520.00	\$49,139.74

\*Loss on Vessels not insured \$17,242.00  
 \*Insured loss on Vessels \$31,474.28.



STATISTICS FOR YEAR ENDING  
DECEMBER 31, 1929

Population .....	805,400	
Area Square Miles.....	47.81	
Number of Brick, Stone, Concrete, Steel frame, B, etc..	42,190	}
"    "    Wooden Buildings.....	91,314	
"    "    Alarms, exclusive of False and Needless.....	7,181	}
"    "    False and Needless Alarms.....	918	
"    "    Calls to assist other Cities and Towns.....	19	}
"    "    Sprinkler System breaks and defects.....	218	
"    "    Fires in Brick and Stone Buildings.....	2,350	}
"    "    Fires in Wooden Buildings.....	1,648	
"    "    Fires in Concrete Blocks.....	89	}
"    "    Fires in Fireproof.....	1	
"    "    Fires in Ironclad.....	19	}
"    "    Fires in Reinforced Concrete.....	0	
"    "    Fires not originating in Buildings.....	3,074	}
"    "    Fires confined to floor where fire ... originated.....	3,620	
"    "    "    confined to Building but not to floor of origin.....	363	}
"    "    "    extending to adjoining Build- ing.....	89	
"    "    "    extending beyond adjoining Building .....	35	}
"    "    "    originating in Automobiles..	699	
"    "    "    not originating in Buildings	2,296	}
"    "    "    not originating in, but invol- ving Buildings .....	79	

\* January 1, 1930. 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 .....	\$93,830,407.09	\$40,942,498.12	\$134,772,905.21
Total Insurance Loss ....	2,182,590.53	1,644,613.23	3,827,203.76
Total Loss (insured and uninsured) .....	2,379,143.17	1,799,499.52	4,178,642.69
Rents insured.....			16,509.12
Losses on buildings and contents in which fires originated, i.e., direct losses .....	2,284,915.03	1,750,387.29	4,035,302.32
Losses on buildings and contents in which the fires did not originate i.e., exposure losses	94,228.14	49,112.23	143,340.37



**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
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
1927	7351	4810	977	802	219	401	75	22	44
1928	7669	5143	979	789	230	325	89	26	38
1929	8336	5584	*1081	*820	*241	*449	87	29	*45

\*33 Sprinkler losses included, viz., 19 under \$100. 8 from \$100 to \$500.  
1 from \$500 to \$1,000. 5 from \$1,000 to \$5,000. 1 over \$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.
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
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
1927	7,351	2,541	3,937,329.78	535.62	1,549.52
1928	7,669	2,526	3,939,309.42	513.67	1,559.52
1929	8,336	†2,719	4,195,151.81	503.25	1,542.90

The above tables include Still Alarms.

† Does not include 33 Sprinkler losses.

In conclusion, I desire to express my sincere thanks to the Fire and Police Departments for their active co-operation, and to all other departments or persons who have in any way assisted this Department during the past.

Respectfully submitted,

PETER E. WALSH,

*Acting Superintendent of Department.*

## MEDICAL EXAMINER'S REPORT

1929

PETER E. WALSH,  
*Act. Supt Boston Protective Department.*

*Dear Sir:*—Your Medical Officer respectfully submits the following report for the year ending December 31, 1929:

Applicants Examined.....	1
Promotions. Examinations for.....	2
Members. Visits to sick.....	57
Members. Visits to injured.....	16
Physicians reports. Attending.....	141
Special reports.....	1
Certificates. Return to duty.....	75

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



DESCRIPTIVE LIST OF MOTOR APPARATUS

Rotation	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	128	38 x 7	40 x 8	11,000	2	
7	Nov. 10, 1914	The White Co.	21825	W	6	4 1/4	158 1/2	38 x 7	40 x 8	10,500	3	
8	"	"	21826	W	6	4 1/4	158 1/2	38 x 7	40 x 8	10,530	3	
13	Sep. 19, 1919	"	51184	W	4	4 1/4	127	38 x 7	40 x 8	10,700	1	Condemned.
14	Sep. 4, 1920	Ford	4051234	W	4	3 3/4	124	30 x 3 1/2	32 x 4 1/2	10,700	3	
15	Sep. 4, 1923	Mack Motor Co.	47420	W	4	4 1/4	146 1/2	38 x 7	40 x 8	19,630	3	
16	Mar. 24, 1924	"	472114	W	4	4 1/4	146 1/2	38 x 7	40 x 8	11,030	1	
17	Aug. 3, 1927	"	472115	W	4	4 1/4	146 1/2	38 x 7	40 x 8	10,420	1	
18	Mar. 14, 1927	"	47443	W	4	3 3/4	116	38 x 7	40 x 8	10,420	2	
F	Jun. 10, 1927	The Buick Co.	183237	W	6	3 1/2	120	33 x 600	33 x 600	.....	2	

W — Water.

S Superintendent

CALLS RESPONDED TO AND MILES TRAVELLED

No.	Years	1910-1929 Inclusive		1929		Totals	
		Calls	Miles	Calls	Miles	Calls	Miles
3	1910-1929	8,151	19,335.2	21	41.8	8,172	19,377.0
7	1914-1929	8,147	17,774.9	1,313	6,517.7	9,460	24,292.6
8	1914-1929	8,375	20,453.1	262	1,292.2	8,637	21,745.3
13	1918-1929	7,364	17,514.1	788	1,398.6	8,152	18,912.7
14	1920-1929	.....	17,717.0	9	2,220	.....	19,937.0
15	1923-1929	6,669	19,249.1	983	2,706	7,652	21,955.1
16	1923-1929	6,121	30,668.6	1,890	8,759	8,011	39,427.6
17	1924-1929	2,602	5,970.9	807	1,507.2	3,409	6,578.1
18	1927-1929	2,500	6,540.0	1,374	3,290	3,874	9,830.0
F	1927-1929	.....	20,748.0	68	11,287	.....	32,035.0