

ANNUAL REPORT OF THE FIRE DEPARTMENT, 1933

The Department responded to 1,289 alarms, classified as follows:

Bell alarms,	519	Actual fires,	904
Still alarms,	770	No fire or needless,	232
		Emergency calls,	16
	1,289	False alarms,	111
		Multiple Alarms,	19
		Out of town calls,	7
			1,289

This is a reduction of 415 alarms, or nearly 25% less than the number received the previous year.

The fire loss for the year amounted to \$176,494.84, which was \$51,289.21 less than the loss for the previous year.

It is interesting to note that \$152,636.12 of the total loss or 86% resulted from 39 fires or 5% of all of the fires extinguished by the Department.

There were 24 fires with losses from \$1,000 to \$2,000; nine with losses from \$2,000 to \$5,000; one with losses from \$5,000 to \$10,000; four with losses from \$10,000 to \$20,000; and one with a loss of over \$20,000.

LOSS AND INSURANCE

Value of buildings involved	\$5,974,778.40
Value of contents involved	907,177.98
Total value of property involved	6,881,956.38
Insurance on buildings involved	2,643,022.61
Insurance on contents involved	743,926.60
Total insurance on property involved	3,386,949.21
Loss on buildings	105,599.74
Loss on contents	70,895.10
Loss on all property	176,494.84
Actual fires	904
Nothing used by the Department	187
Fires extinguished by the Department	717
	904

Number of fires confined to origin	650 or 90.6 %
Number of fires confined to floor of origin	38 or 5.3 %
Number of fires confined to building	29 or 4.04%

717

METHOD OF EXTINGUISHMENT

With chemicals or booster	519 or 72.3%
With chemicals and hydrant streams	81 or 11.2%
With hydrant streams	108 or 15%
With hydrant and engine streams	9 or 1.2%

717

- Amount of hose laid, 243,875 feet.
- Amount of hose wet, 209,925 feet.
- Gallons of chemical used, 11,087 gallons.
- Engine pumped, 68 hours.
- Booster equipment in service, 66 hours.
- Ladders set, 16,005 feet.
- Salvage covers spread, 144.
- Number of miles apparatus travelled, 5,709.2 miles.
- Loss per capita, \$2.45.
- Number of fires per 1,000 population, 9.9.
- Per cent of fires confined to place of origin, 100%.
- Per cent of loss to total value of property involved, 2.56%.
- Average loss per fire extinguished by the Department, \$246.15.

NUMBER OF FIRES WITH LOSS OVER \$1,000

1918	23	1926	43
1919	28	1927	27
1920	34	1928	34
1921	43	1929	37
1922	47	1930	34
1923	35	1931	34
1924	46	1932	43
1925	37	1933	39

FIRE PREVENTION ACTIVITIES

The number of fire inspections made by the various companies are as follows:

Engine Co. No. 1	2,318	Engine Co. No. 9	471
Engine Co. No. 2	673	Hose Co. No. 11	333
Engine Co. No. 3	555	Hose Co. No. 12	73
Engine Co. No. 4	2,009	Ladder Co. No. 3	1,154
Engine Co. No. 5	2,540	Ladder Co. No. 5	688
Engine Co. No. 6	338	Ladder Co. No. 6	155
Engine Co. No. 8	364		

In order to carry on the work of preventing fires, we should establish a Fire Prevention Bureau, and assign an officer to head this important branch of the service.

Without such a Bureau our fire prevention activities are limited. Nevertheless we carried on the work and during Fire Prevention Week a special drive to remove fire hazards was made. Our efforts were rewarded by having Portland again placed on the Honor Roll for 1933 in the contest sponsored by the National Fire Protection Association.

We received a rating of 80-89%. There were only four (4) other cities in New England that received this honor.

TRAINING AND INSTRUCTION

An eight (8) weeks' training course for officers was held from March 14 to May 4. Two classes were held each week and every officer on active duty was required to attend one of the classes.

The Red Cross gave a first aid course from May 1 to May 7, which was attended by fifteen (15) members of the Department.

The Drill School was in operation from May 31 until October 5.

The period from May 31 to July 20 was devoted to class work. Two classes were held each day except Saturdays, Sundays and holidays.

The period from July 21 to September 16 was devoted to company work, and from September 16 until October 5 two companies, an engine and a ladder company, were assigned daily to attend the school.

LOSSES AND INSURANCE FOR THE YEAR 1933

Month	Bells	Stills	LOSSES		INSURANCE	
			Buildings	Contents	Buildings	Contents
Jan.	43	77	\$ 5,899.43	\$ 2,232.47	\$ 83,400.00	\$ 15,500.00
Feb.	52	54	23,491.20	26,604.51	1,226,444.13	33,975.00
Mar.	61	82	11,516.25	7,731.58	120,196.00	17,920.00
Apr.	49	68	1,535.92	382.97	42,400.00	6,000.00
May	50	93	2,242.10	836.01	57,700.00	14,700.00
June	26	59	1,098.02	200.00	33,300.00	1,000.00
July	45	60	10,874.12	11,269.67	226,850.67	41,500.00
Aug.	26	35	2,962.95	3,405.54	150,173.81	118,351.60
Sept.	29	33	3,730.24	2,310.56	116,000.00	7,900.00
Oct.	43	54	5,863.59	2,456.15	69,150.00	350,880.00
Nov.	36	70	2,484.96	291.85	271,517.00	3,500.00
Dec.	59	85	33,900.96	13,173.79	245,891.00	132,700.00
	519	770	\$105,599.74	\$70,895.10	\$2,643,022.61	\$743,926.60

COMPARATIVE STATEMENT OF LOSS

Year	Alarms	Loss
1914	601	\$388,387.24
1915	717	313,840.40
1916	554	370,403.63
1917	576	260,137.43
1918	627	233,151.06
1919	586	285,895.17
1920	573	247,511.82
1921	644	440,360.33
1922	738	662,755.54
1923	789	222,463.38
1924	1,000	325,920.60
1925	991	447,692.02
1926	1,124	375,165.95
1927	946	345,038.02
1928	1,052	152,987.26
1929	1,261	594,626.02
1930	1,630	226,213.44
1931	1,570	229,340.57
1932	1,704	227,784.05
1933	1,289	176,494.84

METHOD OF EXTINGUISHING FIRES

	Chemicals and Hydrant		Hydrant and Engine		Nothing Used
	Chemicals	Hydrant	Hydrant	Engine	
Jan.	60	6	5	1	14
Feb.	48	15	6	1	6
Mar.	60	8	7		28
Apr.	42	6	4		39
May	58	14	25	1	14
June	29	2	20	2	10
July	44	3	14		17
Aug.	21	3	8		9
Sept.	12	4	5		12
Oct.	30	7	8	3	6
Nov.	56	1	4	1	21
Dec.	59	12	2		11

MANUAL FORCE OF THE DEPARTMENT

Chief,	1	Lieutenants,	17
Deputy Chief,	1	Enginemen,	3
District Chief,	1	Mechanic,	1
Captains,	18	Privates,	77

In addition to the permanent members there are seven call men in the City proper; ten paid volunteers at Peaks Island; and one man at Great Diamond Island, Long Island, and Cliff Island.

APPARATUS

Repairs were made on the various pieces of apparatus as required, in order to keep them in serviceable condition.

No apparatus was purchased during the year.

APPARATUS IN SERVICE

- 3 automobiles for chief officers.
- 1 motor pumper and hose combination (1,000 gallons).
- 2 motor pumpers and hose combinations (750 gallons).
- 4 motor pumpers and hose combinations (1,000 gallons), equipped with booster tank.

1 motor pumper and hose combination (350 gallons), equipped with 35-gallon chemical tank.

1 Ford Barton pump with 270-gallon water tank (75).

4 motor hose and chemical combinations.

1 motor squad and chemical combinations.

3 motor ladder and chemical combinations.

1 85-foot aerial ladder truck, tractor drawn.

1 75-foot aerial ladder truck, tractor drawn, equipped with booster pump and tank.

1 fire boat (6,000 gallons) at 150 lbs.

2 chemical jumpers, hand drawn (60 gallons each).

1 hose wagon, hand drawn.

1 motor hose wagon, equipped with two turret pipes.

1 motor supply truck.

1 motor repair truck.

1 Ford roadster.

APPARATUS IN RESERVE

1 self-propelled steamer.

1 tractor-drawn steamer.

1 single hose wagon.

2 double hose wagons.

6 double exercise and coal sleds.

1 single exercise and coal sled.

1 single hose pung.

6 double hose pungs.

1 double ladder truck.

HOUSES

A new heating plant was installed at Station 4.

A hose-drying tower was built at Engine 3 Station.

The wooden timbers supporting the apparatus floor at Station 6 were replaced with steel girders.

Various minor repair and paint jobs were done on the stations as required.

HOSE

2,500 feet of 2½-inch hose was purchased for 65c per foot; also 500 feet of 1½-inch hose for 40c per foot.

The supply of hose now in service is as follows:

First class, 2½-inch,	5,100 feet
Second class, 2½-inch,	29,400 feet
	34,500 feet
First class, 3-inch,	None
Second class, 3-inch,	5,800 feet
Second class, 3½-inch,	150 feet
First class, 1½-inch,	1,000 feet
¾-inch water hose,	450 feet
¾-inch chemical hose,	3,000 feet
1-inch chemical hose,	1,000 feet

FINANCIAL STATEMENT

	Appropriation	Expenditures	Balance	Overdraft
Fire Department	\$221,639.00	\$222,697.24		\$1,058.24
Pensions	22,610.00	23,961.07		1,351.07
Water and Hydrants	7,366.00	7,634.80		268.80

PENSIONS

The following member of the Department was retired during the year:

Private Edward T. Cronin.

DEATHS

Two retired members of the Department died.

Captain Ralph H. Eaton,	March 20, 1933
Callman Arthur H. Fowler,	Sept. 30, 1933

CHIEF'S RECOMMENDATIONS

That Ladder 3 be replaced as soon as possible, the ladder truck now in service is unsafe.

That a fire prevention bureau be established and one man assigned to supervise the fire inspection work.

That a 1,000-gallon pumper be purchased in order to transfer the 350-gallon pumper now assigned to Engine 9 to Peaks Island.

That a new station be erected in the Rosemont section to accommodate a ladder and an engine company. This section of the city does not have proper fire protection.

That an emergency and lighting truck be equipped and placed in service.

That the permanent force be increased by the addition of three men, that callmen respond only on multiple alarm fires; and the outside alarm signal be discontinued on all first alarms.

ROSTER OF THE DEPARTMENT

OLIVER T. SANBORN, *Chief*

ALBION H. MOULTON, *Deputy Chief*

WILLIAM R. READ, *District Chief*

ENGINE COMPANY No. 1

Station No. 396-398 Congress Street

Seagraves Combination Pumper (1,000 gallons capacity), carrying 1,300 feet of 2½-inch hose, 200 feet of 3-inch hose, and 38 feet of ladders.

PERMANENT MEN

Melville G. Frank, *Captain*

One lieutenant, one engineman, five privates, three callmen.

ENGINE COMPANY No. 2

Station No. 134 Congress Street

McCann triple combination gasoline pumper (1,000 gallons capacity), carrying 1,400 feet of 2½-inch hose, 200 feet of 3-inch hose, one 100-gallon booster tank with 200 feet of 1-inch hose and 36 feet of ladders.

PERMANENT MEN

Charles F. Feeney, *Captain*

One lieutenant, five privates, three callmen, one substitute.

ENGINE COMPANY No. 3

Station No. 176 Brackett Street

Seagraves combination pumper (750 gallons capacity), carrying 1,400 feet of 2½-inch hose and 200 feet of 3-inch hose, and 40 feet of ladders.

PERMANENT MEN

Joseph L. Blake, *Captain*

One lieutenant, four privates.

ENGINE COMPANY No. 4

Station No. 155-157 Spring Street

Seagraves triple combination pumper (1,000 gallons capacity), carrying 1,300 feet of 2½-inch hose and 200 feet of 3-inch hose, 60-gallon booster tank with 250 feet of 1-inch hose and 38 feet of ladders.

PERMANENT MEN

Thomas S. Murdock, *Captain*

One lieutenant, one engineman, six privates.

ENGINE COMPANY No. 5

Station No. 395-396 Congress Street

American LaFrance combination pumper (750 gallons capacity), carrying 1,250 feet of 2½-inch hose and 200 feet of 3-inch hose, 25 feet of ladders.

PERMANENT MEN

Frank J. Mullins, *Captain*

One lieutenant, six privates.

ENGINE COMPANY No. 6

Station No. 295 Park Avenue

Mack triple combination pumper (1,000 gallons capacity), carrying 1,400 feet of 2½-inch hose and 200 feet of 3-inch hose, one 80-gallon booster tank with 250 feet of 1-inch hose, 36 feet of ladders.

PERMANENT MEN

William F. Moulton, *Captain*

One lieutenant, five privates.

ENGINE COMPANY No. 7

Station East Side of Portland Pier

Diesel fire boat, "City of Portland," equipped with four 1,500-gallon Dean Hill centrifugal pumps, one 3,000-gallon turret pipe on top of mast, one 1,500-gallon turret pipe on top of pilot house, two 1,500-gallon turret pipes on deck fore and aft, capacity for 6,000 feet of 2½-inch hose.

PERMANENT MEN

Thomas A. Burgess, *Lieutenant*

One engineman, five privates.

ENGINE COMPANY No. 8

Station No. 536 Deering Avenue

American LaFrance triple combination pumper (1,000 gallons capacity), carrying 1,400 feet of 2½-inch hose and 200 feet of 3-inch hose, one 60-gallon booster tank with 250 feet of 1-inch hose, 32 feet of ladders.

PERMANENT MEN

Amos S. Knight, *Captain*

One lieutenant, six privates.

ENGINE COMPANY No. 9

Station No. 9-11 Arbor Street

American LaFrance triple combination pumper (350 gallons capacity), carrying 1,500 feet of 2½-inch hose and 200 feet of 3-inch hose, one 35-gallon chemical tank with 250 feet of 1-inch hose, 36 feet of ladders.

PERMANENT MEN

George W. I. Stevens, *Captain*

One lieutenant, five privates.

LADDER COMPANY No. 1

Station No. 395-398 Congress Street

American LaFrance combination ladder and chemical truck, carrying 325 feet of ladders, one 35-gallon chemical tank with 250 feet of 1-inch hose.

PERMANENT MEN

Leslie R. MacVane, *Captain*

One lieutenant, five privates.

LADDER COMPANY No. 3

Station No. 163 Brackett Street

Indiana combination ladder truck and chemical, carrying 320 feet of ladders, two 35-gallon chemical tanks with 500 feet of chemical hose.

PERMANENT MEN

John H. Mullins, *Captain*

One lieutenant, four privates.

LADDER COMPANY No. 4

Station No. 9-11 Arbor Street

American LaFrance combination ladder truck and chemical, carrying 325 feet of ladders, one 35-gallon chemical tank with 250 feet of 1-inch chemical hose.

PERMANENT MEN

Frederick C. Larsen, *Captain*

One lieutenant, four privates.

LADDER COMPANY No. 5

Station No. 396-398 Congress Street

Seagraves 85-foot aerial truck (tractor drawn), equipped with ladder pipe, carrying 465 feet of ladders.

PERMANENT MEN

Dwight F. Tinkham, *Captain*

One lieutenant, four privates.

LADDER COMPANY No. 6

Station No. 295 Park Avenue

Seagraves 75-foot combination aerial ladder truck, equipped with ladder pipe, carrying 332 feet of ladders, one 80-gallon booster tank with 250 feet of chemical hose.

PERMANENT MEN

Thomas A. Mulhern, *Captain*

One lieutenant, three privates.

CHEMICAL COMPANY No. 1

Station No. 396-398 Congress Street

Mack combination chemical and squad machine, three 40-gallon chemical tanks with 450 feet of chemical hose, 45 feet of ladders.

PERMANENT MEN

Stephen A. Dow, *Captain*

Four privates.

HOSE COMPANY No. 11

Station No. 579 Ocean Avenue

Reo combination hose and chemical truck, carrying 1,000 feet of 2½-inch hose, one 35-gallon chemical tank with 250 feet of chemical hose, 52 feet of ladders.

PERMANENT MEN

Joseph A. Cooper, *Captain*
One lieutenant, three privates, one callman.

HOSE COMPANY No. 12
Located at Peaks Island

Reo combination chemical and hose truck, carrying 1,100 feet of 2½-inch hose, one 35-gallon chemical tank with 250 feet of chemical hose, 32 feet of ladders.

PERMANENT MEN

William S. Berry, *Captain*
One lieutenant, two privates, ten volunteer callmen.

UNATTACHED PERMANENT MEN

Frank P. Carr, *Captain*
Henry G. Rowe, *Captain*
Arthur J. Murdock, *Lieutenant*
Charles E. Skillin
George W. Lowe

REPORT OF HARBOR COMMISSIONERS

For the Year 1933

The annual meeting of the Board of Harbor Commissioners for the Harbor of Portland, Maine, was held at the office of Commissioner Albert B. Hall on January 4, 1934, and the following officers were elected:

Albert B. Hall, Chairman
Peter M. Costello, Clerk

The Board, duly organized, made the following appointments, subject to your approval, to serve during the period July 1, 1933, to June 30, 1934:

Charles W. L. McDuffie, Harbor Master
James F. Perkins, Deputy Harbor Master

Permits issued by the Board are listed below:

- Mar. 22. New England Telephone & Telegraph Co. To lay cable across draw channel at Vaughan's Bridge from Portland to South Portland.
- Oct. 26. A. R. Wright Company. To build bulkhead and fill at their wharf in Portland.
- Dec. 4. Colonial Beacon Oil Co. To build bulkhead and fill at their plant in East Deering.

You will find enclosed copy of report submitted to the Board by C. W. L. McDuffie, Harbor Master, for the year ending December 1, 1933.

HARBOR MASTER'S REPORT

To the Board of Harbor Commission for the Harbor of Portland, Maine:

I have during the year ending November 30, 1933, officially visited:

Fire Department

PORTLAND

Headquarters, Central Fire Station, 380 Congress

BOARD OF ENGINEERS

Oliver T. Sanborn, chief engineer; Albion H. Moulton, deputy chief; Wm. R. Read, district chief.

FIRE ALARM — 118 Federal. Alfred C. Stults, Daniel M. Ward, Carl W. Reynolds, Martin F. Dugan, operators; Frank E. Sargent, supt.; Fred W. Barnes, James A. Whidden, John R. Fraser, electricians; Harry J. Howarth, inspector.

ENGINE 1. — 380 Congress. Melville G. Frank, capt.; Frank W. Boothby, lieutenant; Harry H. Abbott, engineman; William E. Blake, Joseph L. Wood III, Guy A. Young, Clarence S. Cressey, Charles A. Stokes, firemen.

ENGINE 2. — 134 Congress. Chas. F. Feehey, capt.; Alanson DeMott, lieutenant; James H. Markley, engineman; Ernest A. Fogg, Matthew J. Cady, Fred G. Ward, firemen.

ENGINE 3. — 176 Brackett. Joseph L. Blake, capt.; Michael J. Carleson, lieutenant; Floyd A. Chase, Loring S. Towle, Earl D. Foye, John H. Weimert, firemen.

ENGINE 4. — 157 Spring. Thomas F. Murock, capt.; Harry M. Marr, lieutenant; Jas. W. McCarrison, Herman R. Burgess, Patrick J. Bowen, Jr., Carl A. Milstrom, George W. Lowe, John B. Martin, Nelson H. Huff, firemen.

ENGINE 5. — 380 Congress. Frank J. Mullins, capt.; Guy R. Purinton, lieutenant; Fred W. Walton, engineer; Robert H. Flaherty, Clifford H. Keating, John J. Lyden, James T. Murray, Joseph M. Green, firemen.

ENGINE 6. — 295 Park av. William F. Moulton, capt.; Elmer E. Freeman, lieutenant; Herbert J. Noyes, John F. Fogg, Charles E. Ross, Kenneth Coolidge, James L. Brecher, Thomas F. Morin, firemen.

ENGINE 7 (Fire Boat). — (40) Portland pier. James L. MacVane, lieutenant; Rodney E. Bucklin, William E. Sawyer, Edwin H. Gaddis, James D. Doyle, Joseph M. Fortier, engineers; Thomas A. Burgess, fireman.

ENGINE 8. — 538 Deering av. Amos S. Knight, capt.; Clinton R. Sampson, lieutenant; Frank E. Banks, George C. Partridge, Wil-

Ham W. Sanborn, William J. Lucas, John W. McNeill, Charles J. Meissner, James T. Rollinson, jr., firemen.

ENGINE 9. — 17 Arbor. George W. I. Stevens, capt.; George H. Hagen, lieutenant; John E. Megquier, Fred H. Alexander, Francis J. Gill, James W. B. Goodall, Daniel J. Carter, fireman.

CHEMICAL 1. — 380 Congress. Stephen A. Dow, capt.; Joseph P. Martel, Robert J. Walsh, George J. Foley, Edward T. Cronin, firemen.

LADDER 1. — 380 Congress. Leslie R. MacVane, capt.; Thomas A. Mulhern, lieutenant; Freeman H. Blake, Andrew J. Phillips, John J. McGowan, Lawrence H. Murray, Stanley D. Royles, firemen.

LADDER 3. — 163 Brackett. John H. Mullins, capt.; Ralph Moses, lieutenant; Timothy J. Powell, jr., Jos. E. Smith, Freeman H. Bake, Edward M. Hopkins, firemen.

LADDER 4. — 17 Arbor. Frederick C. Larsen, capt.; Clarence S. Lockhart, lieutenant; Fred L. Smith, Walter F. Morr, Fred L. McDaniels, Carl P. Johnson, firemen.

LADDER 5. — 380 Congress. Dwight F. Tinkham, capt.; Hans H. Brockman, lieutenant; Enos R. Alden, Grover C. Rottman, John F. Sullivan, John C. Murray, firemen.

LADDER 6. — 295 Park av. William S. Berry, capt.; Maurice W. Skillin, lieutenant; George R. Stevens, John H. Mitchell, George E. Ward, firemen.

HOSE 11. — 579 Ocean av. Joseph A. Cooper, capt.; Arthur E. Libby, lieutenant; Oscar F. Dodd, John O. Russell, Harry A. Lucas, firemen.

HOSE 12. — Peaks Island. Melville E. Griffin, capt.; Edward A. Hodgdon, lieutenant; Henry F. Green, Abraham H. Sterling, firemen.

UNATTACHED MEN. — Frank P. Carr, Henry G. Rowe, capt.; Arthur J. Murock, lieutenant; Charles E. Skillin, Charles E. Griffin, John J. Gallagher, Thomas H. Markley, Chester R. McAllister, firemen.