

FIRE DEPARTMENT Report for the Year 1927

MANUAL FORCE OF THE DEPARTMENT

The manual force of the department consists of 115 permanent members, classified as follows:

Chief,	1
Deputy Chief,	1
District Chief,	1
Captains,	18
Lieutenants,	16
Enginemen,	10
Mechanic,	1
Privates,	65

The call force consists of 26 members.

The volunteer force at Peak's Island consists of 10 members.

At Long Island, Diamond Island and Cliff Island men are employed to care for the fire apparatus.

APPARATUS.

The Reo hose cart, formerly stationed at Engine No. 6, has been overhauled, repainted and assigned to Engine No. 2.

Extensive repairs have been made on the fire boat, Engine No. 7, during the past year. The pumps have been rebuilt, the engine repaired and a new drive shaft installed.

A Buick roadster was purchased for the Deputy Chief, to replace a Chandler roadster that was worn out.

A new 85-foot aerial ladder, minus the tractor, has been purchased and delivery is expected soon after the first of the year. This will be drawn by the present tractor, now

assigned to Ladder No. 5, and replace the old Hayes aerial, which has been in service for forty years.

A hand-drawn hose wagon, with capacity for 650 feet of $2\frac{1}{2}$ -inch hose, was fitted out at the shop and assigned to Great Diamond Island. This became necessary on account of the installation of hydrants on the island.

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).
- 1 motor pumper and hose combination equipped with booster tank (1,000 gallons).
- 1 motor pumper and hose combination equipped with chemical tank (350 gallons).
 - 4 motor hose and chemical combinations.
 - 2 motor chemical engines.
 - 3 motor chemical and ladder combinations.
- 1 85-foot aerial ladder, equipped with a Dahill hoist, tractor-drawn.
 - 1 tractor-drawn steamer (800 gallons).
 - 1 horse-drawn steamer (800 gallons).
 - 2 horse-drawn chemical and ladder combinations.
 - 1 fire boat.
 - 2 chemical jumpers, hand-drawn (60 gallons each)
 - 1 hose wagon, hand-drawn.
 - 1 motor supply truck.
 - 1 motor hose wagon.
 - 1 roadster for Division of Repairs.

APPARATUS IN RESERVE

- 3 horse-drawn steamers.
- 1 horse-drawn ladder truck.
- 5 horse-drawn hose wagons.

1 self-propelled steamer.

4 double exercise and coal wagon.

1 single exercise and coal wagon.

7 double exercise and coal sleds.

2 single exercise and coal sleds.

7 double hose pungs.

1 single hose pung.

HOUSES

Extensive painting has been done in the various houses by the men in the department.

New boilers were installed in Engine 3 house and Engine 4 house.

Electric wiring was entirely replaced in Engine 4 house and Ladder 3 house.

The quarters on Portland Pier which are leased for the crew of the fire boat were entirely renovated following the fire which occurred in December, 1926. Additional space was secured at small expense, making the quarters more comfortable and sanitary than before. Electricity for lighting and the fire alarm was extended to provide those on board the boat when lying at her berth.

HOSE

All the hose was given the yearly pressure test. About 1,000 feet failed to stand up and was condemned.

During the year, 2,000 feet of 2½-inch hose was purchased, also 450 feet of chemical hose.

The supply of hose in service is as follows:

First-class 2½-inch hose,	6,000	feet.
Second-class 2½-inch hose,	32,700	66
Total 2½-inch hose,	38 700	"

First-class 3-inch hose,	1,600	feet
Second-class 3-inch hose,	100	"
Total supply 3-inch hose,	1,700	66
Second-class 3½-inch hose,	50	66
3-inch water hose,	350	46
3-inch chemical hose;	4,850	44

HORSES

There are eight (8) horses in service. The majority of these have been in the department so long that it will be necessary to purchase new horses in the near future or else replace them with motor apparatus.

HYDRANTS

New hydrants were installed at the following locations:

No. 199 Anderson Street.

Park Avenue, at Engine 7 house.

No. 570 Riverside Street.

Great Diamond Island, five (5) hydrants. These are socalled summer hydrants and are only in service for about eight months during the year.

The following hydrants were removed from old four-inch water main and relocated on a larger main in order to furnish a more adequate water supply:

Congress Street and Park Avenue.

· Congress Street, at Liberty Street.

Congress Street, at Douglass Street.

The following Lowery hydrants were removed:

Congress Street, at Oak Street.

Park Avenue, at Mellen Street.

No. 199 Middle Street.

During the year, the hydrants at the following locations were broken by autos and it was necessary to replace them:

123

Somerset Street, at Cedar Street.
Forest Avenue, at Dartmouth Street.
Danforth Street, at St. John Street.
Portland Street, at Preble Street.
Grant Street, at Deering Avenue.

NUMBER OF ALARMS

During the year, the department responded to 946 alarms, classified as follows:

Box alarms,	225
Still alarms,	721
Total,	946

CLASSIFICATION OF ALARMS

Emergency calls,	15
False alarms,	24
Multiple alarms,	68
Out-of-town calls,	14
Needless alarms,	94
Actual number of fires,	731
Total,	946

This is a reduction of 156 in the number of alarms received as compared with the previous year.

ORIGIN OF FIRES

Wood Buildings, Brick Buildings, Concrete Buildings,	316 115 5	Iron Covered Buildings, Stone Buildingss, Other than Buildings,	6 4 285
CAU	SES O	F ALARMS	
Acetylene Torch, Alcohol and Cigarette,	4	Beans Boiled Dry, Blow Torch,	$\frac{1}{2}$
Baby and Stove,	1	Bonfire,	15
Back Draft,	27	Boy and Matches,	9
Back Fire,	18	Boy and Paper Torch,	1

49	Incendiary,	7
1	Incinerator,	4
	Lamp,	1
	Leaky Sprinkler.	5
	Leaky Torch,	1
	일을 가장 없었다면 하면 이 사람들이 아니라 사람들이 되었다. 그는 걸 살아 있다.	
	Matches	1 5
		4
	Matches and Paper	1
		1
		2
	Mice and Matches,	1
	사람들은 얼굴 살아가는 아니는 아이들이 아니는 아이들이 살아 있다.	2
	Oil Look Over Fine	1
	Oil Stave	1
		2 2
		14
		14
	Overheated Exhaust Pine	1
	Overheated Fireplace.	1
		4
		2
	Overheated Furnace Pipe,	2
1	Overheated Gas Stove,	1.
1	Overheated Motor,	1
4	Overheated Pulley,	1
24	Overheated Stove,	5
	Overturned Lantern,	1
3	Plumber's Torch,	1
11	Rags on Funnel,	2
2	Rags on Stove,	1
1	Rats and Matches,	8
1	Reflection of Fireplace,	1
1		1
1	기가 있다면 하는 것이 되었다면 하는 이 사람들이 되었다면 하는데 없었다.	1
3	Short Circuit,	54
1	Smell of Smoke,	5
	Smoke from Kiln,	1
	Smoky Chimney,	5
		1
		3
		3
		17
		7
1	bnow blowing,	1
	1 2 2 3 14 47 9 161 1 51 8 2 1 1 4 5 5 1 1 1 4 24 12 3 11 2 1 1 1 3	Incinerator, Lamp, Leaky Sprinkler, Leaky Torch, Match Dropped, Matches, Matches and Gasoline, Matches and Rubbish, Meat Boiled Dry, Mice and Matches, Needless, Oil Burner, Oil Leak Over Fire, Oil Stove, Overflow of Gasoline, Out-of-town Calls, Overheated Engine, Overheated Furnace, Overheated Furnace, Overheated Furnace, Overheated Gas Stove, Overheated Wotor, Overheated Stove, Overheated Stove, Roverheated Stove, Overheated Furnace, Furnace Pipe, Overheated Stove, Overheated Furnace, Reflection of Fireplace, Reflection of Fireplace, Reflection of Furnace, Rekindle, Short Circuit, Smell of Smoke, Smoky Chimney, Smoky Gil Stove, Smoky Stove, Smoking, Smoking in Bed,

ANN	TIAL	REPORT

Sparks from Adjacent Fire,	2	Sparks from Steam Shovel,	0
	4		2
Sparks from Bonfire,	1	Sparks from Stove,	2
Sparks from Chimney,	36	Spontaneous Combustion,	26
Sparks from Dump,	2	Sprinkler,	1
Sparks from Fire Box,	1	Static,	3
Sparks from Forge,	1	Sweepings in Register,	1
Sparks from Furnace,	1	Tar Kettle Boiled Over.	10
Sparks from Heater,	1		10
Sparks from Incinerator,	0	Unknown,	51
	3	Water Flow.	
Sparks from Locomotive,	17	water Flow,	2
Sparks from Pipe,	2	Total.	946
Sparks from Steam Roller,	2	Total,	540

LOSS AND INSURANCE

Total Value of Property Involved	\$13,473,477.79
Total Insurance Thereon	4,630,503.38
Total Insurance on Buildings	4,114,772.32
Total Loss on Buildings	246, 496, 31
Total Insurance on Contents	515,731.06
Total Loss on Contents	98,541.71
Total Loss on all Property	345,038,02
Exposure Loss	7,517.42

FIRE ALARMS, LOSSES AND INSURANCE

		ARMS		Loss	Insu	RANCE
Монтн	Box	Still	Buildings	Contents	Buildings	Contents
Jan.	17	50	\$ 8,762.38	\$ 5,902.55	\$ 413,700.00	\$ 5,793.71
Feb.	15	43	27,930.32	29,542.09	160,800.00	82,000.00
Mar.	22	74	8,606.66	4,386.63	1,330,488.04	128,656.06
Apr.	34	170	14,246.55	4,913.50	309,025.00	17,600.00
May	10	47	4,856.71	1,564.51	58,100.00	12,350.00
June	12	40	4,313.08	676.07	72,387.05	15,200.00
July	25	48	8,056.68	1,335.34	155, 592, 48	18,000.00
Aug.	18	35	12,743.84	5,103.82	236,500.00	24,275.00
Sept.	11	38	1,154.00		36,600.00	,,,,,,,,,
Oct.	34	57	138,497.66	6,310.27	507,829.75	24,100.00
Nov.	15	59	3,149.29	569.45	308, 700, 00	9,900.00
Dec.	12	60	14,179.14	38,273.48	525,050.00	87,200.00
	225	721	\$246,496.31	\$98,541.71	\$4,114,772.32	\$515,731.06

COMPARATIVE STATEMENT OF LOSS

YEAR	AI.ARMS	PROPERTY LOSS
1910	384	\$379,355.46
1911	569	200, 221.91
1912	512	251,038.94
1913	524	117,584.07
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	477,692.02
1926	1,124	375,165.95
1927	946	345,038.02

METHOD OF EXTINGUISHING FIRES

	Chemicals	Chemicals and Hydrant Streams	Hydrant Streams	Hydrant and Engine Streams	Pyrene	Foam	Nothing Used
Jan.	31	4	3	0	5	0	12
Feb.	30	4	1	0	1	0	10
Mar.	37	5	1	4	2	0	25
Apr.	87	24	6	11	0	0	41
May	27	2	2	0	2	2	11
June	23	3	3	0	3	2	9
July	31	6	4	- 0	0	0	12
Aug.	16	6	0	4	2	2	7
Sept.	22	2	2	0	3	0	8
Oct.	37	6	5	3	2	1	13
Nov.	35	2	2	0	2	0	11
Dec.	26	2	6	1	4	2	11
Totals	402	66	35	23	26	9	170
	ed by the dep guished by th		ment,				170 561
Total	,						731

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Extinguished with chemicals,
Extinguished with chemicals and hydrant streams,
Extinguished with hydrant streams,
Extinguished with hydrant and engine streams,

Total,

437 or 77.8%
66 or 11.7%
35 or 6.2%
23 or 4.1%

Loss per capita, \$4.40. Number of fires per 1,000 population, 9.4. Per cent. of fires confined to place of origin, 99.28%. Number of fires to each 100 buildings, 4.24. Per cent. of loss to total value of property involved, 2.56%.

ROSTER OF THE FIRE DEPARTMENT

OLIVER T. SANBORN, Chief
ALBION H. MOULTON, Deputy Chief
WILLIAM R. READ, District Chief

Engine Company No. 1 Station, Nos. 376-378 Congress Street

Seagraves gasoline pumper (1,200 gallons capacity), carrying 1,800 feet of $2\frac{1}{2}$ -inch hose.

· Melville G. Frank, Captain

One lieutenant, one engine man, four privates and four call men.

Engine Company No. 2 Station, No. 134 Congress Street

First size Amoskeag engine. Reo combination chemical and hose truck, carrying one 35-gallon chemical tank, 250 feet of 1-inch chemical hose and 1,200 feet of 2½-inch hose. Combination chemical and ladder truck (two-35 gallon chemical tanks), carrying 220 feet of ladders.

Charles H. Mayberry, Captain

Two lieutenants, one engine man, five privates and six call men.

ENGINE COMPANY No. 3

Station, No. 176 Brackett Street

Third size Amoskeag (tractor-drawn). Two-horse hose wagon, carrying 2,000 feet of $2\frac{1}{2}$ -inch hose.

Timothy J. Quinlan, Captain

One lieutenant, four privates, four call men, two substitutes.

ENGINE COMPANY No. 4

Station, Nos. 155-157 Spring Street

Seagraves gasoline pumper (750 gallons capacity), carrying 1,200 feet of $2\frac{1}{2}$ -inch hose.

Edward T. Honan, Captain

Two lieutenants, six privates.

ENGINE COMPANY No. 5

Station, Nos. 395-398 Congress Street

American LaFrance gasoline pumper (750 gallons capacity), carrying 2,000 feet of 2½-inch hose.

Charles F. Feeney, Captain.

Two lieutenants, one engine man, four privates and three call men.

ENGINE COMPANY No. 6

Station, No. 401 Park Avenue

American LaFrance gasoline pumper (350 gallons capacity), carrying 1,650 feet of 2½-inch hose. One combination ladder truck (horse-drawn), carrying 307 feet of ladders, two 35-gallon chemical tanks and 500 feet of 1-inch chemical hose.

William F. Moulton, Captain

One lieutenant, one engine man, six privates, three call men, one substitute.

ENGINE COMPANY No. 7

Station, east side of Portland Pier

Steam fire boat, equipped with two first-size Amoskeag

pumps, monitor nozzle on forward deck and top of pilot house. Carries 3,000 feet of $2\frac{1}{2}$ -inch hose.

John M. Wallace, Captain

One lieutenant, two engine men, two substitutes.

ENGINE COMPANY No. 8

Station, No. 536 Deering Avenue

American LaFrance gasoline pumper (1,000 gallons capacity), carrying 1,500 feet of $2\frac{1}{2}$ -inch hose. One 60-gallon booster tank with 250 feet of 1-inch hose.

Amos S. Knight, Captain

One lieutenant, six privates.

ENGINE COMPANY No. 9

Station, Nos. 9-11 Arbor Street

Reo combination chemical and hose motor truck, carrying one 35-gallon chemical tank, 250 feet of one-inch chemical hose and 1,200 feet of $2\frac{1}{2}$ -inch hose.

George W. I. Stevens, *Captain* One lieutenant, three privates, three call men.

LADDER COMPANY No. 1

Station, Nos. 396-398 Congress Street

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

Joseph A. Cooper, Captain

One lieutenant, four privates.

LADDER COMPANY No. 3

Station, No. 163 Brackett Street

Indiana motor-driven combination ladder truck and chemical, carrying 320 feet of ladders, two 35-gallon chemical tanks and 500 feet of 1-inch chemical hose.

Joseph L. Blake, Captain

One lieutenant, four privates.

LADDER COMPANY No. 4

Station, Nos. 9-11 Arbor Street

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

Frederick C. Larsen, Captain

One lieutenant, four privates.

LADDER COMPANY No. 5
Station, Nos. 396-398 Congress Street

Hayes 85-foot aerial truck (drawn by Seagraves tractor), with Dahill quick-hoist, carrying 355 feet of ladders and glazier 3-inch ladder pipe.

William E. Fuller, Captain

One lieutenant, four privates.

CHEMICAL COMPANY No. 1
Station, Nos. 396-398 Congress Street
Dwight F. Tinkham, Captain
Five privates.

Hose Company No. 11

Station, No. 234 Ocean Avenue

Reo motor-driven combination chemical and hose truck, carrying one 35-gallon chemical tank, 250 feet of 1-inch chemical hose and 1,200 feet of $2\frac{1}{2}$ -inch hose.

John Q. Jordan, Captain

One lieutenant, three privates, three call men, one substitute.

HOSE COMPANY No. 12

Located at Peak's Island

Reo motor-driven combination chemical and hose truck,

carrying one 35-gallon chemical tank, 250 feet of chemical hose and 1,200 feet of $2\frac{1}{2}$ -inch hose.

Melville E. Griffin, Captain
Three privates, ten volunteers, four substitutes.

UNATTACHED PERMANENT MEN:

Frank P. Carr, Captain
Henry G. Rowe, Captain
Edwin H. Gaddas, Mechanical Engineer
Charles E. Skillin
Arthur J. Murdock

RECOMMENDATIONS OF THE CHIEF OF THE FIRE DEPARTMENT

That 1,000 feet of $2\frac{1}{2}$ -inch hose and 1,000 feet of 3-inch hose be purchased.

That a motor pump be purchased.

That a cellar be put under the station at Peak's Island.

That the permanent force of the department be increased by the addition of at least five men.

That one additional engine company be established and a station erected in the Rosemont section.

That the India Street Station be sold and the proceeds of the sale be used to erect a modern drill tower and repair shop in connection with the Park Avenue Station, Engine 6.

That the school buildings and the City Home and Hospital be equipped with sprinkler systems.

REPORT OF CITY ELECTRICIAN Report for the Year 1927

OVERHEAD CONSTRUCTION

Run new overhead loop on Payson Street from Granite to Falmouth.

Run new overhead loop, consisting of 5,200 feet of No. 10 iron wire and 32 cross arms, on Presumpscot Street from Washington Avenue to the Rendering Works. The old loop was destroyed when the pole line was blown down during the storm of February 26th, taking with it fire alarm boxes 132 and 154.

OVERHEAD WIRES REMOVED

Removed all of the overhead construction on Falmouth Street, Brighton Avenue to Orland Street, Bedford Street, Oakdale Street, Dartmouth Street, Deering Avenue, and Washburn Avenue from Deering Avenue to Payson Street, which totaled as follows:

3,582 feet of Loom Cable 3,582 feet of Messenger Wire 5,200 feet of No. 10 Iron Wire

3 34 Cross Arms

UNDERGROUND CONSTRUCTION

New installation of lead covered cable as follows:

Falmouth Street, from Forest Avenue to Deering Avenue, 1,619 feet No. 12 Conductor.

Brighton Avenue, from Falmouth Street to Noyes Street, 1,765 feet No. 10 Conductor.

Brighton Avenue, from Noyes Street to Orland Street, 1,054 feet No. 4 Conductor.

Deering Avenue, from Brighton Avenue to Bedford Street, 550 feet No. 7 Conductor.

NEW INSTALLATION OF PARKWAY CABLE

Oakdale Street, from Falmouth Street to Pitt Street, 620 feet No. 2 Conductor.

Dartmouth Street, from Brighton Avenue to Deering Avenue, 664 feet No. 2 Conductor.

Deering Avenue, from Bedford Street to Washburn Avenue, 460 feet No. 2 Conductor.

Bedford Street, from Deering Avenue to Surrenden Street, 570 feet No. 2 Conductor.

As a result of this work, eight fire alarm boxes, one police box and two cable boxes were connected to the underground system.

CABLE REPLACEMENTS

Congress Street, from Weymouth Street to St. John Street, removed 1,220 feet of No. 20 Conductor and installed 1,220 feet of No. 40 Conductor.

Congress Street, from St. John Street west to the railroad tracks, removed 245 feet of No. 10 Conductor and installed 245 feet of No. 16 Conductor.

CONDUIT LAID

Installed 250 feet of $2\frac{1}{2}$ -inch galvanized pipe from the manhole in front of Engine 6 station westerly to St. John Street.

MANHOLES

Constructed a manhole on St. John Street, at the intersection of Park Avenue.

Reconstructed three manholes on Park Avenue between St. John Street and Weymouth Street.

CABLE POSTS

Set new cable posts as follows: Park Avenue at Station 6. Oakdale Street at Pitt Street. Dartmouth Street at Deering Avenue.

Bedford Street at Surrenden Street.

Deering Avenue at Washburn Avenue.

Replaced the following posts which were knocked over by automobiles.

Fire alarm box 9, at Forest Avenue and Bedford Street.

Fire alarm box 812, at St. John and Danforth Streets.

Fire alarm box 812, at St. John and Danforth Streets.

(Box 812 replaced two times.)

Cable box at Preble and Congress Streets.

Cable box at Park and York Streets.

Police box 33, at Park Avenue and Deering Avenue.

BELLS AND WHISTLES

Removed the bell striker from St. Stevens Church, at the request of the church authorities.

Discontinued the bell striker at the West Church, at the request of the church authorities.

Rebuilt and painted the whistle house at the Gas Works. Cleaned all whistle and bell striking machines.

MAINTENANCE WORK

Tested all fire alarm boxes monthly.

Speeded up all fire alarm boxes, so they now operate at the rate of two blows per second.

ELECTRICAL STATION

Enclosed the stairway leading from the first floor to the basement with a metal partition.

Rewired the first floor and basement throughout.

Painted out the first floor, the battery room, the corridors, and one sleeping room.

PEAK'S ISLAND FIRE ALARM SYSTEM

Relocated fire alarm box 24.

Installed one tapper.

Inspected the entire system, replacing wire and trimming trees where necessary.

OTHER DEPARTMENTS

Rewired Engine 4 station throughout, using BX cable.

Rewired Ladder 3 station.

Rewired Engine 7 quarters, also the boat itself.

Installed and maintained traffic lights on Forest Avenue.

Put in new circuit in City Hall for the Board of Health Laboratory.

Wired numerous small jobs for other departments.

ELECTRICAL INSPECTIONS

Permits for new service,	579
Permits for additional service,	445
Permits for temporary service,	25
Places inspected,	1,607
Number of inspections,	2.621

FINANCIAL STATEMENT

	Appropriations and Credits	Expenditures	Balance Unexpended
Electrical Appliances,	\$25,957.73	\$24,937.91	\$1,019.82
Electrical Department Pensions,	545.00	499.57	45,43

PUBLIC SERVICE CORPORATIONS

CUMBERLAND COUNTY POWER AND LIGHT COMPANY

Poles set for renewals and extensions are as follows:

Power and Light Department

5 HOME CHINE IN HOUSE HOUSE COMMENT IN THE PROPERTY OF STREET HOUSE HOUSE HER PROPERTY HOUSE HER PROPERTY HOUSE	
30-foot Chestnut Poles	155
35-foot Chestnut Poles	95
40-foot Chestnut Poles	23
45-foot Chestnut Poles	46
50-foot Chestnut Poles	1
Total.	320

Railway Division

30-foot Chestnut Poles		39 4 50
Total,		93
Wire Used by Power and Light	Depart	ment
No. 6 Weatherproof Wire No. 4 Weatherproof Wire No. 2 Weatherproof Wire 2/0 Weatherproof Wire 4/0 Weatherproof Wire No. 14 Weatherproof Wire	29,770 72,8 8,131 309 6,400	6 lbs.
Total, No. 6 Tree Wire No. 2 Tree Wire	45,497 608 500	
Total,	1,108	"
Railway Division		
2/0 Trolley Wire	10,751 4,981 255 305 308 50	lbs.
Total,	16,650	"
Street Lighting System		
Lights added		
250 Candle Power 100 Candle Power 60 Candle Power 600 Candle Power 1000 Candle Power	······	131 3 117 8 4
Total,	-	263
Lights removed		200
250 Candle Power 100 Candle Power 60 Candle Power 4 Light Clusters. Total,	·····	5 22 20 10
Net increase	2	57 06

Activities Trouble Department

Number of Complaints Attende	d 6,986
Number of Street Lights Renevant	wed 8,141
Number of Cluster Lights Rene	ewed 2,025
Number of Railway Troubles R	eported 714
Number of New Services Instal	lled 1,089

Underground Department

A new duct line, consisting of sixteen ducts, was constructed on Park Avenue, from Deering Avenue to Forest Avenue, and on Portland Street, from Forest Avenue to Canton Street, with several connections to a parallel duct line located on the opposite side of the street.

Also a duct line of twenty-seven ducts was constructed on Forest Avenue from Portland Street to the Forest Avenue power house.

On Deering Street, Deering Place and Henry Street cables were placed in the duct line and all overhead services to adjacent property removed. Also on Free Street, between Oak and Congress, and on Oak Street, between Congress and Free, many services were connected to the underground system and corresponding overhead services removed as well as several poles.

No important extensions were made to the existing 2,500 volt and 11,000 volt cable system.

A new vault was placed in operation at the Eastland Hotel, and the vault formerly used at the Congress Square Hotel was removed from service, the new vault handling load for this entire property.

NEW ENGLAND TELEPHONE AND TELEGRAPH COMPANY
The following is a report of the most important improvements in the New England Telephone and Telegraph Com-

pany plant during the year 1927.

Between Congress, Mellen and Deering Streets (vicinity

of the Whitman Sawyer stables), new jointly owned poles, aerial cable and service wires.

Orchard and Fletcher Streets, new jointly owned poles, aerial cable and service wires.

Union Wharf and Commercial Street, new jointly owned poles, aerial cable and service wires.

A new large 232 pair toll cable from Portland to Brunswick.

Underground from 45 Forest Avenue via Ocean Avenue, entering aeriel cable on private property parallel to Ocean Avenue, near Cummings School. This cable provides for the removal of open wire formerly working on Presumpscot Street, Veranda Street, and Washington Avenue, and all open wire on the State Road to Lewiston.

A joint line with the Cumberland County Power and Light Company, providing for new aerial cable and service wire covering the following streets, is nearing the point of completion:

Revere, Beacon, Arlington, George, Saunders, Concord, Glenwood Avenue, Berkeley, Tremont, Lawn Avenue, Pleasant Avenue, Higgins, Orkney, Wolcott, Hastings, Fleetwood, Brighton Avenue, Rosemont Avenue, Hillis, Caldwell, Brentwood, Alba, Mabel, Leland, Bedell, Richardson, Crosby, Clinton, Elmwood, Stevens Avenue, College, Waverly, Arbor, Forest Avenue (Riverton Road), Belfort, Harris, Avalon Road, Lexington Avenue, Wall, Maine Avenue and Sawyer Street.

It is planned to cut the above cable into service before August 1, 1928.

RECOMMENDATIONS

Replace the old type interfering fire alarm boxes with modern non-interfering boxes as soon as possible.

All schoolhouses be required to have a fire alarm box connected to the city circuits.

Additional men be employed for the fire alarm operating room, so that two operators will be on duty at all times.

PORTLAND FIRE DEPARTMENT

1927 - Statistics and Information

Box Alarms Still Alarms A.D.T. Alarms Total Alarms	225 721 946	Actual Building Fires Chimney Fires Other Fires, grass, etc. Fires F.D. extinguished Emergency Calls	731 161 285 561 15
2-Alarm Fires	7	False Alarms	24
3-Alarm Fires	2	Out of City	14
4-Alarm (General)	1	Known Fire Fatalities	1
Special Calls	3	\$ Loss 345,	038

Fatalities

December 1: At a fire at 247R Congress Street, Helen Ladoupolos, age 36, fatally burned.

Alarms Answered by Fire Companies

Engine Co. " (L-2 w/E-2)		119 109 119	Ladder Co.	# 1 # 3	288 273
66	# 4 # 5	280	"	# 4 # 5	
" (L-6 w/E-6)	# 6	331	Chemical Co.	.#1	
(Fireboat)	# 7 # 8 # 9	190	Hose Co.	# 11 # 12	60

Highlights Extensive repairs were done to the fireboat (Engine 7). Engines were repaired and the two Amoskeag stationary steam engine pumps were rebuilt.

Apparatus The 1921 Reo hose & chemical combination formerly assigned to Hose 6 was overhauled, Repainted and was reassigned to Hose 2 on Munjoy Hill on April 2nd, replacing 2 horses.

> In July, a reserve hand-drawn hose wagon, with capacity for 650 feet of 21/2-inch hose, was Fitted out at the Repair Division shop and assigned to Great Diamond Island in July. This Became necessary on account of the installation of fire hydrants on the island.

A new Seagrave trailer section w/85-foot wooden two-section aerial ladder was purchased for Ladder 5 and will be delivered in 1928. It will be drawn by the present Seagrave tractor, Which went in commission in 1923. It replaces the forty year old 1887 Hayes aerial carriage And 85-foot wooden aerial ladder, which was hauled by three horses until 1917.

New

Apparatus District 2 car

Buick Roadster for District Chief Read

In service May

PFD Horses (8) Horses in service: Two each w/Steam Engine 2, Hose Wagon 3, and Ladders 2 and 6.

Apparatus in Service

	Year	Т	F-41-4100		
Assignment	In-service	Manufacturer, Pump	Size, Other Information		Location
Chief's car District 1 District 2	1926 1925 1927	Buick Coach Sedan Dodge Touring car Buick Roadster (new)	Chief Sanborn Deputy Chief Moulton (of District Chief Read	old Chief's car)	Central Station at E-4. at E-8.
E-1 H.P. 1 E-2 Steam L-2 E-3 Steam E-4 E-5 E-6 L-6 E-7 Steam E-8 H-9 H-11 H-12 Peaks Is. Long Is. Cliff Is. Great Dia	1899 1925 1920 1924 1926 1924 1894 1926 1921 1925 1921 1915 1920 1915	Amoskeag #833 (old I Haywood ladder & ch 1917 Christie tractor v Seagrave American LaFrance 1916 American LaFran 1883 Talbot & Moulto Fireboat (old 1891 Cheb American LaFrance Reo 1924 Reo Reo Hand-drawn two-whee 1910 Michigan chassis Hand-drawn two-whee	1,000gpm double combination (old Chem. 1) high pressure (old Chem. 1) hose & chemical combination (old Chem. 1) hose & chemical chose & chemical hose & chemic	are, w/2-turrets emical (old H-6) age old E-4), hose wagor tion tion tical (old H-8) iage (old L-3, 1) noskeags (rebuilt) on tank	Central Central Munjoy Hill w/E-2. 176 Brackett St. Spring St. Central Park Ave. w/E-6. Portland Pier Deering Ave. Arbor St. Ocean Ave. Peaks Island at Trefethen's Long Island Cliff Island Great Diamond
Chemical	1 1925	Mack chemical & squa	d combination w/three 40)-gallon tanks	Central
L-1 L-3 L-4 L-5	1924 1919 1922	American LaFrance (Indiana/McCann American LaFrance (Indiana)	City service ladder & cher City service ladder & cher City service ladder & cher 1887 carriage w/85-foot v	mical mical mical	Central 163 Brackett St. Arbor St. Central
	1925 1926	Used Larrabee truck 1915 Cadillac Roadster Ford 2-door sedan 1924 Ford Roadster	Supply truck Servi Shop truck Reparation Asst. City Electrician Electrical Inspector	ir Division	Central 99 India St. Federal St. Federal St.
		Reo w/derrick	Fire Alarm Division L	inemen	Federal St.
In Reserve	1903	Amoskeag #772	self-propelled steamer	(old E-5)	Central
	1908	Amoskeag #837 Amoskeag #823 Amoskeag #554/6	steam engine	(old E-9, 8)	at E-9. at E-6. at E-8.
	1909	Combination Ladder Co.	Ladder & chemical car	riage (old C-11)	at old H-11.
	5 Hose wa	agons (1 old H-9 w/4wMC	3), 5 exercise/coal wagons, 9	9 exercise/coal sleds	s, 8 hose pungs.

Manual Force (113 Permanent Men)

Chief Deputy Chief District Chief Captains	1 1 1 18	Lieutenants Enginemen Mechanics Privates	16 10 1 65
Call Force Volunteers	26 10 (Peaks Island)		

10 (Peaks Island)

Long, Diamond and Cliff Islands (each island w/one man employed to care for apparatus)

Appointed	Private Floyd H. Chase Private Frank Thomas Private George E. Ward Private Robert H. Flaherty Private George J. Foley Private Joseph P. Martell Private Charles J. Meissner	Appointed February February February June June June June June	Privat Privat Privat Privat F.A. I	te Andrew J. Phillips te Maurice W. Skillin te William E. Sawyer te Robert J. Walsh te Carl P. Johnson Lineman John A. Whidden te Harry W. Marr	Appointed June June June June 7/18/27 9/12/27 12/16/27
Promotions	Private Guy R. Purinton Private Ralph Moses Private Frank J. Mullins Private Arthur J. Murdock Lieutenant Dwight H. Tinkl Private John H. Mullins Private Thomas S. Murdock F.A. Lineman Frank E. Sarg	to I	Lieutenant Lieutenant Lieutenant Chief's Driver Captain Lieutenant Lieutenant Assistant Electr	Appointed 2/13/27 2/13/27 2/13/27 2/15/27 12/7/27 12/7/27 12/7/27 ician 1927	
Resigned	Private Daniel E. Buckley Engineman Charles F. Jarvis Private Paul E. Sampson Private Clinton R. Sampson	3		Resigned 3/4/27 3/31/27 6/13/27 12/4/27	
Retirements	Engineman Benjamin F. Wo Engineman Charles F. Jarvis Assistant City Electrician Fr Captain Ralph H. Eaton Lieutenant John W. Lombard	ederick W	. Barnes, Sr.	Retired 1/14/27 4/1/27 7/1/27 9/30/27 9/30/27	
<u>Deaths</u>	Private Benjamin L. Sawyer			<u>Died</u> 6/9/27	

Fire Department

PORTLAND

Hdqrs. Central Fire Station, 380 Congress BOARD OF ENGINEERS

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

ENGINE 1.—380 Congress. Melville G. Frank, capt.; Walter M. Jackson, lieut.; Harry H. Abbott, William E. Blake, engineers; Joseph L. Woodill, Loring S. Towle, Guy Young, firemen.

ENGINE 2.—134 Congress. Chas. H. Mayberry, capt.; Geo. T. Harding, lieut.; Jas. T. Rollinson, engineman; Charles Stokes, D. James Doyle. John L. Fogg, Chas. E. Griffin, John J. McGowan, drivers.

ENGINE 3.—176 Brackett. Timothy E. Quinlan, capt.; James H. Vickery, lieut.; James H. Markley, engineman; George H. Hagen, Matthew J. Cady, John O. Russell,

ENGINE 4.—157 Spring. Edw. T. Honan, capt.; Edw. A. Hodgdon, lieut.; Jas. W. McCorrison. chauffeur; John H. Mullins, Daniel Buckley, Ernest A. Fogg, Guy R. Purinton, Geo. J. Foley, firemen.

ENGINE 5. — 380 Congress. Charles F. Feeney, capt.; Frank H. Joseph, lieut.; Fred W. Walton, engineman; Thos. S. Murdock, chauffeur; Thomas A. Burgess, Alarison DeMott. John H. Weimert, Robt. H. Flaherty, firemen.

ENGINE 6. — 295 Park av. William F. Moulton, capt.; John W. Lombard, lieut.; Francis J. Gill, chauffeur; Herbert J. Noyes,

driver; S. Mayor Hammett, Jos. P. Martell, Earl D. Foye, Wm. Hieber, firemen.

ENGINE 7 (Fire Boat). — Portland pier. John M. Wallace, capt.; Charles H. Miller, lieut.; Rodney E. Bucklin, engineer; Thos. W. Gould, Edw. W. Bucknam, asst. engineers; Thomas W. Gould, stoker.

ENGINE 8. — 536 Deering av. Amos S. Knight, capt.; Leslie R. MacVane, lieut.; Frank E. Banks, chauffeur; George C. Partridge, Paul E. Sampson, William W. Sanborn, Frank W. Boothby, firemen.

ENGINE 9.—17 Arbor. G. W. I. Stevens, capt.; Daniel J. Curber, chauffeur; Chas. F. Jarvis, Edw. T. Cronin, Clinton R. Sampson, firemen.

CHEMICAL 1.—133 Market. Dwight F. Tinkham, lieut.; Arthur J. Murdock, chauffeur; Patrick J. Bowen, Thos. A. Mulkern, Wm. E. Sawyer, Clarence S. Lockhart, fire-

LADDER 1. — 380 Congress. Joseph A. Cooper, capt.; Arthur E. Libby, lieut.; Edward Fowler, chauffeur; Freeman H. Blake, Jas. L. MacVane, Andrew J. Phillips, fire-

LADDER 3.—163 Brackett. Jos. L. Blake, capt.; Wm. S. Berry, lieut.; Frank J. Mullins, chauffeur; Timothy J. Powell, Michael J. Carlson, Jos. E. Smith, firemen.

LADDER 4.-17 Arbor. Frederick C. Larsen, capt.; Stephen A. Dow, lieut.; Fred L. Smith, driver; Oscar F. Dodd, Walter H. Horr, Fred A. Alexander, firemen.

LADDER 5.-380 Congress. Wm. E. Fuller, capt.; Frank J. Conroy, lieut.; Hermann H. Buckmann, chauffeur; Walter P. Webster, Grover C. Rottman, Chas. J. Meissner, firemen.

HOSE AND COMBINATION 11. — 579 Ocean av. John Q. Jordan, capt.; Harry A. Lucas, chauffeur; Fred L. McDaniel, John W. McNeil, firemen.

PEAKS ISLAND HOSE 12. — Melville I

FEARS ISLAND HOSE 12.— Melville I Griffin, capt.; Henry F. Greene, Abram I Sterling, Albert O. Jenks, firemen.

UNATTACHED MEN.— Capt. Frank I Carr, clerk; Capt. Ralph H. Eaton, mast. mechanic; Capt. Henry G. Rowe, supervising engineer; Benj. F. Woodbury, engineman Edward S. Gaddas, mech. eng.; Chas. Skillin, store keeper; Ralph Moses, chamfeur.