

**FIRE DEPARTMENT
ANNUAL REPORT**

-- 1944 --

CHIEF EDWARD JOSEPH PAGE

MADISON, WISCONSIN

1944

ANNUAL REPORT

MADISON FIRE DEPARTMENT

Honorable Mayor
F.Halsey Kraege

Honorable Board of Police and Fire Commissioners

Madam and Gentlemen:

I have the honor to submit herewith my first annual report as Chief of the Madison Fire Department for your approval. In submitting this report I sense a deep feeling of responsibility invested in the office -- a responsibility I hope to dedicate to improvement in the department and in service to the public. It is my sincere hope that the splendid basis of co-operation and understanding which was extended to me in my new undertaking by the honorable bodies of our city and its various department heads may be continued on the same basis in the years to come. Through this medium we will have a deep appreciation of the many complex problems confronting our respective offices and be able to arrive at a mutual understanding agreeable to all concerned. In so doing I am sure that the final product of our work will be rewarded by efficient, willing workers dedicated to the protection of life and property.

May I then at this time express my thanks and appreciation to the Honorable Mayor, the Honorable Board of Police and Fire Commissioners, and the Common Council for the confidence reposed in me.

Recently some changes have been made within the department as to personnel and the redistribution of equipment. Also some new units of equipment have been added. At the request of our Honorable

Mayor, Mr. J.B.Wilkerson of the National Board of Fire Underwriters came to Madison and made a survey of the near northeast side relative to locating a site for the new Number 8 Fire Station which is considered in our post-war program. Plans are now under way to acquire property within this specified area. In so doing, when the station is completed we will receive full credit in our insurance rating from the National Board in any future surveys.

Officers School was again resumed as a part of our training program last November. Meetings with the officers are held at headquarters each Saturday morning. This is of tremendous value to the improvement of the service and to the individual officer himself. He is free to discuss or ask advice on any particular problem he may have. As an example, discussions are held relative to the operating and improved efficiency in the department, such as co-ordinated methods of attacking fires and in laying hose lines in with their own respective companies. There is now a program in operation relative to the placing of equipment in given places in response to box alarms and buildings of extremely hazardous natures. Problems such as these are worked out and adopted by unanimous vote of the group.

Many personal problems in the administration of their respective stations regarding personnel, such as disciplinary measures and problems arising within the stations are discussed as a group and usually a satisfactory solution is arrived at. Minutes of all meetings are kept and are on file.

I wish to compliment the officers for their splendid interest taken in the school and for their unselfishly devoting their off-time to attending these very worthy meetings.

FIRE PREVENTION

This branch of the service may well be considered the backbone of fire department work. To date it has been a physical impossibility to carry on an efficient fire prevention program due to the fact that we had but two Inspectors. Two additional men have been granted for the ensuing year. This group of four men will be the nucleus from which a fire prevention bureau will be established, with a Captain at its head. I hope to see this bureau develop to a point where we will have at least 8 or 10 inspectors.

It is an accepted fact that one Inspector on his regular tour of duty prevents at least one fire a day. We have agreed that the cost of responding to one alarm, exclusive of fire alarm service and fire inspection service, costs the city well over two hundred dollars per call. So it is readily seen that the bureau with an effective personnel would more than compensate the city through this medium of inspection alone. The extent to which one of these fires might develop will never be known, much less the lives and property that would be lost -- property that would be lost to our tax rolls.

When this bureau is established it will then be possible to carry on an extensive educational program embracing all the phases of fire prevention. The only means by which the tremendous fire losses in our country can be reduced is by educating our children and adults on fire prevention. It is much better to have 8 or 10 men preventing fires than to have 50 or 100 men combatting fires.

During the course of the year our Inspectors referred many structural and electrical hazards to the Building Department. We have received splendid co-operation from this department in having these structural and electrical defects corrected.

THE MASTER MECHANIC

Now that we are engaged in a war of such magnitude that it is exacting demands of our citizens and of our departments that have never been equalled before, it has presented a tremendous problem in keeping our units up to standard. Many of these units can not be replaced. It is equally true that automotive parts for these units are not now available and in all probability will not be available for the duration. Our Master Mechanic, our officers and drivers are aware of this fact and have practised an added measure of precaution in the care and maintenance of our equipment.

Late last fall all pumping units as well as high pressure equipment were tested. With a few minor adjustments the equipment, including reserve and older units, gave us the peak of performance. These tests were made under National Board of Underwriters requirements. Much credit must be given our Master Mechanic, Mr. James Snaddon, at this time for his splendid work in keeping our equipment up to its present standard.

I wish also to compliment the officers and the drivers, particularly the drivers, for the keen interest taken in the care and operation of their respective units. It has long been my thought, as it is now, that Fire Department drivers should be compensated with additional salary for the added responsibility their particular positions demand. I hope that this may become a reality next year.

THE DRILLMASTER

As you will note in the statistics compiled on the following pages, 3,481 hours and 42 minutes were spent by department members and the Drillmaster in drilling and studying the various evolutions of fire department work. When you add to this the many unknown hours a fireman studies by himself in preparation for his school

work, it sets up an interesting comparison with the actual study hours most students devote to the pursuit of their education. I think it would be very difficult for any industrial or office worker to duplicate this interest as shown by the firemen in pursuit of knowledge pertaining to his work. It is through this application of study and drill that the public has been given an efficient, keen-thinking fireman. I believe that our men in the fire service stand second to none in their knowledge and ability to perform their very responsible duties. Captain Ratcliffe, the Drillmaster, has been handicapped to a very marked degree. This has been stated in previous reports. This handicap is due to the lack of a drill tower and much-needed additional equipment for drill purposes. This I hope will be taken care of in our post-war program.

One of our greatest handicaps in the drill school is due to the fact that the firemen do not have a standard textbook to study from. Much of their information is obtained at their own expense and in so doing they do not always have a standard version of a given subject, due to the fact that there are so many different books published on fire department work. It then becomes necessary for the Drillmaster to standardize such as is applicable to the City of Madison. I hope in the course of this year to be able to supply each member with a textbook and each company with a reference book on fire department evolutions and work. This I believe is common sense. No instructor in educating pupils in elementary, high school, or university, would attempt to teach pupils without proper textbooks. It most certainly will be money well spent. In view of the fact that many handicaps do exist in the department of drill, I think that Captain Ratcliffe has done a splendid job.

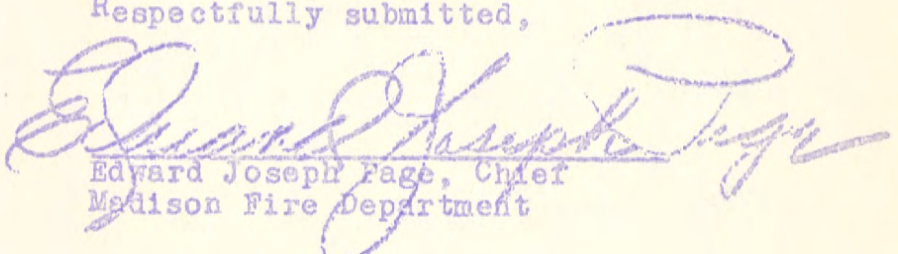
POLICE AND FIRE ALARM SYSTEMS

Care and maintenance of the alarm and amplifying system has been a difficult problem for many years due to the fact of its antiquity. The alarm system has been difficult to keep up to standard; in addition to the aforementioned, it is impossible to obtain proper and equipment and parts due to the war. Mr. Henry and Mr. Newman, our department electricians, have done a worthy service in keeping this system operating under many abnormal circumstances. Mr. Ray Groenier of the Police Department has been highly instrumental in keeping the amplifying system up to standard, for which I am grateful.

You will find in the following pages of this report statistics relative to the operation and personnel, and of the services rendered by our department in the past year.

In conclusion I again wish to express my appreciation to all the members of the Fire Department, Police and Fire Commission, the Honorable Mayor, and the members of the Common Council for the interest they have taken in our department.

Respectfully submitted,



Edward Joseph Page, Chief
Madison Fire Department

EJP/bf

IN MEMORIAM

LYMAN R. BROWN

BORN DECEMBER 3, 1892

APPOINTED FIREMAN

MAY 16, 1924

DIED FEBRUARY 28, 1944

JOSEPH S. SCHUSTER

BORN MARCH 20, 1918

APPOINTED FIREMAN

APRIL 10, 1942

ENTERED MILITARY SERVICE JANUARY 27, 1943

DIED IN ACTION DECEMBER 24, 1944

HONOR ROLL

WILSON DONKLE	JOHN DE BECK ✓
ERDMAN PANKOW	PAUL WELSCH
HARRISON LANGLEY ✓	HAROLD MUENKEL ✓
WILLIAM SULLIVAN	JAMES FRASER ✓
CLEMETH RISLEY ✓	CHARLES HESSLING
FRED MANTHE ✓	HENRY ANDERSON
*JOSEPH SCHUSTER	DONALD CHASE ✓
JOSEPH ROBERTS	PAUL TOFFE ✓
VINCENT GEIER	ERWIN LICHTER
HOWARD COMSTOCK ✓	ROBERT PANKOW
KERMIT HERMANSON	<i>Down</i>

* Killed in Action

STATION NO. 1

✓ E. Page	Chief	Feb. 16, 1930	✓ L. Sime	2nd Asst. Chief	Dec. 6, 1925
✓ P. J. Brown	1st. Asst. Chief	Nov. 26, 1906	✓ A. Rogg	Lieutenant	Apr. 21, 1919
✓ E. Stadelman	Lieutenant	Feb. 1, 1923	✓ W. Ayers	Pvt.	Jan. 15, 1940
✓ E. Bokina	Pvt.	Sept. 11, 1941	✓ M. Gersbach	Pvt.	Nov. 1, 1936
✓ M. Kammer	Pvt.	Apr. 16, 1940	✓ J. Hoffman	Pvt.	Aug. 1, 1923
✓ V. Dahnert	Pvt.	Jan. 2, 1943	✓ E. Knope	Pvt.	Nov. 1, 1937
✓ F. McMahon	Pvt.	Mar. 27, 1941	✓ W. Lynaugh	Pvt.	Feb. 16, 1930
✓ R. Mani	Pvt.	Oct. 1, 1943	✓ C. Paltz	Pvt.	Apr. 16, 1940
✓ A. Spring	Pvt.	Jan. 15, 1940	✓ G. Prideaux	Pvt.	Feb. 1, 1923
✓ G. Staley	Pvt.	Jan. 1, 1938	✓ F. Rice	Pvt.	Jan. 15, 1940
✓ C. Tomcany	Pvt.	June 1, 1932	✓ R. Schimming	Pvt.	Oct. 1, 1930
✓ J. Williams	Pvt.	Feb. 1, 1923	✓ W. Gavin	Pvt.	July 1, 1943
✓ R. McGraw	Pvt.	Jan. 15, 1940			

DAILY EMPLOYEES

✓ A. Lerwick, Lieutenant-Inspector	July 1, 1924
✓ E. W. Henry, Electrician	July 1, 1926
✓ W. Newman, Assistant Electrician	Feb. 20, 1928
✓ P. Gabbel, Lieutenant-Inspector	Feb. 16, 1930
✓ S. Ratcliffe, Captain-Drillmaster	July 16, 1926
✓ J. Snaddon, Master Mechanic	Feb. 6, 1922
B. Ford, Secretary	Jan. 1, 1944

STATION NO. 2

R. Adank	Captain	Aug. 9, 1928	H. Starkweather	Lieutenant	Feb. 16, 1930
A. Beld	Pvt.	June 5, 1944	F. Bernard	Pvt.	June 9, 1922
E. Beale	Pvt.	Oct. 1, 1936	A. Kohn	Pvt.	Feb. 16, 1930
J. Kinney	Pvt.	Aug. 16, 1935	W. Parr	Pvt.	July 1, 1925
O. Pankow	Pvt.	Mar. 4, 1942	C. White	Pvt.	June 16, 1944

STATION NO. 3

A. Wilcox	Captain	Feb. 16, 1930	J. Boyle	Lieutenant	July 1, 1930
E. Goikovich	Pvt.	Jan. 16, 1941	W. Austin	Pvt.	June 1, 1932
J. Lukas	Pvt.	Oct. 1, 1944	T. Barry	Pvt.	Jan. 13, 1943
P. Reublin	Pvt.	Jan. 11, 1945	J. Davis	Pvt.	June 5, 1944
H. Dennis	Pvt.	Nov. 4, 1924	E. Lynch	Pvt.	Jan. 3, 1944
G. Stone	Pvt.	June 5, 1944	C. Prideaux	Pvt.	Feb. 15, 1924
V. Wonn	Pvt.	Apr. 1, 1942	H. Smith	Pvt.	Dec. 6, 1925

12 men

STATION NO. 4

R.Herrling		July 1, 1925	P.Narf	Jan. 16, 1939
Captain			Lieutenant	
J.Huston	Pvt.	June 15, 1939	M.Nason	Pvt. Nov. 9, 1940
J.Kerwin	Pvt.	July 16, 1938	C.Aberle	Pvt. June 16, 1932
S.Brinkman	Pvt.	Jan. 15, 1940	P.Fehrend	Pvt. Jan. 15, 1940
J.Randell	Pvt.	Jan. 6, 1944	J.Euechner	Pvt. Feb. 19, 1943
J.Taylor	Pvt.	Aug. 16, 1944	J.Tisserand	Pvt. July 7, 1943

STATION NO. 5

10 men

C.Chase		May 12, 1913	D.Lawrie	Feb. 1, 1929
Captain			Lieutenant	
G.Petersen	Pvt.	Apr. 10, 1928	C.Dolva	Pvt. Feb. 1, 1925
J.Jacobson	Pvt.	Feb. 15, 1927	O.Graack	Pvt. May 1, 1922
A.Lewis	Pvt.	July 16, 1926	H.Reynolds	Pvt. Dec. 6, 1925
C.Andersen	Pvt.	June 16, 1944	A.Sime	Pvt. Aug. 16, 1944

STATION NO. 6

12 men

L.Hoffman		Jan. 24, 1922	J.Stormer	June 1, 1922
Captain			Lieutenant	
*J.Martinelli	Pvt.	Apr. 17, 1943	L.Blizard	Pvt. Jan. 16, 1936
O.Vallem	Pvt.	July 16, 1943	J.Engelberger	Pvt. Jan. 15, 1940
G.Stanek	Pvt.	June 27, 1939	R.Eisenhauer	Pvt. Dec. 3, 1943
*A.Horstmeyer	Pvt.	Dec. 5, 1944	*R.Triggs	Pvt. Jan. 2, 1943
J.Shipley	Pvt.	June 8, 1944	L.Holl	Pvt. Mar. 16, 1944

STATION NO. 7

12 men

E.Durkin		Feb. 1, 1923	A.Emerson	Feb. 16, 1930
Captain			Lieutenant	
*H.Ellis	Pvt.	May 1, 1922	W.Koch	Pvt. Dec. 6, 1925
H.Holzwarth	Pvt.	July 1, 1924	R.Lawrence	Pvt. May 1, 1922
S.Oldham	Pvt.	Dec. 6, 1925	M.Lemon	Pvt. July 1, 1925
H.Johnson	Pvt.	Feb. 15, 1927	K.Gibbs	Pvt. June 5, 1944
H.Page	Pvt.	Jan. 22, 1928		

CHART OF ALARMS

1934 to 1944 Inclusive

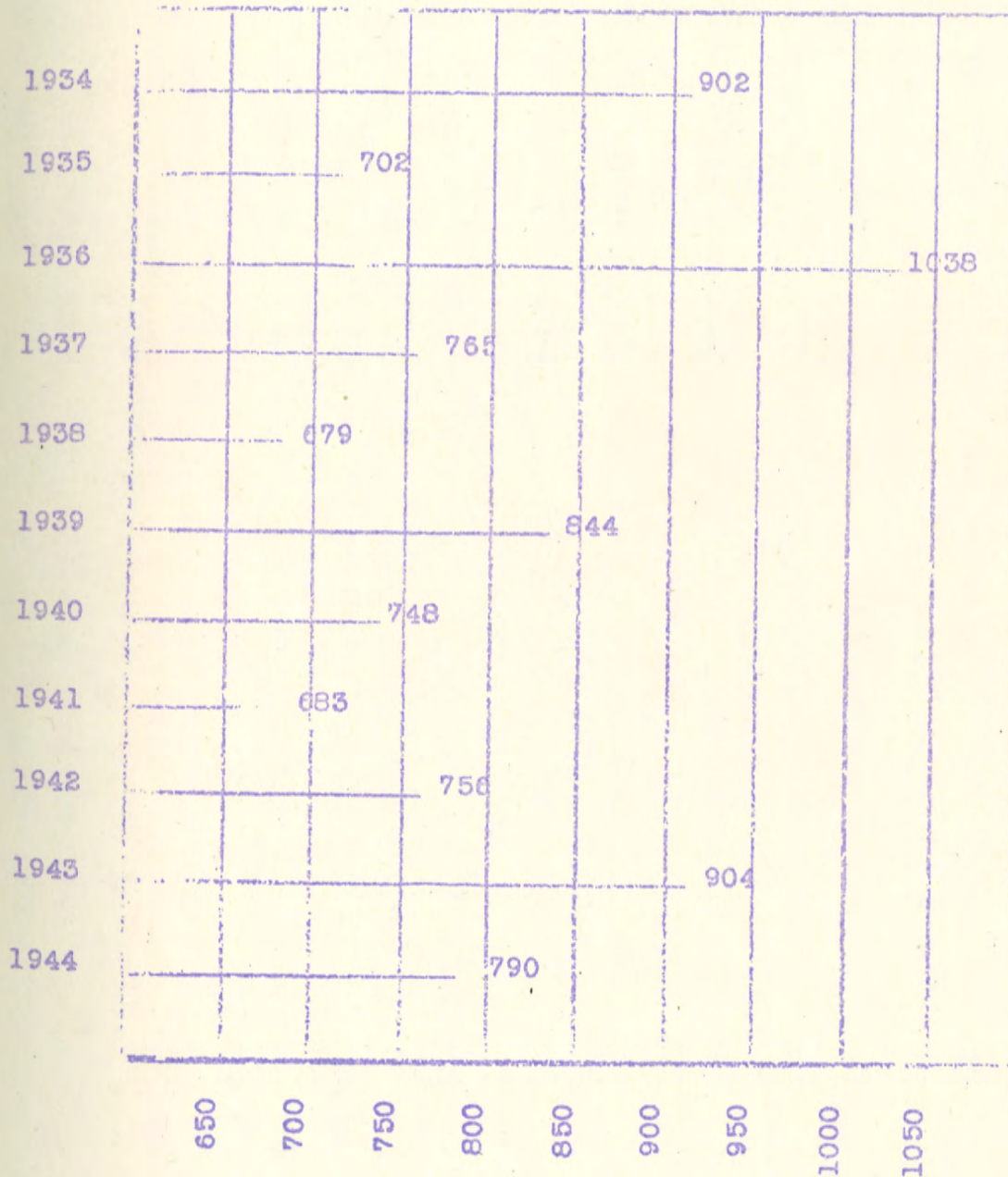
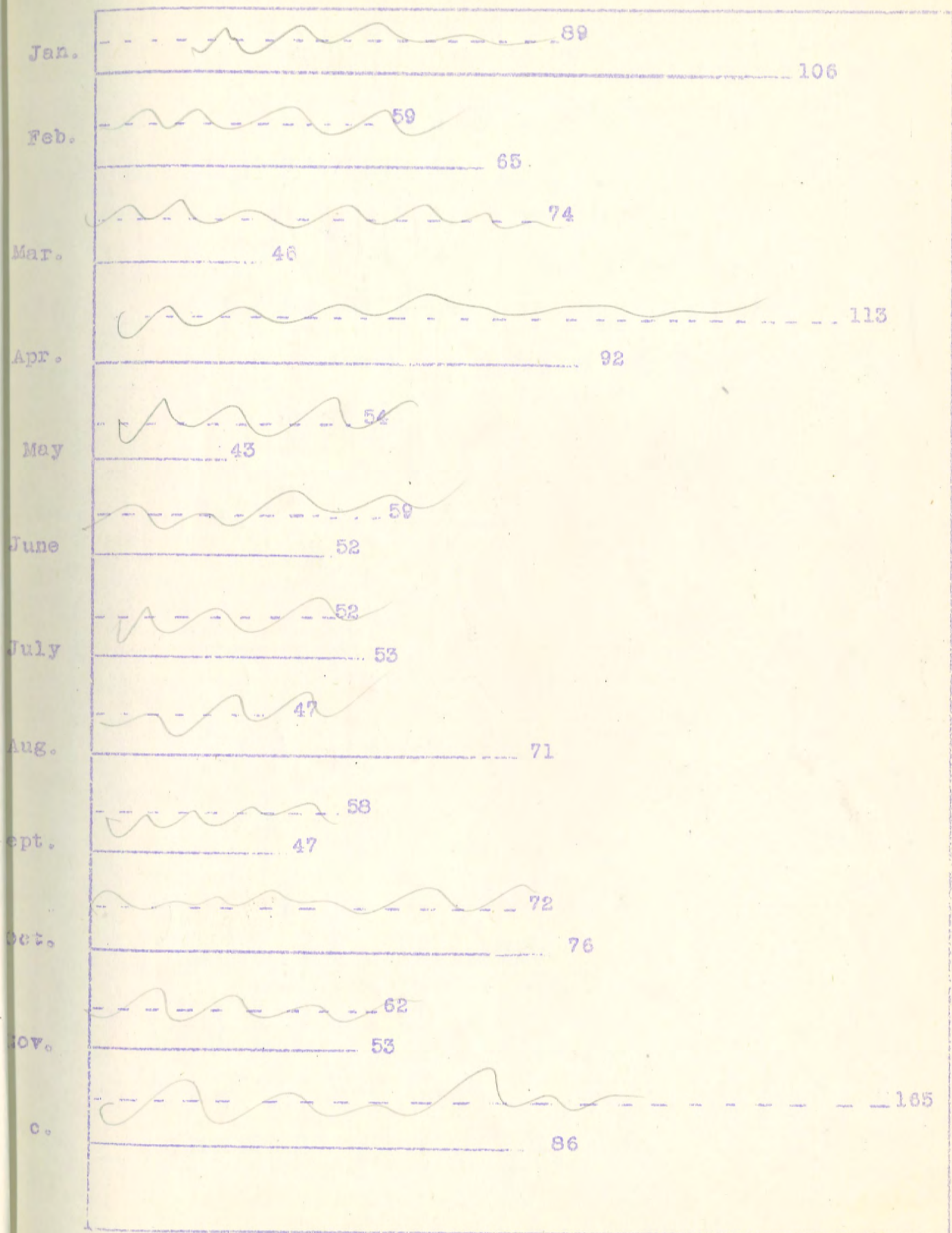


CHART OF ALARMS

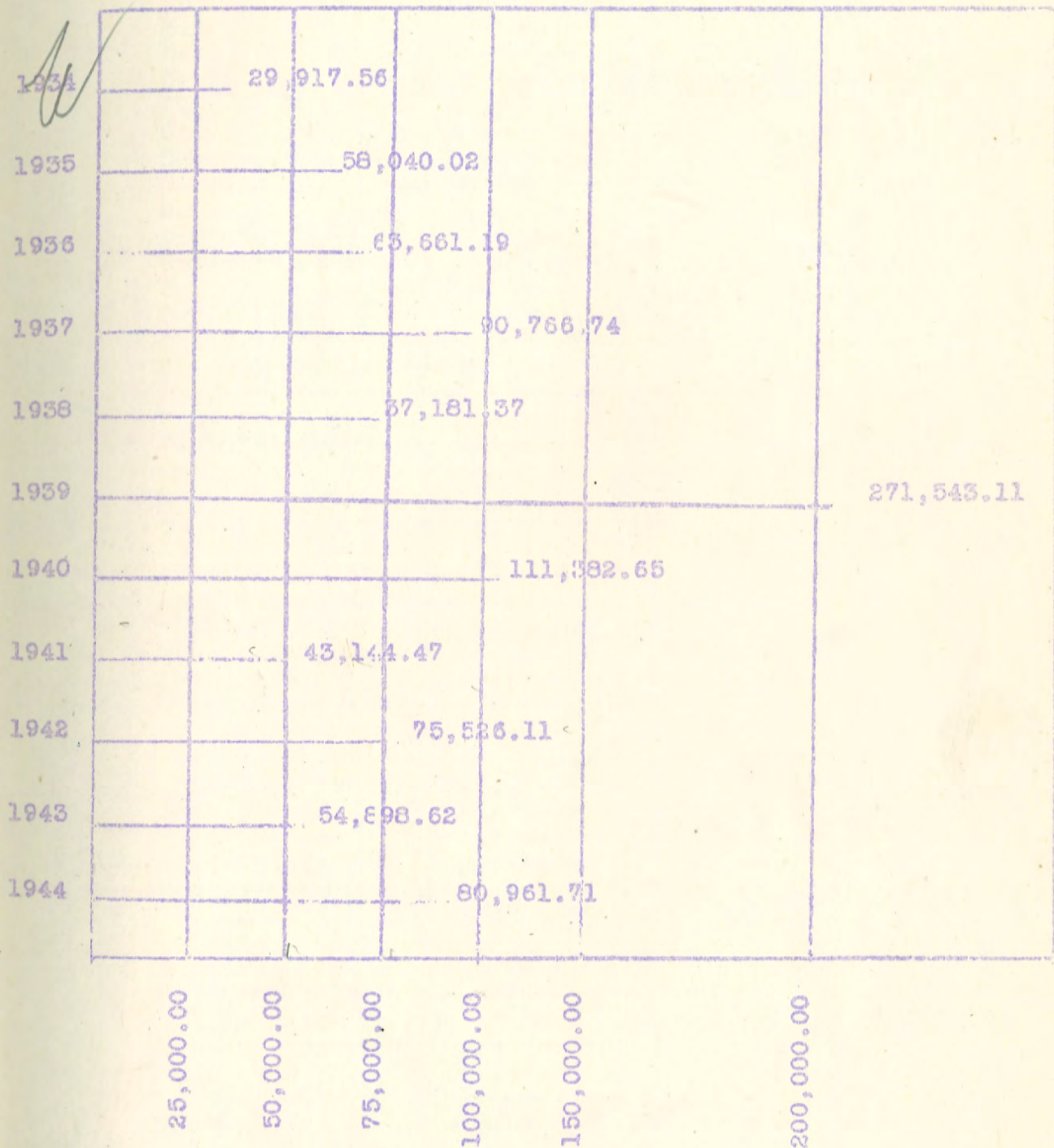
1943 to 1944 Inclusive



Key 1943-----
1944-----

CHART OF LOSSES:

1934 to 1944 Inclusive



1944 ALARMS

BUILDINGS INVOLVED

Apartments-----	31
Apartment Hotels-----	1
Bakeries-----	6
Beauty Salons-----	1
Cement Workshops-----	1
Chicken Coops-----	1
Chimney Fires-----	1
Churches-----	3
Dancehalls & Restaurant-----	1
Dormitories-----	1
Drugstores-----	1
Drugstore and Apartment-----	1
Dry Cleaners-----	1
Dwellings-----	174
Factories-----	5
Filling Stations-----	4
Flats-----	19
Flat and Grocery-----	1
Fraternities-----	1
Garages-----	15
Gasoline Bulk Storage Plant-----	1
Hotels-----	5
Ice Cream Plants-----	1
Laundries-----	1
Lumber Sheds-----	2
Machine Shop & Garage-----	1
Monument Shops-----	1
Music Stores-----	1
Night Clubs-----	1
Offices-----	3
Packing Plants-----	1
Paint Stores-----	1
Play Houses-----	2
Print Shops-----	1
Restaurants-----	8
Restaurants & Apartments-----	5
Restaurants & Taverns-----	6
Rooming Houses-----	3
Schools-----	3
Service Centers-----	1
Shacks-----	2
Sheds-----	1
Shops-----	4
Sororities-----	1
Stores-----	16
Store and Apartments-----	6
Store and Restaurants-----	2
Taverns-----	6
Tavern and Apartments-----	1
Tavern and Dancehalls-----	1

1944 ALARMS

BUILDINGS INVOLVED

(Continued)

Tavern and Offices-----	1
Tavern and Restaurants----	1
Transportation Companies--	1
Warehouses-----	7
Workshops-----	1
Total Bldgs. Involved-----	<u>370</u>

1944 ALARMS

BUILDINGS - CAUSES

Accidents-----	1
Acetylene Torch-----	2
Broken Oil Line-----	1
Broken Valve-----	1
Brooms, etc., Against Heater-----	1
Burning Beeswax-----	1
Burning Leaves-----	1
Burning Oil-----	1
Car Exhaust-----	1
Children Playing in Shack-----	1
Children Playing with Matches-----	15
Chimney Fires-----	75
Cleanout Ignited Coal Pile-----	1
Clinkers Set Fire to Rubbish-----	1
Clogged Chimney-----	1
Cloth Over Bulb Started Fire-----	1
Combustibles too Close to Stove-----	1
Defective Electrical Appliances-----	2
Defective Fireplaces-----	1
Defective Oil Burners-----	2
Defective Furnace Pipes-----	3
Defective Refrigerators-----	1
Defective Stovepipes-----	1
Defective Wiring-----	6
Electric Irons-----	1
Electric Motors-----	11
Excessive Oil in Burner Ignited-----	1
Explosion of Stove-----	1
Faulty Oil Burners-----	1
Firebrands Set Warehouse Afire-----	1
Fireplace Screen Caught Fire-----	1
Fireplace Set Partition Afire-----	1
Food Burning on Stove-----	3
Gas Plates-----	1
Grease Burning-----	15
Greasy Rag Ignited-----	1
Heating Plant Flooded-----	1
Hot Ashes-----	9
Hot Clinkers-----	1
Hot Soot-----	1
Hot Water Heaters-----	2
Ignition from Adjoining Building-----	1
Juice Squeezer Ignited-----	1
Kettle of Lead Broke; Ignited Oil-----	1
Leaking Gas Pipes-----	1
Leaky Oil Heaters-----	3

1944 ALARIS

BUILDINGS - CAUSES

(Continued)

Light Bulbs Breaking-----	2
Lightning-----	2
Matches-----	5
Mattress Burning-----	1
Motors Burning-----	9 ⁽⁴⁾
Motor Shorted-----	1
Neon Sign-----	1
Oil Ignited-----	4
Overheated Boilers-----	2
Overheated Electric Irons-----	2
Overheated Fireplaces-----	1
Overheated Furnaces-----	8
Overheated Gas Dishwasher-----	1
Overheated Hot Air Stack-----	1
Overheated Hot Water Heater-----	4
Overheated Iron-----	1
Overheated Motors-----	9
Overheated Oil Heater-----	1
Overheated Oil Stove-----	1
Overheated Paraffin Tanks-----	3
Overheated Pastry Fryer-----	1
Overheated Smokepipes-----	7
Overheated Smokestacks-----	2
Overheated Steampipes-----	4
Overheated Stovepipes-----	3
Overheated Stoves-----	6
Paper Burning-----	5
Rats Gnawing Matches-----	1
Re-ignition-----	4
Rubbish Burning-----	10 ⁽⁹⁾
Seed Fumigation-----	1
Short Circuits-----	14 ⁽²⁾
Soot Burning-----	4
Sparks from Chimney-----	21 ⁽¹⁾
Sparks from Bonfire-----	1
Sparks from Electric Wiring-----	1
Sparks from Incinerator-----	2
Spontaneous Ignition-----	1
Steampipe Ignited Joist-----	1
Sulphur Candles Ignited-----	1
Transformers Burning-----	3
Undetermined-----	37
Total-----	<u>370</u>

OTHER THAN BUILDINGS

What was Involved		Causes	
Automobiles-----	54	Acetylene Torch-----	1
Brush Piles-----	1	Alcohol Burning-----	3
Buses-----	2	Automobiles Burning-----	2
Coal Piles-----	3	Backfires-----	7
Corn Shocks-----	1	Bonfires-----	1
Dumps-----	26	Brake Lining Burning-----	1
Electric Wires-----	1	Burning Leaves-----	2
Gasoline-----	1	Burning Motor-----	1
Grass Fires-----	57	Carburetors Leaking-----	2
Hay Burning-----	2	Careless Smokers-----	16
Incinerators-----	1	Children Playing With Matches-----	6
Leaves Burning-----	4	Cleaner Sludge Ignited-----	1
Locomotive Cab Burning-----	1	Coal Burning-----	3
Marshes Burning-----	16	Dump Fires-----	25
Mattresses Burning-----	2	Fire Set By Children-----	1
Refrigerators-----	1	Gasoline Ignited-----	2
Rubbish Burning-----	13	Gasoline Leaks-----	3
Tar Kettles-----	2	Grass Fires-----	47
Tractors-----	1	Hay Burning-----	1
Trailers-----	2	Marsh Fires-----	15
Transformers-----	1	Overheated Stoves-----	2
Trees-----	2	Radiator Fluid Ignited-----	1
Trucks-----	16	Radiator Hose Broke-----	2
Vacant Lots-----	1	Re-ignition of Previous Fire-----	1
Total-----	211	Rubbish Burning-----	14
		Shorts in Wiring-----	32
		Sparks from Chimney-----	1
		Sparks from Train-----	1
		Sparks from Wires-----	1
		Tar Caught Fire-----	1
		Tar Kettles Afire-----	2
		Transformers Burning-----	1
		Undetermined-----	13
		Wires set Grease Afire-----	1
		Total-----	211

ALARMS NOT INVOLVING FIRE

Accidents-----	2
Broken Belt in Motor-----	1
Defective Oil Burners-----	2
Electric Wires-----	7
Empty Hopper; Furnace Smoked-----	2
Escaping Steam-----	3
False Alarms-----	28
Fire Out on Arrival of Department--	1
Flooded Steam Boiler-----	1
Fly Spray Mistaken for Smoke-----	1
Misinformation-----	8
Mistaken Alarms-----	2
Overheated Furnaces-----	3
Overheated Hot Water Heater-----	1
Plugged Chimneys-----	1
Plugged Incinerator-----	3
Plugged Stovepipes-----	1
Reflection of Fire-----	1
Safety Valve Blew Off-----	1
Short Circuits-----	1
Smell of Smoke-----	1
Smokepipes-----	3
Smoky Buildings-----	2
Smoky Fireplaces-----	1
Smoky Furnaces-----	12
Smoky Incinerators-----	2
Smoky Refrigerators-----	1
Smoky Stokers-----	6
Smudge Taken For Fire-----	1
Steam Exhaust Set Off Sprinkler	
Heads-----	1
Steam Taken For Smoke-----	1
Stove Burner Smoking-----	1
Total-----	102

320
 211
 581
 + 102
 683
 53
 736
 199

SPECIAL SERVICES

Adjusting Screw Replaced-----	1
Ammonia Leak Shut Off-----	1
Animals Rescued-----	7
Children Aided-----	1
Cornice Removed-----	1
Cracked Steam Boiler-----	1
Flooded Heating Systems-----	2
Flooded Skating Rink-----	1
Gas Escaping from Refrigerator---	1
Guy Wire Attached-----	1
Leaky Refrigerator-----	4
Lid Came Off Water Softener-----	1
Loose Window Pane Removed-----	1
Meat Burning-----	1
Ropes Put on Flagpoles-----	4
Roped Off Street-----	1
Safety Valve on Boiler Faulty----	1
Signs Painted-----	2
Signs Removed-----	3
Smoke From Chimney-----	1
Tenants Locked In or Out of Buildings-----	17
Total-----	<u>53</u>

INVESTIGATIONS

Boys Started Fire-----	1
Burning Asthma Powder-----	1
Burning Easter Eggs-----	1
Careless Smokers-----	1
Clogged Incinerator-----	1
Disconnected Smokepipe-----	1
Door Blew Open-----	1
Empty Stoker Filled Basement With Smoke-----	1
Escaping Steam-----	3
Faulty Heaters-----	1
Faulty Oil Burners-----	1
Flooded Heating System-----	1
Flooded Hot Water Heater-----	1
Hot Ashes set Fire to Siding--	1
Insulation Burning-----	1
Investigated After Fire-----	1
Investigated for Smoke-----	3
Leaking Oil-----	1
Leaking Oil Tanks-----	1
Odor of Gas Investigated-----	1
Oil Leaking on Hot Motor-----	1
Overheated Boilers-----	2
Overheated Hot Water Heater---	2
Overheated Oil-----	1
Overheated Stove-----	1
Plugged Smokepipes-----	2
Prunes Burning-----	1
Requests for Investigations---	2
Short in Wiring-----	3
Smell of Smoke Investigated---	5
Smoke Stack Fell-----	1
Smoky Furnaces-----	8
Thimble Blown Out of Chimney--	1
Total-----	<u>54</u>

OUT OF CITY CALLS

Buildings Involved

Apartments-----	1
Cement Workshops-----	1
Dwellings-----	24
Dwelling, Garage, Chicken Coop-----	1
Filling Stations-----	2
Garages-----	3
Garage and Machine Shop---	1
Night Clubs-----	1
Sheds-----	2
Taverns-----	3
Trailers-----	1
Warehouses-----	1
Total-----	41

Causes of Fire

Car Exhaust Set Awnings Afire---	1
Defective Stovepipes-----	1
Fireplaces-----	1
Furnaces-----	4
Grease on Stoves-----	1
Heaters-----	2
Heating Plants-----	1
Hot Ashes-----	1
Light Bulb Broke; Ignited Oil---	1
Lightning-----	1
Motors-----	1
Oil Burners-----	1
Oil Stoves-----	2
Rekindling of Fire-----	1
Rubbish Burning-----	2
Shorts in Wiring-----	3
Smokepipes-----	1
Sparks from Chimney-----	5
Spontaneous Ignition-----	1
Undetermined-----	10
Total-----	41

Other than Buildings

Automobiles-----	1
Corn Shocks-----	1
Grass Fires-----	17
Haystacks Burning-----	1
Marsh Fires-----	1
Trailers-----	1
Total-----	22

Causes of Fire

Careless Hunters-----	1
Careless Smokers-----	1
Grass Fires-----	17
Overheated Oil Stoves-----	1
Shorts in Wiring-----	1
Undetermined-----	1
Total-----	22

OUT OF CITY CALLS (Cont.)

Construction of Buildings - Outside the City

Cement Block-----	1
Frame-----	36
Metal-Frame-----	1
Stone-----	1
Tile-----	1
Wood and Metal-----	1
Total-----	41

Alarms Not Involving Fire - 1944

Investigations-----	1
Misinformation-----	1
Specials-----	1
Total-----	3

Total Alarms Out of City----- 66

CONSTRUCTION OF BUILDINGS - 1944

Brick-----	97
Brick, Cement, Frame-----	1
Brick, Cement-----	1
Brick and Frame-----	5
Brick and Stone-----	6
Brick and Tile-----	1
Cement Block-----	5
Cement and Frame-----	1
Cement and Stucco-----	1
Frame-----	216
Frame and Brick-----	1
Frame and Metal-----	3
Frame and Stucco-----	5
Frame and Wood Shingle-----	2
Metal Covered-----	3
Steel-----	1
Stone-----	8
Stone and Frame-----	2
Stucco-----	6
Stucco Block-----	1
Tile-----	2
Wood, Cement Blocks-----	1
Wood and Metal-----	1
Total-----	<u>376</u>

HOW ALARMS WERE RECEIVED - 1944

Box-----	35
Personal-----	43
Telephone-----	669
Police Radio-----	43
Total-----	<u>790</u>

WHEN ALARMS WERE RECEIVED - 1944

A.M.-----	288
P.M.-----	502
Total-----	<u>790</u>

TOTAL NUMBER OF FIRE RUNS ACCORDING TO STATION - 1944

Station No. 1-----	217
Station No. 2-----	217
Station No. 3-----	317
Station No. 4-----	145
Station No. 5-----	170
Station No. 6-----	135
Station No. 7-----	81
Total-----	<u>1282</u>

SUMMARY OF ALARMS - 1944

Buildings Involved-----	370
Other than Buildings-----	211
Total Fires-----	581
Total Not Involving Fire	
Specials, Investigations,	
False Alarms-----	209
Total-----	790

FIRE INSPECTION AND PREVENTION

Year of 1944

	<u>In</u>	<u>Out</u>	<u>Total</u>
Total Regular Inspections-----	1544	1077	2621
Total Re-Inspections-----	55	21	76
Total Special Inspections-----	1577	115	1692
<u>Total 1944 Inspections-----</u>	<u>3176</u>	<u>1213</u>	<u>4389</u>

Defects

	<u>In</u>	<u>Out</u>	<u>Total</u>
Electrical-----	677	499	1176
Fire Doors-----	84	26	110
Fire Escapes and Stairways-----	158	48	206
Fire Extinguishers-----	356	254	610
Miscellaneous-----	592	344	936
Rubbish, Oily Rags, Etc.-----	492	288	780
Volatile Liquids-----	15	24	39
Total Defects-----	2374	1483	3857

Of the above defects, 444 were referred to the Electrical Inspector, 69 were referred to the Building Commissioner, and one was referred to the Smoke Inspector.

DRILL HOURS SPENT AT EACH STATION - 1944

Station No. 1-----	411.10
Station No. 2-----	494.30
Station No. 3-----	536.20
Station No. 4-----	532.27
Station No. 5-----	492.20
Station No. 6-----	531.45
Station No. 7-----	483.10
Total-----	3481.42

ELECTRICIANS WORKING HOURS - 1944

Fire Department-----	1217
Police Department-----	158
Traffic Department-----	1258
Total-----	2633

Sick and Injury Leaves

The total number of man hours lost due to illness and injury during the calendar year of 1944 was 5,128.

Firemen are on a two platoon basis, working either 182 or 183 - 24 hour days depending on whether they work the odd or even days of the months.

Specialized employes work an 8 hour day, except on Saturdays, Sundays and legal holidays as set up by the Police and Fire Commission.

All members of the department are subject to call in case of emergency.

FIRE STATIONS

Apparatus and Equipment
Distribution of Personnel

DEPRECIATION RECORD: APPARATUS

Station No.	Description	Make	Date Purchased	Original Cost	Life Years	% Depreciation	Amount of Dep.	Dep. Value 12-31-44	Date to Retire	Actual Years in Service
1	Sedan	Ford	4-1-41	\$ 829.00	5	20	\$ 621.75	\$ 207.25	4-1-46	3Y, 8M, 30D
1	Coupe	Reo	11-23-23	1,050.00	5	20	1,050.00	None	11-23-38	11Y, 1M, 8D
1	Panel Truck	Chev.	6-1-37	720.00	10	10	546.00	174.00	6-1-47	7Y, 6M, 30D
1	Pumper	Seagrave	12-26-29	13,500.00	20	5	10,134.38	3,365.62	12-26-49	15Y, 4D
1	Aerial	Mack	1-1-34	16,500.00	20	5	9,075.00	7,425.00	1-1-54	11Y
1	Chemical Hose, Foam	Kissel	1915	4,685.00	20	5	4,685.00	None	1935	30Y
1	Pumper	A.E.F.	1922	12,500.00	20	5	12,500.00	None	12-31-42	23Y
2	Pumper	Seagrave	1923	12,500.00	20	5	12,500.00	None	12-31-43	21Y
3	Pumper	Seagrave	8-3-25	12,500.00	20	5	12,041.38	458.62	8-3-45	19Y, 3M, 6D
3	Truck	Seagrave	11-20-24	9,500.00	20	5	9,500.00	None	11-20-44	20Y, 1M, 11D
4	Truck	Seagrave	11-25-29	9,000.00	20	5	6,768.75	2,231.25	12-25-49	15Y, 6D
4	Pumper	General	9-1-39	9,183.00	20	5	2,448.80	6,734.20	9-1-59	5Y, 3M
5	Pumper	Seagrave	2-2-34	6,200.00	20	5	3,383.30	2,816.70	2-2-54	10Y, 10M
6	Quad	Pirsch	6-24-41	12,065.00	20	5	2,123.10	9,941.90	6-24-61	3Y, 6M, 7D
7	Pumper	Seagrave	4-20-35	6,622.50	20	5	3,210.98	3,411.52	4-20-55	9Y, 8M, 13D
7	Truck	A.L.F.	1919	7,700.00	20	5	7,700.00	None	1939	26Y
TOTALS 16				\$135,054.50 ✓			\$98,288.44	\$36,766.06		

SUMMARY OF BUILDINGS AND SITES

STATION NO.	SITE	BUILDING	TOTAL
1	\$23,600.00	\$41,641.00	\$65,241.00
2	10,625.00	19,610.00	30,235.00
3	1,625.00	9,615.00	11,240.00
4	2,200.00	21,421.00	23,621.00
5	3,000.00	20,117.00	23,117.00
6	775.00	21,709.00	22,484.00
7	1,800.00	33,891.00	35,691.00
TOTALS	\$43,625.00	\$168,004.00	\$211,629.00

All the above totals are recorded as they appear in the
records at the Assessor's Office

FIRE STATION NO. 1

18 South Webster Street

Value of Site--\$23,600.00; Station--\$41,641.00
Total--\$65,241.00

APPARATUS

Seagrave Triple Combination Pumper has a capacity of 1000 gallons and is equipped with a 100 gallon booster tank. It carries 1200 feet of 2½" hose, 250 feet of 1½" hose and 250 feet of 1" booster hose. This piece of equipment has one 20 foot extension ladder and one 14 foot roof ladder; it also carries an Eveready dry chemical extinguisher (Du-Gas) along with other miscellaneous fire-fighting equipment.

Mack International Aerial carries 329 feet of ladders including the 85 foot aerial ladder. The aerial ladder is equipped with an invincible type deluge-ladder nozzle for which there is an assortment of tips ranging from one and three-eighths inches up to two inches; this nozzle is supplied by a three inch line. The apparatus also carries a Bresnan cellar pipe, two siamese couplings, male and female inlets, acetylene cutting torch with tips, a hose roller, a life bag, one self-contained oxygen mask, a battering ram, one all-service mask, foam powder, a 9½ foot life net, one 1250 watt generator, two 14" flood lights, one 12" spot light, ropes and other minor fire equipment, and one 15-pound carbon dioxide extinguisher.

The Chief's Car, a 1941 Ford Sedan, carries an inhalator, a first-aid kit, blankets, a burn kit and other accessories. It is used for official fire department business and fire calls by the Chief and his two Assistants. Car also carries a 1-quart carbon tetrachloride extinguisher.

The Chevrolet Electricians' truck is used by the Fire and Police Alarm Electricians; it carries tools and equipment for the maintenance of the alarm system and traffic lights.

American LaFrance Triple Combination Pumper was completely overhauled and put into reserve service on July 18, 1941. It has a 750 gallon capacity and a 100 gallon booster tank. This pumper is equipped with 900 feet of 3" hose, 200 feet of 1" booster hose and a 24 foot extension ladder.

Kissel Combination Chemical Hose & Foam Truck was converted into a reserve foam truck on November 3, 1941. It is equipped with a 40 gallon soda-acid chemical pressure tank, 250 feet of 1" chemical hose, 650 feet of 2½" hose, 14 fifty pound cans of foam powder, one foam generator, one 20-foot extension ladder, one 14-foot roof ladder and other minor fire fighting tools and equipment.

The Reo Coupe is used as a general utility car.

DISTRIBUTION OF PERSONNEL

"A" Shift

Engine-----1 Asst. Chief
 -----5 Privates
 Aerial Truck-----1 Lieutenant
 -----3 Privates
 Chief's Car-----1 Chief
 -----1 Private
 Dispatch Board-----1 Private
 Total-----13

"B" Shift

Engine-----1 Asst. Chief
 -----5 Privates
 Aerial Truck-----1 Lieutenant
 -----3 Privates
 Chief's Car-----1 Chief
 -----1 Private
 Dispatch Board-----1 Private
 Total-----13

8 Hour Day: 24 Hour Call

Drillmaster-----1
 Master Mechanic-----1
 Inspectors-----2
 Electricians-----2
 Secretary-----1
 DRILLMASTER-----7
 Total-----7

TOTAL PERSONNEL-----32

Alarms Answered-----217
 Working Time Spent Answering Alarms----122 Hr. 54 Min.
 2½" Hose Used-----14,550 Ft.
 1½" Hose Used-----550 Ft.
 1" Hose Used-----13,750 Ft.
 Water Pumped For Booster-----1,422 Gallons
 Ladders Raised-----1,592 Ft.
 Chemicals (small) Used-----4

FIRE STATION NO. 2

301 North Broom Street

Value of Site--\$10,625.00; Station--\$19,610.00
Total--\$30,235.00

APPARATUS

Seagrave Triple Combination Pumper has a capacity of 750 gallons and is equipped with a 100 gallon booster tank; it carries 1200 feet of 2½" hose, 150 feet of 1½" hose, 200 feet of 1" booster hose, one 20 foot extension ladder and one 12 foot roof ladder.

DISTRIBUTION OF PERSONNEL

"A" Shift

Engine-----4 Privates
-----1 Officer

"B" Shift

Engine-----4 Privates
-----1 Officer

TOTAL PERSONNEL-----10

Alarms Answered-----217

Working Time Spent Answering Alarms-----117 Hrs. 45 Min.

2½" Hose Used-----16,650 Ft.

1½" Hose Used-----850 Ft.

1" Hose Used-----12,650 Ft.

Water Pumped for Booster-----2,047 Gallons

Ladders Raised-----64 Ft.

Chemicals (small) Used-----3

FIRE STATION NO. 3

1217 Williamson Street

Value of Site--\$1,625.00; Station--\$9,615.00
Total--\$11,240.00

APPARATUS

Seagrave Triple Combination Pumper has a 750 gallon capacity and is equipped with a 100 gallon booster tank; it carries 1200 feet of 2½" hose, 100 feet of 1½" hose, 200 feet of 1" booster hose, one 20 foot extension ladder and one 12 foot roof ladder.

Seagrave Service Truck carries 260 feet of ladders and is equipped with one Universal Turret Gun, nozzle tips ranging from 1½" to 2", one 15-pound carbon dioxide extinguisher; it has one eight foot life net and other miscellaneous fire-fighting equipment including 250 feet of chemical hose and six fifty pound cans of foam powder.

DISTRIBUTION OF PERSONNEL

"A" Shift

Engine-----1 Officer
-----4 Privates
Truck-----2 Privates

"B" Shift

Engine-----1 Officer
-----4 Privates
Truck-----2 Privates

TOTAL PERSONNEL-----14

Alarms Answered-----317

Working Time Spent Answering Alarms-----166 Hrs. 10 Min.

2½" Hose Used-----11,850 Ft.

1½" Hose Used-----860 Ft.

1" Hose Used-----11,350 Ft.

Water Pumped for Booster-----2 143 Gallons

Ladders Raised-----998 Ft.

Chemicals (small) Used-----4

FIRE STATION NO. 4

1329 West Dayton Street

Value of Site--\$2,200.00; Station--\$21,421.00;
Total--\$23,621.00

APPARATUS

Seagrave Service Truck carries 265 feet of ladders and is equipped with a 40 gallon chemical soda-acid pressure tank with 200 feet of 1" chemical hose. It carries a deluge set with a tripod, one 9 $\frac{1}{2}$ foot life net, six fifty pound cans of foam powder, one 15-pound carbon dioxide extinguisher, and one foam generator.

General Fire Truck Triple Combination Pumper has a capacity of 750 gallons and is equipped with a 100 gallon booster tank. It carries 1200 feet of 2 $\frac{1}{2}$ " hose, 100 feet of 1 $\frac{1}{2}$ " hose, 250 feet of 1" booster hose, one 20 foot extension ladder and one 12 foot roof ladder along with other miscellaneous fire-fighting equipment.

DISTRIBUTION OF PERSONNEL

"A" Shift

Engine-----1 Officer
-----3 Privates
Truck-----2 Privates

"B" Shift

Engine-----1 Officer
-----3 Privates
Truck-----2 Privates

TOTAL PERSONNEL-----12

Alarms Answered-----145

Working Time Spent Answering Alarms-----111 Hrs. 12 Min.

2 $\frac{1}{2}$ " Hose Used-----18,100 Ft.

1 $\frac{1}{2}$ " Hose Used-----1,500 Ft.

1" Hose Used-----8,400 Ft.

Water Pumped for Booster-----1,784 Gallons

Ladders Raised-----648 Ft.

Chemicals (Small) Used-----3

One 40-Gallon Chemical Tank Used

FIRE STATION NO. 5

2137 Atwood Avenue

Value of Site--\$3,000.00; Station--\$20,117.00
Total--\$23,117.00

APPARATUS

Seagrave Triple Combination Pumper has a 600 gallon capacity with a 100 gallon booster tank. It carries 1200 feet of $2\frac{1}{2}$ " hose, 100 feet of $1\frac{1}{2}$ " hose, 250 feet of 1" booster hose, one 24 foot extension ladder and one 12 foot roof ladder. It also carries various other miscellaneous fire-fighting equipment.

DISTRIBUTION OF PERSONNEL

"A" Shift

Engine-----1 Officer
-----4 Privates

"B" Shift

Engine-----1 Officer
-----4 Privates

TOTAL PERSONNEL-----10

Alarms Answered-----170

Working Time Spent Answering Alarms-----126 Hrs. 40 Min.

$2\frac{1}{2}$ " Hose Used-----18,200 Ft.

$1\frac{1}{2}$ " Hose Used-----500 Ft.

1" Hose Used-----13,450 Ft.

Water Pumped for Booster-----4,460 Gal.

Ladders Raised-----86 Ft.

Chemicals (small) Used-----4

FIRE STATION NO. 6

957 South Park Street

Value of Site--\$775.00: Station--\$21,709.00

Total--\$22,484.00

APPARATUS

Pirsch Quad is equipped with a 750 gallon centrifugal pump and 240 feet of ladders. It also carries 250 feet of 1" booster hose, 200 feet of 1½" hose, 1200 feet of 2½" hose, two all-service gas masks, one self-contained oxygen breathing apparatus, one 15 pound carbon dioxide extinguisher, and various other miscellaneous fire-fighting tools and equipment.

DISTRIBUTION OF PERSONNEL

"A" Shift

Quad-----1 Officer
-----5 Pri vates

"B" Shift

Quad-----1 Officer
-----5 Privates

TOTAL PERSONNEL-----12

Alarms Answered-----135

Working Time Spent Answering Alarms-----106 Hrs. 40 Min.

2½" Hose Used-----8,550 Ft.

1½" Hose Used-----850 Ft.

1" Hose Used-----3,500 Ft.

Water Pumped for Booster-----1,261 Gallons

Ladders Raised-----545 Ft.

Chemicals (small) Used-----3

FIRE STATION NO. 7

2410 Monroe Street

Value of Site--\$1,800.00; Station--\$33,891.00

Total--\$35,691.00

APPARATUS

Seagrave Triple Combination Pumper has a 600 gallon capacity with a 100 gallon booster tank. It carries 1200 feet of 2½" hose, 100 feet of 1½" hose, 200 feet of 1" booster hose, one 24 feet extension ladder, one 12 foot roof ladder and various other miscellaneous accessories.

American LaFrance Service Truck was placed in reserve service on July 18, 1941. It carries 272 feet of ladders and other minor fire-fighting equipment.

DISTRIBUTION OF PERSONNEL

"A" Shift

Engine-----1 Officer
-----4 Privates

"B" Shift

Engine-----1 Officer
-----4 Privates

TOTAL PERSONNEL-----10

Alarms Answered-----81

Working Time Spent Answering Alarms-----44 Hours 22 Min.

2½" Hose Used-----2,750 Ft.

1½" Hose Used-----350 Ft.

1" Hose Used-----2,400 Ft.

Water Pumped for Booster-----460 Gallons

Ladders Raised-----85 Ft.

Chemicals (small) Used-----3

SUMMARY

Total 2 $\frac{1}{2}$ " Hose Used-----90,650 Ft.
Total 1 $\frac{1}{2}$ " Hose Used-----5,960 Ft.
Total Booster Hose Used-----65,500 Ft.
Total Booster Gallons Used-----13,577 Gal.
Total Ladders Used-----4,018 Ft.
Total Small Chemicals Used-----24
40-Gallon Chemical Tanks Used-----1
Total Working Time All Fires-----800 Hrs. 38 Min.