

NINETY-EIGHTH ANNUAL REPORT



DIVISION OF FIRE

DEPARTMENT OF PUBLIC SAFETY

**CITY OF
MADISON, WISCONSIN**

CHIEF EDWARD JOSEPH PAGE

1954

ANNUAL REPORT *DIVISION of FIRE*

DEPARTMENT of PUBLIC SAFETY
CITY of MADISON, WISCONSIN

ENDING DECEMBER 31, 1954

Mayor George Forster,
Members of the Common Council,
Honorable Board of Police and Fire Commissioners

Madam and Gentlemen:

The Ninety-Eighth Annual Report of the Division of Fire is presented for the year ending December 31, 1954.

In submitting this report I want to express my appreciation to Mayor Forster, members of the Common Council and the Board of Police and Fire Commissioners for their cooperation and understanding of our many problems. It is through this kind of cooperation that we have been able to achieve better working conditions for all members as well as a reputation of being one of the most progressive departments in the country.

During the year of 1954 the old No. 3 Station which had been erected during the early 1900's was razed and final architectural plans for the new station were approved by the Council. Construction of this new building is now underway and should be completed during the summer of 1955.

The next major building project that must be considered is the construction of Station No. 9. It is anticipated that this station will be located on the far west side of the city and when completed will alleviate to some extent our fire alarm response problems in that area. The approved budget for 1955 provides architectural fees for the designing of this new station.

You will note from the following pages of statistical information that our alarm frequency has decreased some 60 alarms as compared to 1953 even though our city has continued to increase in size and population. This decrease is in direct contrast to national trends and I am firmly convinced that it must be attributed to the outstanding work done by our Fire Prevention Bureau.

I want to publicly express my gratitude to all officers and members of this Department for their cooperation, efficiency and untiring efforts in performing their duties with dispatch, loyalty and devotion during the past year.

Our fire statistics and the activities of our various Bureaus are given on the following pages.

Respectfully submitted,

Chief Edward Joseph Page,
Division of Fire

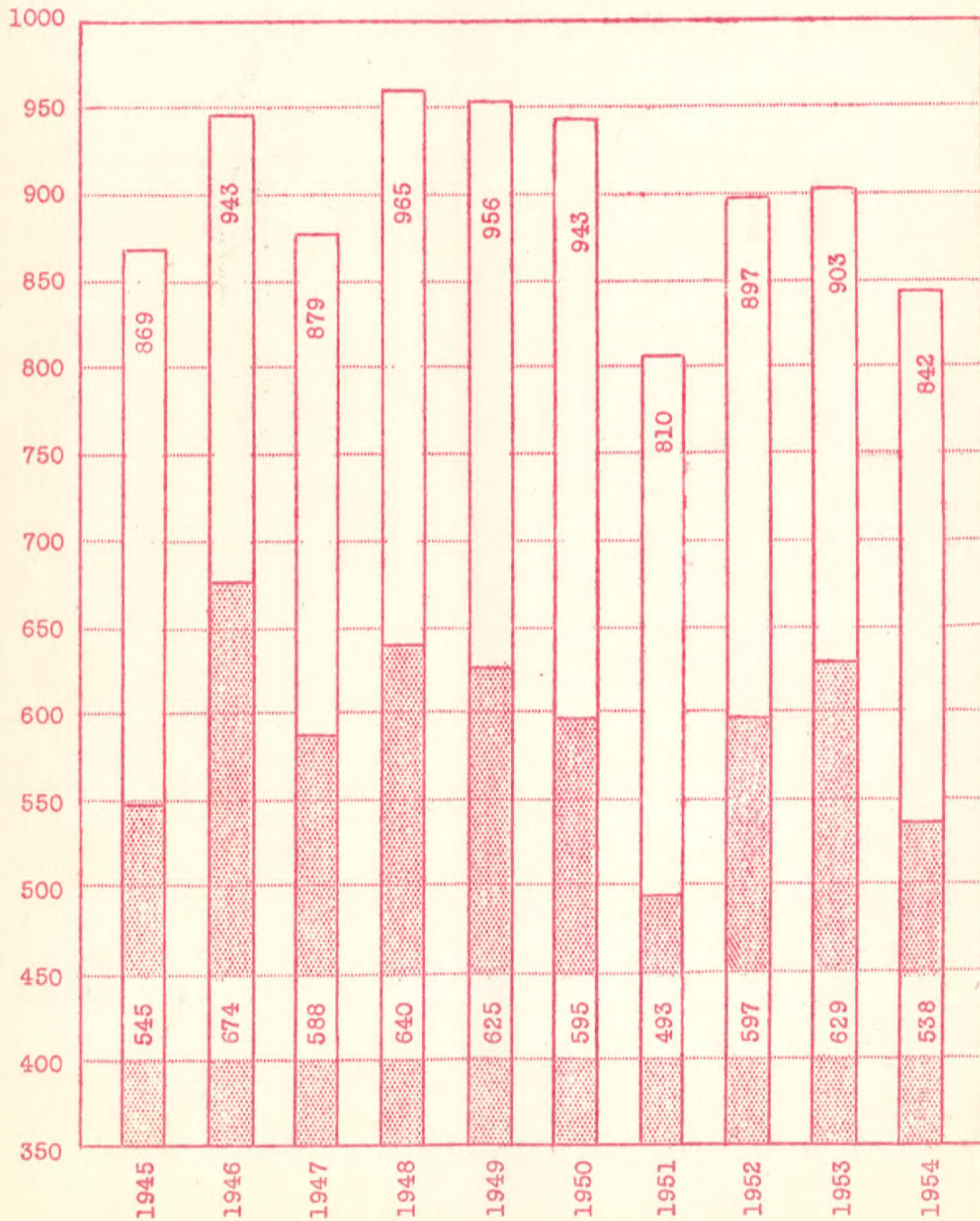
ALARM & FIRE FREQUENCY

FIRE and ALARM FREQUENCY

10-year experience

Number of Alarms

Number of Fires



ALARM CLASSIFICATION

MONTHS	ALARMS INVOLVING FIRE							ALARMS NOT INVOLVING FIRE			Total Number Alarms
	In Buildings					Grass Brush Dumps	All Other Fires	False Alarms	Mistaken Alarms	Specials and Inves.	
	Dwelling Occup.	Public Bldgs.	Mercan- tile	Mfg.	Misc.						
January	35	0	3	1	4	11	11	2	4	22	93
February	19	1	1	0	1	10	12	1	3	16	64
March	17	0	4	2	2	63	5	1	2	20	116
April	18	0	3	0	5	25	4	2	2	15	74
May	15	0	1	4	2	4	12	2	2	18	60
June	11	1	0	0	2	1	9	6	3	35	68
July	12	0	4	0	4	1	4	3	1	27	56
August	4	0	2	0	2	4	6	7	2	11	38
September	13	1	4	1	1	4	6	5	2	22	59
October	10	1	1	0	1	3	13	3	1	19	52
November	16	1	2	0	3	23	16	3	0	17	96
December	26	1	2	0	3	0	9	2	2	21	66
TOTAL	211	6	27	8	30	149	107	37	24	243	842

BUILDING FIRES - AND CAUSE

CAUSES

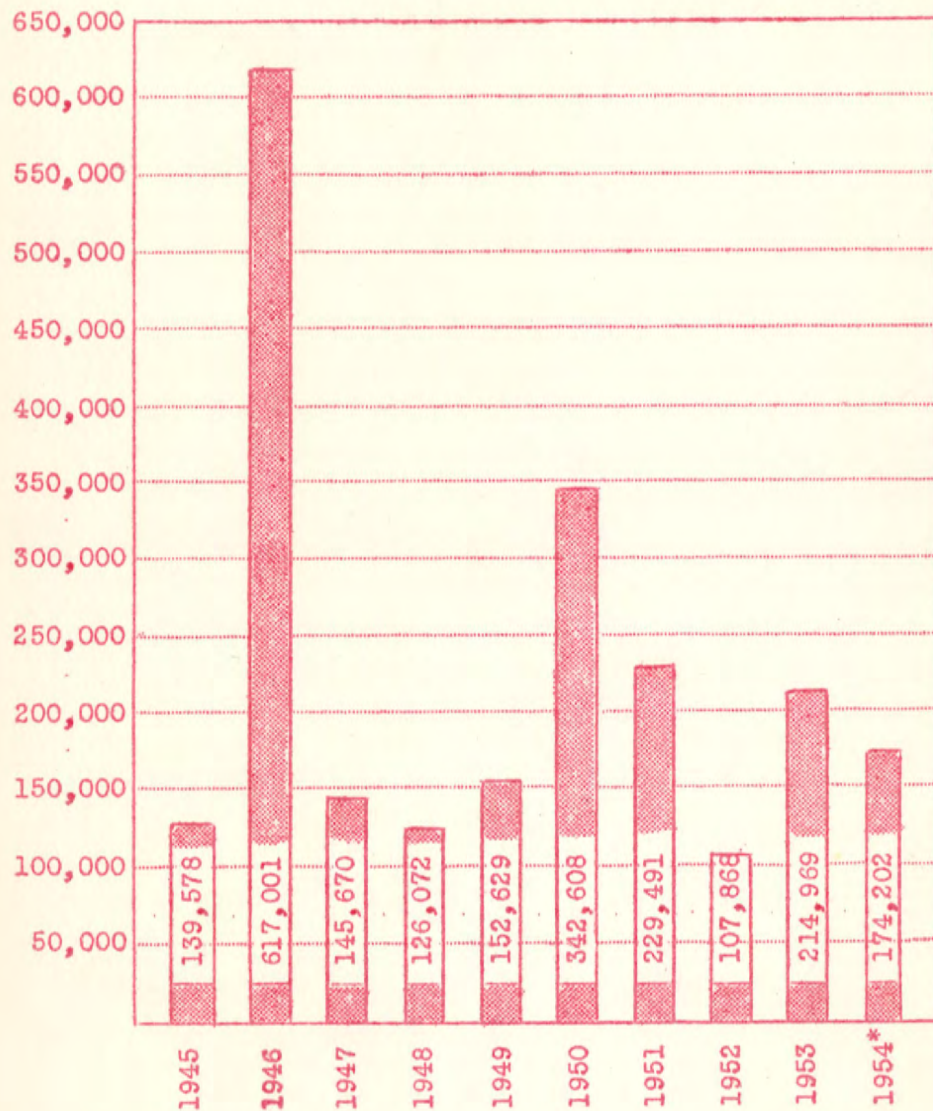
Fires Due to Each Cause)

OCCUPANCIES OF BUILDINGS

OCCUPANCIES OF BUILDINGS	CAUSES													Fires Due to Each Cause)																
	1. Chimney, Soot Burning	2. Defective or Overheated Chimney	3. Sparks on Wooden Shingle Roofs	4. Sparks on Other Roofing	5. Defective Heaters	6. Rubbish Near Heaters	7. Combustibles Near Heaters	8. Open Lights, Flames	9. Hot Ashes	10. Oil Burners	11. Starting Fires, Volatile Liquids	12. Careless Smoking	13. Children with Matches	16. Electric Appliances and Motors	17. Home Dry Cleaning	18. Other Use of Flammable Liquids	19. Lamps and Stoves	20. Gas and Appliances	21. Grease on Stoves	22. Spontaneous Ignition	23. Fireworks	24. Lightning	25. Thawing Pipes	26. Sparks from Machinery	27. Incendiary	28. Misc. Known Causes	29. Suspicious	30. Undetermined	TOTAL BUILDING FIRES	
I. PUBLIC BUILDINGS																														
A. Government Buildings																														
B. Hospitals and Institutions																														
C. Schools									1			1															1		1	4
D. Churches																														
E. Amusement Buildings																			1										1	5
II DWELLING OCCUPANCIES																														
A. Hotels									1			2		1																4
B. Lodging Houses	2	1			1	2			1			2					1		2										1	13
C. Apartments	8	4	1		8	1				2		4	2	7	1			8	7	1							8	3	67	
D. Dwellings	21	5			17		2		4	4		7	6	8	1			2	10			1				20		6	118	
E. Stores and Dwellings												1				1													4	
F. Flats	1				2		1		1			1																	6	
G. Trailers																														212
III MERCANTILES												1															1		2	
A. Office Buildings												5		2													1		1	15
B. Small Retail Stores		1			1			1																			1			7
C. Restaurants																			5								1			2
D. Large Single Occup.		1																									1			
E. Multiple Occup. Mercantile																														
F. Wholesale Houses																														
G. Storage Warehouse																										1			1	27
IV MANUFACTURING																														
A. Textile, Fabric Workers																														
B. Metal Workers																														
C. Wood Workers																														
D. Food Products												1															1			2
E. Chemical Works																														
F. Flammable Liquid & Gases																														
G. Multiple Occup. Mfg.																														
H. Misc. Manufacturing		1										1									2						2		6	8
V MISC. BUILDINGS																														
A. Lumber Yards																														
B. Railroad Property																														
C. Bulk Oil Storage																														
D. Public Garages & Stations												1		1							2						2		4	4
E. Private Garages					1					1			3																	14
F. Misc. Structures					2							1	4														1	3	12	30
TOTAL BUILDING FIRES	32	13	1	3	29	3	3	1	9	6		28	15	22	1	1	1	10	25	5		1				40		19		282

LOSS OF LIFE & PROPERTY

FIRE LOSS



* Total insured loss for year 1954 is incomplete.

AVERAGE FIRE LOSS, Insured: 10 year experience...\$225,008

MONTHLY FIRE LOSS RECAPITULATION

Alarms Attended - 1954

January	\$61,221.76
February	26,163.35
March	5,360.91
April	4,284.80
May	13,142.77
June	3,440.50
July	4,230.08
August	1,326.96
September	4,557.53
October	10,716.66
November	2,143.25
December	<u>2,137.79</u>

Total For Alarms
Attended

\$138,726.56

Alarms Not Attended - 1954

January	3,389.45
February	2,251.60
March	4,641.04
April	5,652.11
May	4,922.94
June	3,597.56
July	3,199.16
August	1,232.52
September	1,315.54
October	1,633.52
November	2,812.08
December	<u>828.37</u>

Total For Alarms
Not Attended

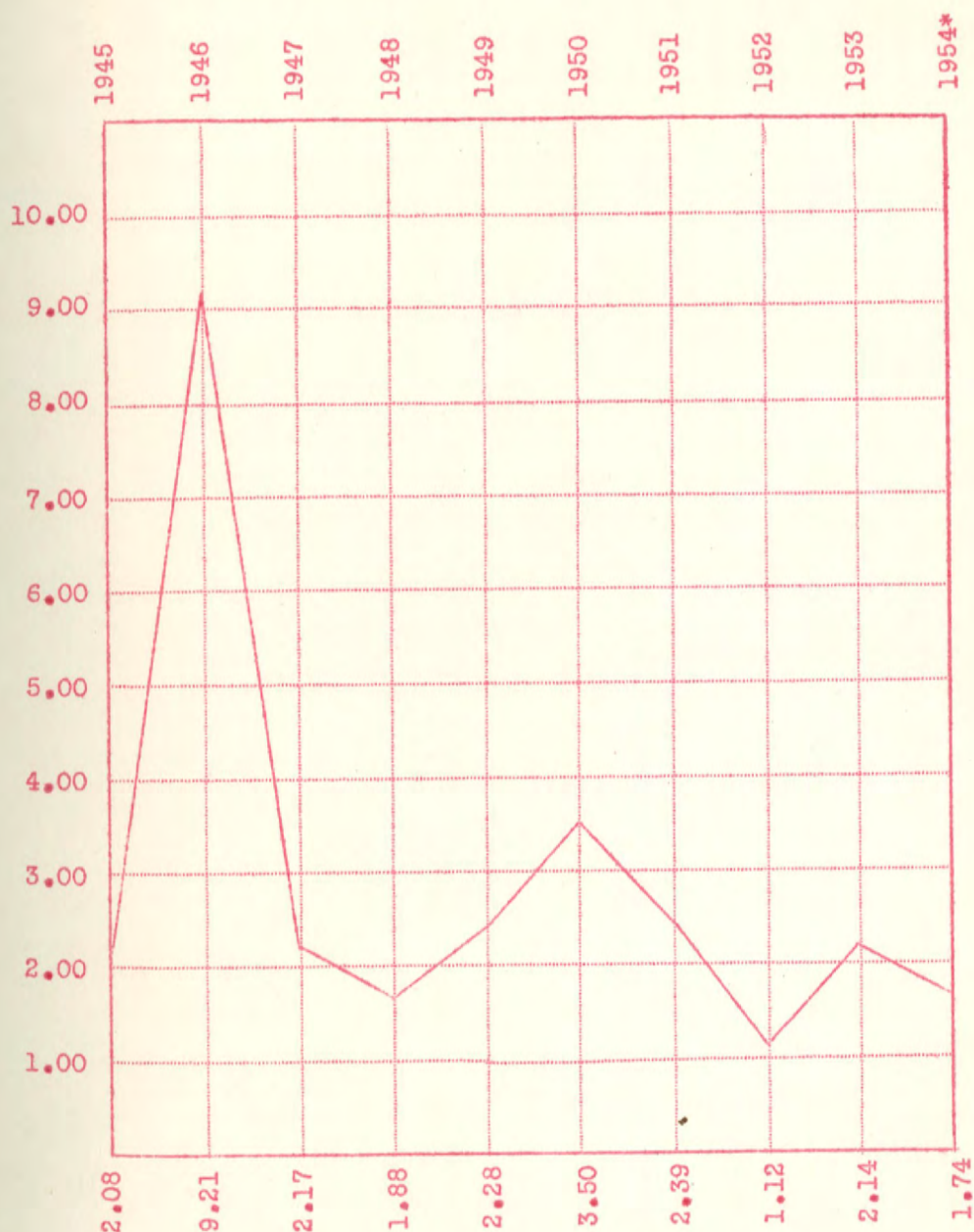
35,475.89

TOTAL FIRE LOSS - 1954

\$174,202.45 *

* This figure is subject to change as additional losses for 1954 are reported.

PER CAPITA FIRE LOSS: 10 year experience



*Total insured loss for year 1954 is incomplete.

AVERAGE PER CAPITA FIRE LOSS.....\$2.85

APPARATUS & EQUIPMENT

APPARATUS AND EQUIPMENT USED — 5 Year Experience

Apparatus & Equipment	1950	1951	1952	1953	1954
2½" Hose Laid	98,100	101,200	96,866	85,461	91,000
1½" Hose Laid	7,650	6,350	11,250	15,450	9,550
Booster Hose - Feet	91,450	79,600	100,780	87,700	88,300
Booster Gallons	18,778	13,100	20,694	19,848	16,598
Ladders Raised - Feet	4,686	3,633	2,910	3,009	3,085
Total Company Runs	1,443	1,249	1,286	1,349	1,215

DEPRECIATION RECORD

A six per cent depreciation write-off with a remaining value of ten per cent has been established as a fair method of arriving at a true financial value of our heavy duty fire apparatus. This establishes a life expectancy of fifteen years for this apparatus. This method also provides an estimate of fire service value for apparatus retained in fire service beyond its life expectancy.

Upon the expiration of maximum life years, the ten per cent remaining value is carried for salvage recovery, plus the value of its protective services which cannot be ignored. The apparatus retained between 15 and 25 years is further depreciated 50 per cent of this remaining value or ½% of the original cost each year. At the end of 25 years, five per cent of the original cost remains on our depreciation record. This remaining value is charged off at the rate of one per cent per year for the next five years, so that at the end of 30 years the apparatus has been fully depreciated.

A life expectancy of five years has been established for our officer cars which are required to perform at peak efficiency under the most strenuous use. Constant and demanding use of our Master Mechanic's panel truck has established that a life expectancy of eight years is lenient and within safety limits.

Our apparatus depreciation schedule is charted on the following page. This shows the date of purchase, the original cost price and the date this apparatus should be retired.

APPARATUS DEPRECIATION

Sta. No	Description	Make	Date Purch.	Orig Cost	Life Yrs.	Perc. Depr.	Amt Depr	Value 12/31/54	Date to Retire	Yrs of Serv.
1	Sedan	Buick	2/1/51	2,000	5	20	1,600	400	1956	4
1	Sedan	Nash	10/29/47	1,645	5	20	1,645	-	1952	7
1	Panel Truck-Maint.	Chevrolet	6/24/48	1,402	8	12 $\frac{1}{2}$	1,051	351	1956	6
1	1250-Gal. Pumper	Am LaFrance	9/15/48	19,756	15	6	7,112	12,644	1963	6
1	100 Ft. Aerial	Pirsch	11/12/49	35,862	15	6	10,759	25,103	1964	5
1	Rescue Squad	Chevrolet	11/11/49	3,500	8	12 $\frac{1}{2}$	2,187	1,313	1957	5
1	750-Gal Pumper-Vol. Liq.	Seagrave	8/3/25	12,500	15	6	12,375	125	1940	29
2	1000-Gal Pumper	Seagrave	12/26/29	15,500	15	6	14,925	775	1944	25
2	High Pressure-3" Lines	Ford	9/15/48	2,500	8	12 $\frac{1}{2}$	1,875	625	1956	6
3	1250-Gal Pumper	Am LaFrance	9/15/48	19,756	15	6	7,112	12,644	1963	6
3	85-Ft. Aerial	Pirsch	2/20/50	30,862	15	6	9,258	21,604	1965	5
4	1250-Gal Pumper	Am LaFrance	9/15/48	19,756	15	6	7,112	12,644	1963	6
4	85 Ft. Aerial	Pirsch	2/9/50	30,862	15	6	9,258	21,604	1965	5
5	600-Gal Pumper	Seagrave	2/2/34	6,200	15	6	5,766	434	1949	21
6	750-Gal Pumper	General	9/1/39	9,183	15	6	8,265	918	1954	15
6	Ladder Service Truck	Seagrave	11/25/29	9,000	15	6	8,550	450	1944	25
7	600-Gal Pumper	Seagrave	4/20/35	6,623	15	6	6,126	497	1950	20
7	Ladder Service Truck	Seagrave	11/20/24	9,500	15	6	9,500	-	1939	30
8	750-Gal Quad	Pirsch	6/24/41	12,065	15	6	10,135	1,930	1956	14
8	750-Gal Pumper-Aux	Seagrave	1923	12,500	15	6	12,500	-	1938	31
FPB	Sedan *	Plymouth		675			675	-		
FPB	Sedan *	Plymouth		675			675	-		
T&I	Sedan *	Plymouth		550			550	-		
T o t a l s				262,872			148,811	114,061		

* Transfers from Police Division approximately every two years - budget appropriation.

PERSONNEL

PERSONNEL DISTRIBUTION

Authorized Personnel for Year 1954

Chief.....			1
Assistant Chiefs.....			2
Captains:			
Line Officers:			
Station.....	9		
Relief.....	<u>3</u>	12	
Fire Prevention Bureau.....	1		
Training & Instruction.....	1		
Maintenance.....	<u>1</u>	<u>3</u>	15
Lieutenants:			
Line Officers:			
Station.....	9		
Relief.....	<u>3</u>	12	
Fire Prevention Inspectors.....			7
Assistant Mechanic.....			1
Privates:			
Drivers.....		24	
Privates.....		<u>110</u>	<u>134</u>
TOTAL PERSONNEL - Fire Division.....			172
Office Employees.....			<u>3</u>
TOTAL PERSONNEL: Authorized Strength.....			175

PERSONNEL -- 5 Year Experience

AUTHORIZED MEMBERSHIP OF DEPARTMENT	1950	1951	1952	1953	1954
Police and Fire Commission	App. 159 Adj. 158	170	170	170	172
Board of Personnel	4 5	5	5	6	3
TOTAL	163 163	175	175	176	175
New Members Appointed	10	25	2	0	3
Reappointments: Temp. Elig. List	0	0	3	3	0
Military	<u>0</u>	<u>0</u>	<u>4</u>	<u>3</u>	<u>0</u>
TOTAL APPOINTMENTS	10	25	9	6	3
Retirements	5	0	2	1	0
Resignations	0	2	3	0	0
Leave of Absence	0	0	0	1	0
Dismissals	1	0	0	0	0
Disability Retirement	0	0	0	1	0
Deaths	0	0	0	1	2
Military Leave	1	8	1	0	0
Temp. Elig. List	0	2	3	2	1
Complement Beginning of Year	159	175	175	176	175
Complement End of Year	162	175	175	176	175

PERSONNEL ROSTER

December 31, 1954

Station No. 1

<u>Name</u>	<u>Appointment Date</u>
Chief Edward Joseph Page	February 16, 1930
Asst Chief Edward P. Durkin	February 1, 1923
Asst Chief William F. Lynaugh	February 16, 1930
Captain Erwin G. Beale	October 1, 1936
Captain Ralph A. McGraw	January 15, 1940
Captain Arne W. Lerwick	July 1, 1924
Lieutenant Henry W. Anderson	May 29, 1941
Lieutenant Maurice T. Nason	November 9, 1940
Asst Mechanic James C. Olson	February 1, 1947
Private Christian P. Andersen	June 16, 1944
Private LeRoy V. Anderson	January 15, 1949
Private Phillip J. Behrend	January 15, 1940
Private Donald C. Berray	January 1, 1951
Private Rexford W. Colvin	December 5, 1946
Private Harold N. Hansen	February 1, 1947
Private Michael M. Hauser	August 1, 1947
Private Richard C. Healy	April 16, 1949
Private Louis F. Hoffman	February 1, 1947
Private Arthur Kaltenberg	January 1, 1951
Private Edsel F. Kingsley	January 16, 1946
Private Edwin L. Kjin	February 1, 1950
Private Harold P. Klein	February 1, 1947
Private Eugene G. Knudtson	February 1, 1950
Private Joseph F. Lawrence	June 1, 1954
Private Frank R. Leverentz	March 1, 1947
Private Ervin M. Lichte	January 1, 1944
Private Eldon E. Maginnis	February 1, 1947
Private Russell A. Mani	October 1, 1943
Private Fred W. Manthe	January 16, 1941
Private Raymond A. Martinson	February 1, 1947
Private Paul G. McCallum	December 1, 1947
Private Frank N. McMahon	March 27, 1941
Private Lyle D. Mephram	October 16, 1947
Private Charles R. Merkle	February 1, 1950
Private Arnold C. Moen	April 1, 1946
Private Percy G. Moen	January 1, 1951
Private Kendall E. Niebuhr	February 1, 1947
Private Francis P. Roberts	January 1, 1951
Private Donald A. Simon	February 16, 1949
Private Philip J. Statz	February 1, 1947
Private Gilman S. Stone	June 5, 1944
Private Michel P. Sullivan	February 16, 1949
Private Orville E. Vallem	July 16, 1943
Private James L. White, Jr.	May 1, 1952
Private Donald R. Wilcox	April 16, 1950
Private Edward B. Willauer	May 1, 1951
Private Wilbur C. Wright	January 1, 1951

Station No. 2

Captain Harold L. Starkweather	February 16, 1930
Lieutenant Fred A. Rice	January 15, 1940
Private Walter G. Ayers	January 15, 1940
Private Edward D. Durkin	January 1, 1951
Private William T. Fenger	January 15, 1949
Private Clair R. Flint	March 17, 1945
Private Donald A. Huggins	February 1, 1951
Private Walter J. Kwiecinski	June 1, 1948
Private Joseph E. Martinelli	April 17, 1943
Private James V. McAusland	June 1, 1948
Private W. Carson Mettel	January 1, 1951
Private James F. Shipley	June 5, 1944
Private James E. Spangler	January 16, 1946
Private William J. Sullivan	May 1, 1939

Station No. 3

Captain Harold O. Muenkel	June 16, 1940
Lieutenant Martin L. Gersbach	November 1, 1936
Private Carl E. Austin	July 23, 1945
Private Lloyd W. Briggs	September 1, 1945
Private Donald L. Chase	April 1, 1942
Private Berton H. Gessler	September 16, 1945
Private Kenneth R. Gibbs	June 5, 1944
Private Arthur J. Halverson	January 7, 1946
Private Stanley V. Hermanson	February 1, 1951
Private Marvin J. Kammer	April 16, 1940
Private Jack C. King	March 5, 1946
Private Keith F. Lawler	December 16, 1947
Private William J. LeRoy	January 1, 1951
Private Marvin D. Matranga	February 16, 1949
Private George W. Piernot	January 15, 1949
Private G. Niel Rossmassler	January 1, 1951
Private Earl R. Tiedt	March 16, 1949
Private Paul S. Tofte	April 1, 1942
Private Arthur D. Wicks	January 1, 1950
Private Glenn A. Wilcox	May 16, 1949

Station No. 4

Captain Arthur Wilcox	February 16, 1930
Lieutenant Oscar Pankow	March 4, 1942
Private David J. Anderson	June 16, 1949
Private Douglas K. Bailey	January 1, 1954
Private James E. Bitney	February 16, 1949
Private Peter F. Breitenbach	February 1, 1947
Private Robert B. Burns	April 16, 1949
Private Robert P. Couture	March 16, 1947
Private John W. DeBeck	January 31, 1940
Private Harold R. Dennis	November 5, 1942
Private John H. Fiscus	November 22, 1951

Station No. 4 (cont'd)

Private James E. Fraser	April 23, 1942
Private Robert H. Gessler	January 1, 1954
Private Merwyn W. Gorsuch	March 1, 1949
Private Daryl J. Griffin	February 1, 1947
Private Harland A. Lippolt	January 7, 1946
Private Theodore J. Maglio	February 1, 1951
Private Harold T. Paltz	February 1, 1947
Private Bernard J. Reilly	September 1, 1952
Private Theodore L. Tauchen	February 1, 1951

Station No. 5

Captain Philip A. Narf	January 16, 1939
Lieutenant James M. Engelberger	January 15, 1940
Private Wayne B. Austin	June 1, 1932
Private George S. Durbin	October 1, 1950
Private Emil Goikovich	January 16, 1941
Private Arthur L. Hanson	February 1, 1947
Private Kermit E. Hermanson	May 3, 1943
Private Arnold H. Horstmeyer	December 5, 1944
Private Donald R. Lumsden	February 1, 1947
Private Robert G. Scheer	July 23, 1945
Private Kenneth A. Schumacher	January 15, 1949
Private Cyril F. Tiedt	October 1, 1947

Station No. 6

Captain Arthur T. Emerson	February 16, 1930
Lieutenant Charles E. Hessling	January 16, 1941
Private Richard G. Bavery	February 16, 1949
Private Donald E. Black	February 16, 1949
Private William A. Carow	December 1, 1947
Private Mathew M. Coronna	January 7, 1946
Private Leon G. Holl	March 16, 1944
Private Alvin T. Johnson	December 5, 1946
Private Harry G. Klinger	September 1, 1949
Private Donald M. Olson	January 1, 1951
Private Eugene A. Peterson	January 1, 1951
Private Oscar A. Petry	January 1, 1951
Private John G. Randall	January 6, 1944
Private Paul G. Reublin	January 11, 1945
Private Joseph D. Roberts	April 1, 1942
Private John R. Tappen	February 1, 1947
Private Ralph E. Triggs	January 2, 1943
Private Paul E. Welsch	January 15, 1940

Station No. 7

Captain Derrel E. Lawrie	February 1, 1929
Lieutenant Wilson H. Donkle	June 15, 1939

Station No. 7 (cont'd)

Private Thomas J. Barry	January 13, 1943
Private Dean R. Beyler	March 1, 1951
Private Lester E. Blackmer	February 1, 1947
Private Leslie Blizzard	January 16, 1936
Private Joseph F. Buechner	February 19, 1943
Private William L. Clapp	April 1, 1947
Private Walter B. Gavin	July 1, 1943
Private Ellington H. Lansdowne	February 1, 1947
Private Albert S. Phelps	February 1, 1947
Private Victor A. J. Stormer	September 16, 1945

Station No. 8

Captain Richard Adank	August 9, 1928
Lieutenant Joseph J. Kerwin	July 16, 1938
Private Robert L. Albright	February 1, 1947
Private Joseph H. Bauer	April 16, 1949
Private Vernon C. Dahnert	January 2, 1943
Private Chester L. Dolva	February 1, 1925
Private Charles W. Kalar	January 16, 1950
Private Jerome J. Lukas	October 1, 1944
Private James D. Schumacher	February 1, 1951
Private Alfred M. Sime	August 16, 1944
Private Leo F. Tiedt	February 1, 1950
Private Paul R. Toltzien	November 23, 1953
Private Harvey L. Turk	February 1, 1947
Private Charles R. White	June 16, 1944

Furlough Officers

Captain John E. Huston	June 15, 1939
Captain Edward E. Knope	November 1, 1937
Captain Charles F. Tomcany	June 1, 1932
Lieutenant Edward J. Bokina	September 16, 1941
Lieutenant Vincent J. Geier	February 19, 1943
Lieutenant Arthur E. Spring	January 15, 1940

Fire Prevention Bureau

Captain George L. Stanek	June 27, 1939
Inspector Charles H. Gilbert	March 6, 1945
Inspector Harrison R. Langley	June 27, 1939
Inspector Harry A. Page	January 22, 1928
Inspector Carroll J. Paltz	April 16, 1940
Inspector Joseph L. Tisserand	July 7, 1943
Inspector Kenneth O. Vodak	June 16, 1945
Inspector Vincent W. Wonn	April 1, 1942

Bureau of Training and Instruction

Captain Jack A. Boyle	July 1, 1930
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Board of Personnel Employees

John N. L. Hereid	August 19, 1946
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BUREAU OF FIRE PREVENTION

CAPTAIN GEORGE L. STANEK

Chief Edward Joseph Page,
Division of Fire,
Madison, Wisconsin

Dear Sir:

I am taking this opportunity to submit to you a brief report of the activities of the Fire Prevention Bureau during the past year. As in all other reports, a detailed breakdown of monthly inspections and defects discovered in the course of the inspections is included on the following pages.

Although fire loss records alone are a poor standard by which to measure the efficiency or deficiency of any Fire Department or its allied bureaus, it is always heartening to all members of the department when a low loss year is encountered; and although our fire loss records for the past year are still incomplete due to the unavoidable time lag between the fire and the subsequent monetary adjustment, preliminary reports indicate that Madison again enjoyed a low loss year. Totals thus far obtained show that local fire victims collected approximately \$175,000 for 282 building fires. These figures include losses paid for both building and contents involved by fire and also losses paid for those fires which the department did not attend. Although the latter are minor fires usually occurring in dwellings and which the occupants extinguish themselves, the total amount of money paid out by insurance companies for these losses amounted to a respectable \$35,000.

In connection with these figures, it is interesting to note that fire insurance premiums were collected on over 25 million dollars worth of Madison property, both building and contents, against losses paid of approximately \$175,000.

In conclusion, I wish to again extend my thanks and appreciation to you and the members of the Board of Police and Fire Commissioners for the interest shown in the Fire Prevention Bureau during this past year.

Respectfully submitted,

Captain George L. Stanek,
Fire Prevention Bureau

INSPECTIONS BY OCCUPANCY

	Class I		Class II		Class III		Class IV		Class V		Specials		Regular		Reinsp.		Total	
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
January	26	17	145	90	571	185	4	20	20	44	294	46	400	286	72	24	766	356
February	10	14	56	181	495	188	5	18	32	84	236	11	307	430	55	44	598	485
March	12	21	136	187	494	216	12	5	60	37	289	8	411	430	14	28	714	466
April	9	1	75	39	363	94	4	1	12	34	318	34	109	114	38	21	463	169
May	5	35	119	68	375	291			14	72	253	50	219	366	41	50	513	466
June	13	29	89	56	489	226	1	9	28	34	282	43	309	271	29	40	620	354
July	8	10	94	51	522	171	1	7	36	46	326	17	324	251	11	17	661	285
August	16	13	92	31	376	187	7	11	71	64	161	58	348	239	53	9	562	306
September	8	42	86	38	298	153	4	5	17	35	206	31	178	218	29	24	413	273
October	17	8	68	115	204	108	1	6	2	11	256	14	196	379	15	16	467	409
November	33	16	123	178	304	156	3	28	4	31	209	5	55	219	28	24	292	248
December	96		174	63	1483	19	10	1		5	1696	12	24	51	43	25	1763	88
Total	253	206	1257	1097	5974	1994	52	111	296	497	4526	329	2880	3254	426	322	7832	3905

DEFECTS BY OCCUPANCY

	Class I		Class II		Class III		Class IV		Class V		Total	
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
January	29	14	189	123	227	135	17	16	33	47	495	335
February	15	18	80	286	181	135	1	25	23	84	300	548
March	15	8	184	221	217	88	28	5	108	21	552	343
April	16	5	111	45	64	42	20	1	22	34	233	127
May	9	45	137	79	94	180			13	70	253	374
June	18	21	108	50	153	79		4	13	17	292	171
July	5	4	66	28	180	66	3	3	47	20	301	121
August	14	3	96	25	164	33	18	2	102	32	394	95
September	6	21	121	34	76	82	21	5	30	50	254	192
October	7	7	84	118	23	77		3	1	3	115	208
November	22	24	129	266	85	86		23	4	41	240	440
December	1		132	96	41	9		1		3	174	109
Total	157	170	1437	1371	1505	1012	108	88	396	422	3603	3063

Class I includes government buildings, hospitals, institutions, schools, amusement buildings, etc.

Class II includes all occupancies used for the purpose of shelter or residence.

Class III includes all buildings used for mercantile, commercial, or similar purposes.

Class IV includes all buildings used for manufacturing purposes.

Class V includes such miscellaneous buildings as railroad property, public and private garages, filling stations, lumber yards, etc.

BUREAU OF TRAINING &
INSTRUCTION

CAPTAIN JACK A. BOYLE

Chief Edward Joseph Page,
Division of Fire,
Madison, Wisconsin

Dear Sir:

The following is a brief report of the activities of the Bureau of Training and Instruction for the year ending December 31, 1954.

Our present method of drill assignments for all stations has been continued and planned programs of a desired nature have created a better understanding of the things we desire our members to know. The results as shown by the semi-annual examinations are very satisfactory. Under this method identical subjects are studied at all stations at the same time and questions are asked on the subject matter and evolutions covered in the previous six month period.

Our drill schedule for the last year covered the following subjects on which a considerable number of hours were spent in trying to gain partial perfection in each phase of fire fighting.

First Aid	2½" Hose Evolutions
Booster Hose Evolutions	Ladder Evolutions
3" Hose Evolutions	Small Line Evolutions
Use of Ropes in Fire Service	Ventilation Practices
Forcible Entry Practices	Gas Masks & Other Breathing Apparatus
Foam Applicators	Fire Stream Practices
Salvage Covers and Their Uses	First Aid Fire Equipment and Use
Pumps and Pumper Practices	Chalk Talks of Hazards in Territory
Special Equipment and Their Uses	Improvising for Fire Fighting Purposes
Proper Response	Special Items of Interest
Underwriter's Bulletins	Advanced Techniques
Instructional Films	Flammable Liquids Truck
Civil Defense Training	Rule Book of the Department

Officer School Sessions were called when special problems had to be acted upon. The information obtained at these meetings has been extremely valuable in formulating a planned method of attack should a disaster occur. General Order No. 200 was prepared and distributed. This covers our dispersal plan of manpower and equipment in the event of an emergency.

During the past year I have been given many special assignments. Among them were lectures and demonstrations before civic groups, schools, and industrial organizations. The showing of training films and fire prevention films have also been included. This type of activity tends to promote good public relations between our department and the general public and it also helps to promote our never ending fight for fire prevention.

It has been my understanding that a drill school was to be constructed. Such a building would be of considerable benefit and value to the City of Madison. Because of the lack of facilities and areas in which to train our personnel, I would definitely recommend that such a school be built in 1955. In addition to the school a designated area should be set up in which pumps and fire streams could be used.

I wish to thank you and the two Assistant Chiefs for the excellent cooperation given me during the past year and also the officers who have made it possible to have the above described training. With this continued cooperation I feel assured that a successful training program can be continued in the Madison Fire Department.

Respectfully submitted,

Captain Jack A. Boyle,
Bureau of Training and Instruction

TOTAL DRILL HOURS

	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 7	Sta. 8	TOTAL
January	30:05	31:15	35:30	34:50	38:30	26:50	33:45	35:55	266:40
February	32:35	31:10	36:10	31:35	31:00	31:15	31:00	33:45	258:30
March	33:00	28:00	38:40	41:45	43:10	33:55	39:45	37:00	295:15
April	24:45	25:20	38:25	33:30	21:40	22:45	19:05	25:00	210:30
May	28:45	27:15	34:20	36:00	30:45	31:55	37:30	26:55	253:25
June	37:20	34:50	43:25	40:25	40:05	27:30	39:40	36:20	299:35
July	50:45	27:30	49:35	37:55	34:25	32:45	32:35	29:50	295:20
August	26:30	34:50	33:45	38:40	34:65	35:50	35:50	30:55	271:25
September	26:00	21:45	26:00	31:05	32:45	31:25	26:00	33:10	228:10
October	34:15	34:20	30:45	28:15	24:00	31:55	36:20	24:35	244:25
November	32:30	30:35	35:05	36:45	34:10	31:35	36:10	33:35	270:25
December	38:00	39:30	41:30	46:00	36:25	38:55	36:50	36:10	313:20
TOTAL	394:30	366:20	443:10	436:45	402:00	376:35	404:30	383:10	3207:00

BUREAU OF MAINTENANCE

CAPTAIN ARNE W. LERWICK

Chief Edward Joseph Page,
Division of Fire,
Madison, Wisconsin

Dear Sir:

The following is a brief summary of the activities of the Bureau of Maintenance for the year ending December 31, 1954.

During this period over 650 maintenance and service calls were made to our eight fire stations and several major overhaul jobs were completed by the Bureau. One of the major projects completed during this last year was the installation of a complete new motor and differential in the Pirsch Quad located at No. 8 Station. Another major project was the complete rebuilding of all ladders assigned to the truck at No. 6 Fire Station.

Service tests were conducted on all pieces of apparatus during the past year. These tests help to determine the condition and operational efficiency of all our equipment and as a result of these tests minor defects can be noted and corrections made before major breakdowns occur.

As you know, we have been handicapped to some extent in the repair of our apparatus by our limited shop space, however, this problem will be eliminated upon the completion of our new No. 3 Fire Station where excellent shop facilities will be provided.

I wish to express my appreciation and thanks to you, the Assistant Chiefs and all the officers and men for their cooperation and interest that has been shown during this past year.

Respectfully submitted,

Captain Arne W. Lerwick,
Bureau of Maintenance.