



**MADISON FIRE DEPARTMENT**

• **MADISON, WISCONSIN** •

**1962  
ANNUAL  
REPORT**

**CHIEF EDWARD JOSEPH PAGE**



ANNUAL  
REPORT

*Fire Department*

MADISON, WISCONSIN

Ending December 31, 1962



Mayor Henry E. Reynolds  
Members of the Common Council,  
Board of Police and Fire Commissioners

Gentlemen:

The 106th Annual Report of the Madison Fire Department is presented for the year ending December 31, 1962.

In submitting this, my final report as Chief of the Madison Fire Department, I want to express my appreciation to the Mayor, members of the Common Council and the Board of Police and Fire Commissioners for the cooperation they have given, not only during this past year, but during my entire tenure as Chief.

The opening of Station No. 10 at the intersection of Troy Drive and Northport Road in the summer of 1962 completed the first phase of the Master Plan for Fire Station Locations. This new protective facility has provided the much needed additional fire protection for the northern area of our city.

On January 1, 1962 five Alarm Dispatchers were appointed for duty in our Dispatch Room. The creation of these positions has alleviated a problem that has been with us for many years. This progressive step has most certainly increased our response efficiency--a factor that this department has always strived for.

Two new 1250 gallon Pirsch pumpers were received during 1962. One has been placed in service at Station No. 10 and the other has replaced a 24 year old 750 gallon General Pumper which had been in service at No. 6 Station for some years. All of our apparatus and equipment is now in top-notch condition which also adds immeasurably to our response efficiency.

Property has been acquired on the far east side of the city for the relocation of Station No. 5. Preliminary plans for this station should be started in the spring of 1963. With the completion of this project the second phase of the Master Plan for Fire Station Locations will have been completed.

Tribute must be paid to the outstanding group of fire officers and firemen that the City of Madison is fortunate in having. Today's firefighter is a highly specialized and thoroughly trained individual whose ability, industry and perseverance are constantly being put to the test. Physical courage, knowledge, intelligence and valor are all prerequisites for this valiant career. The officers and men of this department have many times over demonstrated these outstanding qualities. I am proud of these men and proud of the service they have given, many times under most trying and hazardous circumstances. Madison is indeed fortunate to have such a group of dedicated public servants whose devotion to duty and loyalty to profession is worthy of every citizen's highest commendation.

Yours very truly,

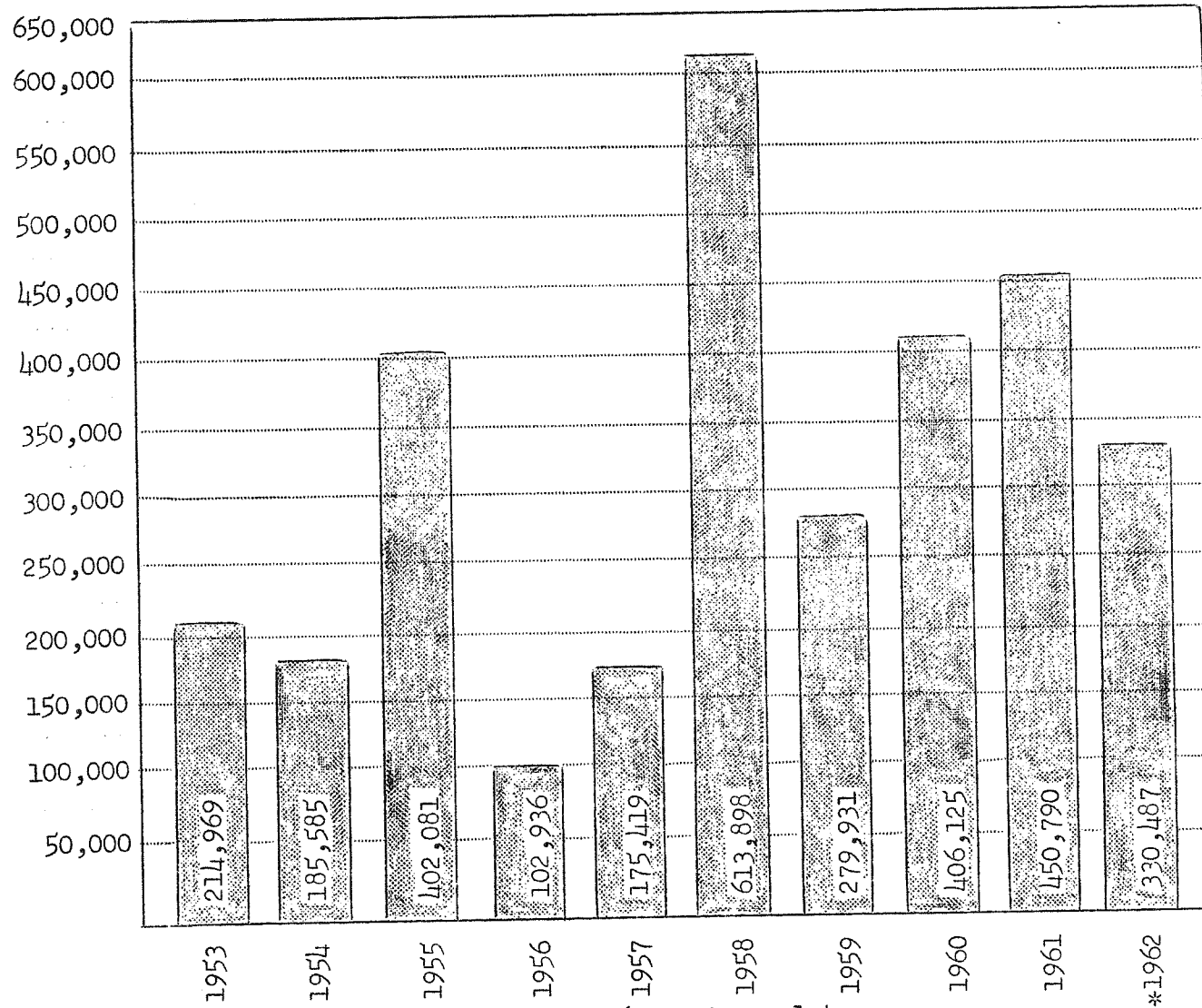
Chief Edward Joseph Page  
Madison Fire Department



*Loss of Life &  
Property*



# FIRE LOSS



\*Total insured loss for year 1962 is incomplete.

AVERAGE FIRE LOSS, Insured; 10 Year Experience---\$316,222



# MONTHLY FIRE LOSS RECAPITULATION

## Alarms Attended-1962

January	\$86,265.95
February	2,633.75
March	29,491.64
April	35,015.10
May	17,276.27
June	9,497.25
July	9,226.92
August	3,958.29
September	26,572.62
October	15,830.02
November	24,606.30
December	<u>18,970.79</u>

TOTAL FOR ALARMS ATTENDED \$279,344.90

## Alarms Not Attended-1962

January	3,924.10
February	3,192.44
March	5,781.08
April	4,140.34
May	7,429.75
June	6,022.73
July	3,984.71
August	3,412.68
September	2,883.72
October	1,981.63
November	4,435.71
December	<u>3,954.06</u>

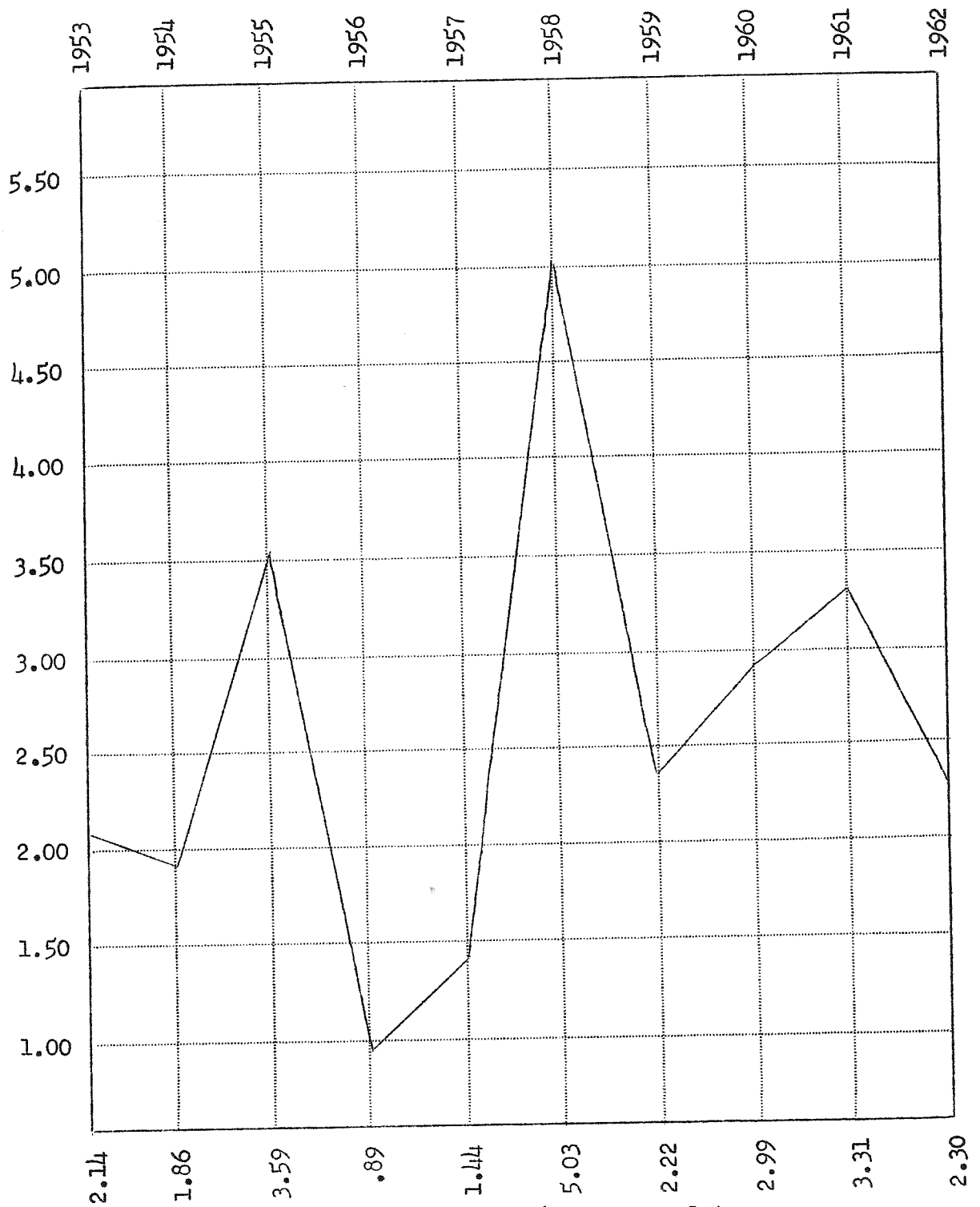
TOTAL FOR ALARMS NOT ATTENDED \$ 51,142.95

TOTAL FIRE LOSS-1962 \$330,487.85\*\*

\*\*This figure is subject to change as additional losses for 1962 are reported.



# PER CAPITA FIRE LOSS: 10 Year Experience



\*Total insured loss for year 1962 is incomplete.

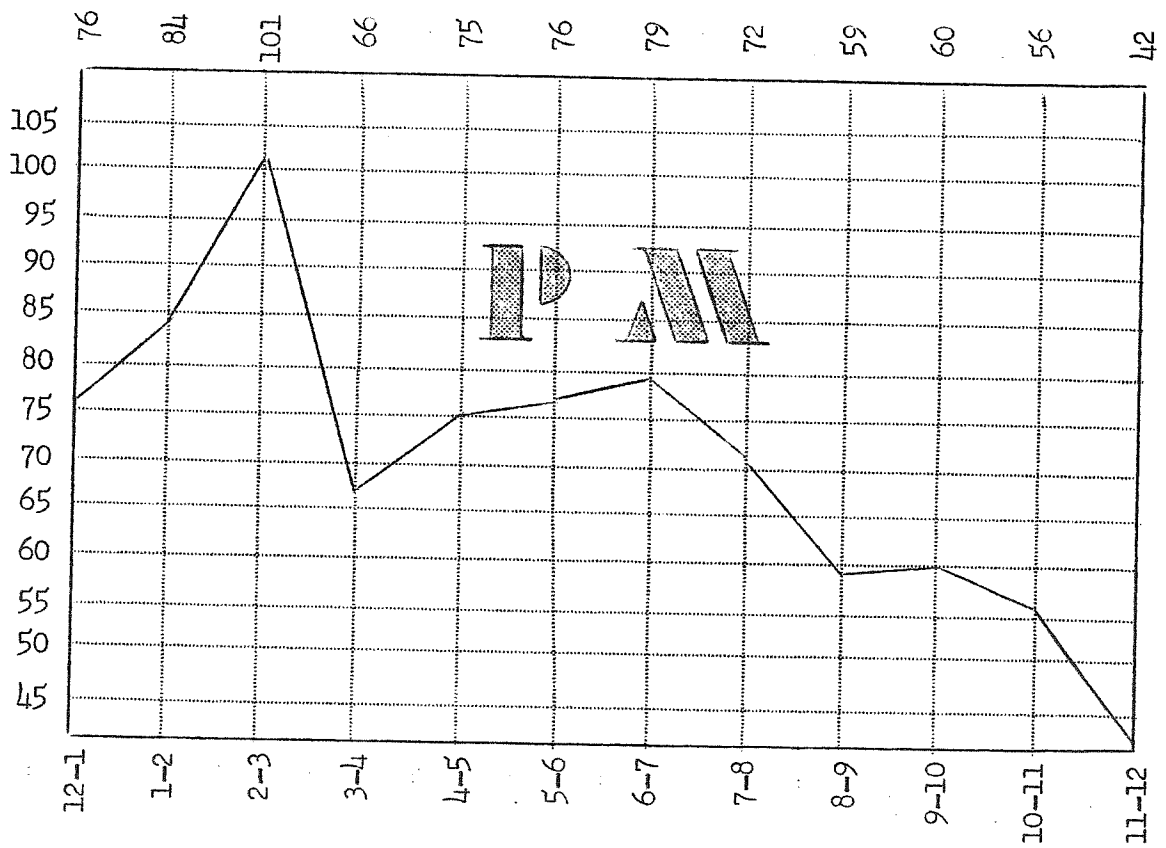
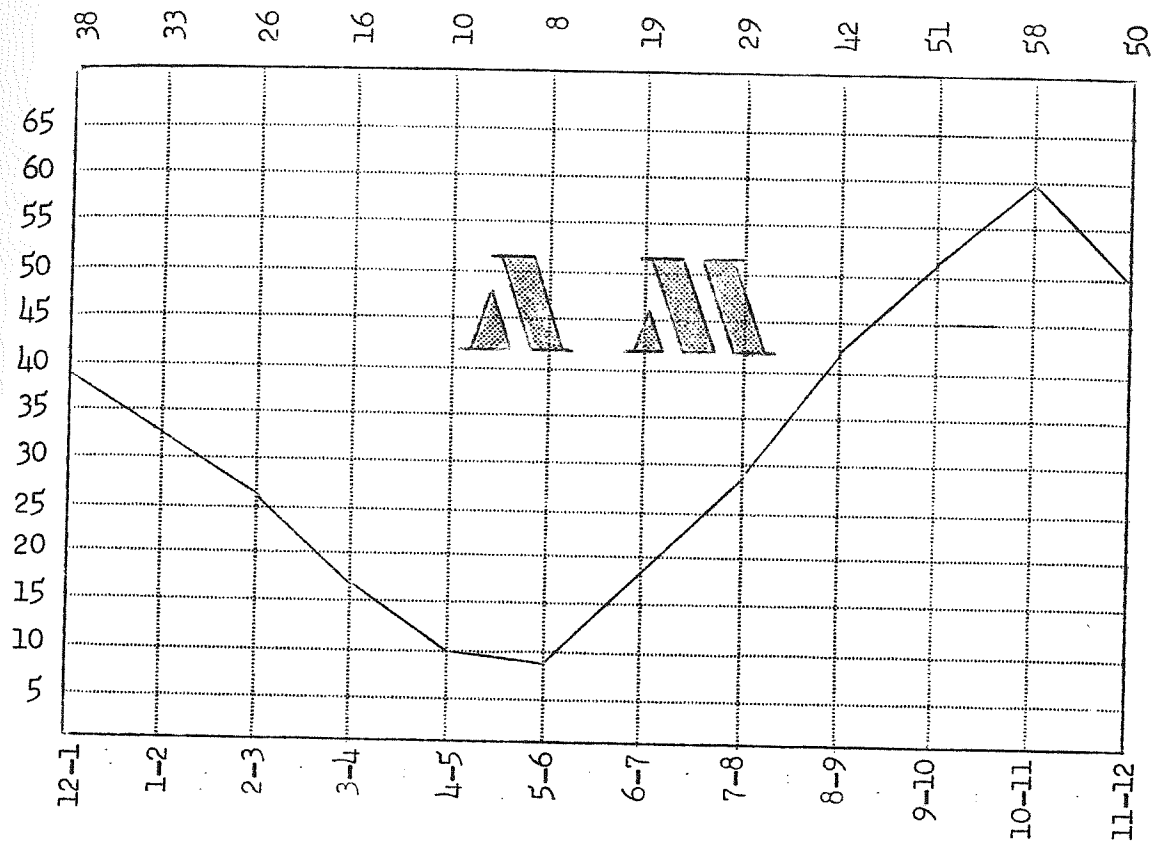
AVERAGE PER CAPITA FIRE LOSS..... \$2.58

EST. POP. - 144,000



# *Alarm & Fire Frequency*

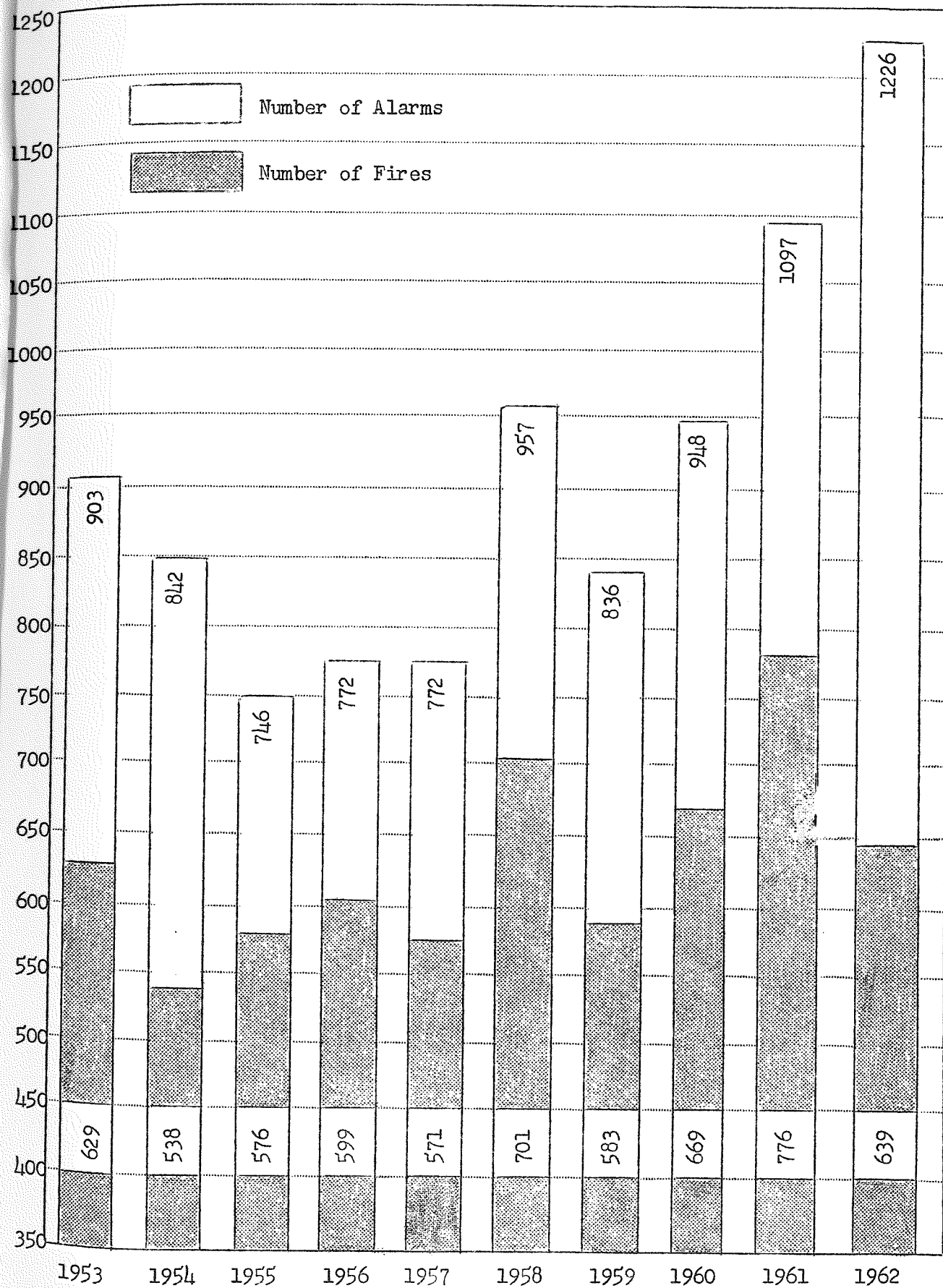
# ALARMS BY HOUR



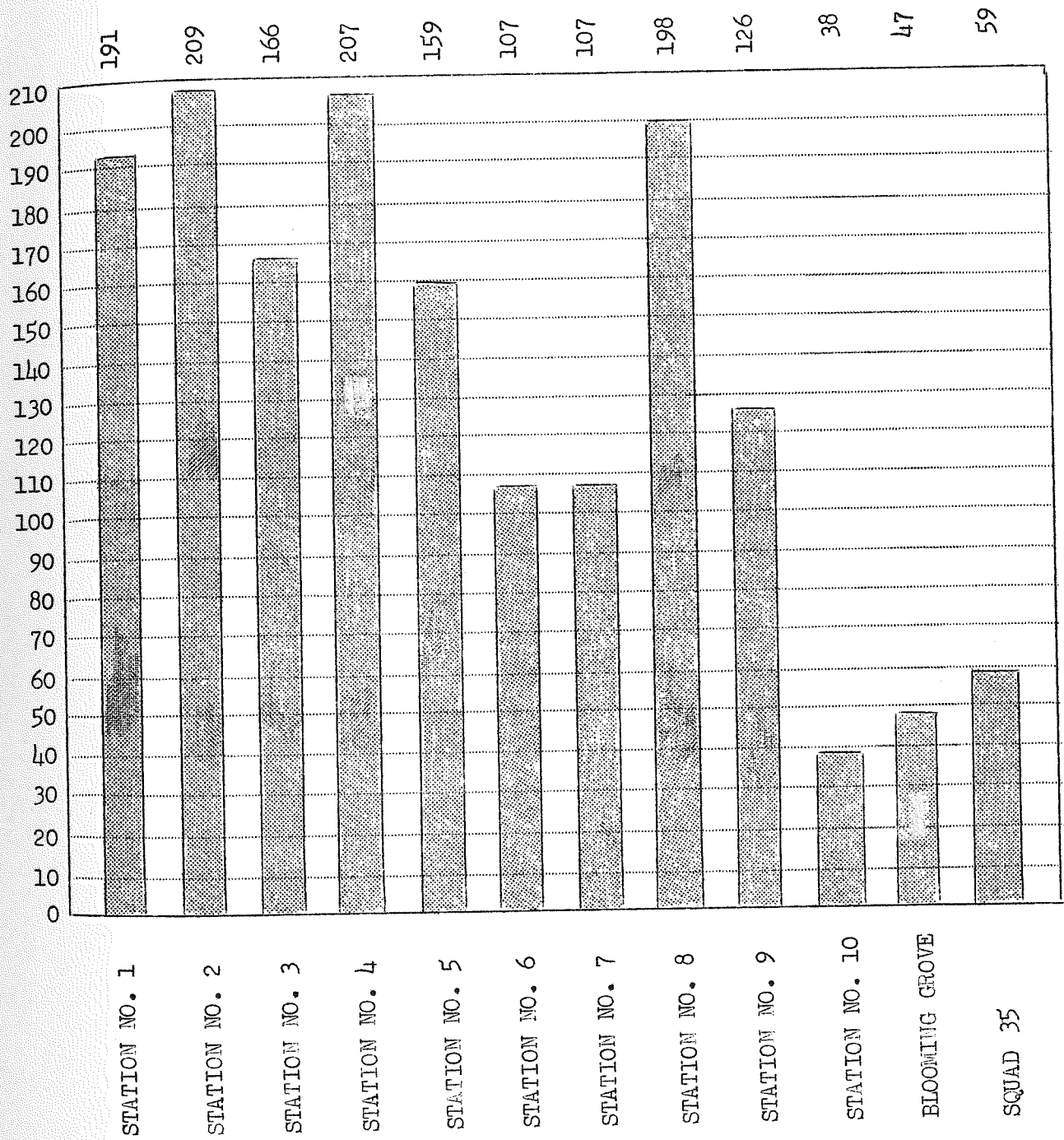


# FIRE AND ALARM FREQUENCY

10- Year Experience



# RUNS PER STATIONS





# 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 Invest.	
	Dwelling Occup.	Public Bldgs.	Mercan- tile	Mfg.	Misc.						
January	19	0	2	0	3	5	9	2	8	30	78
February	11	3	5	1	1	2	7	2	1	30	63
March	8	2	4	1	2	6	6	7	2	33	71
April	8	4	7	1	5	48	17	8	2	47	147
May	9	1	1	2	3	11	11	9	1	55	103
June	10	2	3	0	4	28	11	5	1	52	116
July	13	0	3	4	3	17	15	2	3	37	97
August	16	1	6	1	3	20	14	6	1	26	94
September	23	4	2	2	2	9	11	5	2	36	96
October	17	2	2	3	1	36	17	3	4	36	121
November	16	3	6	3	6	22	11	2	5	57	131
December	17	3	1	0	3	11	7	6	5	56	109
TOTALS	167	25	42	18	36	215	136	57	35	495	1226

ALARMS INVOLVING FIRES: IN BUILDINGS

Public Buildings.....	25
Dwelling Occupancies.....	167
Mercantiles.....	42
Manufacturing.....	18
Miscellaneous Buildings.....	36
TOTAL FIRES-BUILDINGS.....	288

PUBLIC BUILDINGS

<u>Type</u>		<u>Causes</u>
Hospital-Institution... 18	Careless Smoking.....	3
	Incendiarism.....	2
	Playing with Matches.....	1
	Grease on Stove.....	1
	Combustibles Near Heater.....	4
	Elec. Motor & Appliance.....	2
	Undetermined.....	1
	Patient Started Fire.....	4
Schools..... 6	Flammable Liquids.....	1
	Careless Smoking.....	1
	Combustibles Near Heater.....	2
	Spontaneous Ignition.....	1
	Defective Heater.....	1
Laboratory..... 1	Combustibles Near Heater.....	1
TOTAL PUBLIC BLDGS..... 25	TOTAL CAUSES.....	25

DWELLING OCCUPANCIES

Dwellings..... 100	Defective Wiring.....	10
	Grease on Stove.....	7
	Careless Smoking.....	14
	Child with Matches.....	14
	Elec. Motor & Appliance.....	16
	Defective Chimney.....	6
	Combustibles Near Heater.....	8
	Oil Burner.....	8
	Sparks From Fireplace.....	1
	Coal Gas Explosion.....	1
	Undetermined.....	4
	Hot Ashes.....	1
	Lightning.....	2
	Pan Burned Dry.....	2
	Spontaneous Ignition.....	2
	Defective Heater.....	1
	Overtured Lamp.....	1
	Broken Stove Connection.....	1
	Incendiarism.....	1



# DWELLING OCCUPANCIES (Cont'd)

<u>Types</u>		<u>Causes</u>	
Apartments.....	50	Thawing Pipes.....	3
		Combustibles Near Heater.....	3
		Defective Chimney.....	2
		Careless Smoking.....	14
		Open Lights.....	3
		Incendiarism.....	1
		Grease on Stove.....	5
		Elec. Motor & Appliance.....	4
		Gas Explosion.....	1
		Sparks From Incinerator.....	3
		Broken Stove Connection.....	1
		Pan Burned Dry.....	2
		Child With Matches.....	1
		Oil Burner.....	2
		Undetermined.....	2
		Defective Wiring.....	1
		Defective Heater.....	1
		Flammable Liquids.....	1
Hotels.....	4	Cutting Torch.....	1
		Careless Smoking.....	2
		Combustibles Near Heater.....	1
Rooming House.....	2	Careless Smoking.....	2
Dormitory.....	3	Careless Smoking.....	2
		Plugged Incinerator.....	1
Sorority.....	1	Undetermined.....	1
Motel.....	1	Defective Heater.....	1
Flats.....	2	Child With Matches.....	1
		Careless Smoking.....	1
Trailers.....	4	Defective Wiring.....	2
		Defective Heater.....	1
		Combustibles Near Heater.....	1
TOTAL DWELLING			
OCCUPANCIES....	167	TOTAL CAUSES.....	167

## MERCANTILE

Large Single Occup.....	7	Elec. Motor & Appliance.....	1
		Combustibles Near Heater.....	1
		Grease on Stove.....	1
		Gas Vapors Ignited.....	1
		Careless Smoking.....	2
		Defective Wiring.....	1
Retail Store.....	16	Thawing Pipes.....	1
		Elec. Motor & Appliance.....	3
		Oil Burner.....	1

# MERCANTILE (Cont'd)

<u>Types</u>	<u>Causes</u>
	Undetermined..... 2
	Careless Smoking..... 3
	Hot Ashes..... 1
	Defective Wiring..... 2
	Combustibles Near Heater..... 1
	Spontaneous Ignition..... 1
	Plugged Incinerator..... 1
Restaurant..... 12	Careless Smoking..... 2
	Grease on Stove..... 5
	Combustibles Near Heater..... 1
	Hot Ashes..... 2
	Elec. Motor & Appliances..... 2
Launderette..... 2	Lint In Dryer..... 1
	Incendiarism..... 1
Print Shop..... 2	Dirty Ventilators..... 1
	Re-kindle..... 1
Funeral Home..... 1	Careless Smoking..... 1
Tavern..... 1	Grease on Stove..... 1
Store & Apartment..... 1	Incendiarism..... 1
TOTAL MERCANTILES..... 42	TOTAL CAUSES..... 42

## MANUFACTURING

Foundry..... 3	Oil Burner..... 1
	Elec. Motor & Appliance..... 1
	Combustibles Near Heater..... 1
Sheet Metal Shop..... 1	Combustibles Near Heater..... 1
Misc. Manufacturing..... 1	Paint Vapors Ignited..... 1
Battery Plant..... 1	Combustibles Near Heater..... 1
Softener Service..... 2	Chemical Reaction..... 1
	Undetermined..... 1
Bottling Plant..... 1	Undetermined..... 1
Plating Works..... 2	Spontaneous Ignition..... 1
	Re-kindle..... 1
Dry Cleaners..... 3	Elec. Motor & Appliance..... 1
	Undetermined..... 1
	Lint In Dryer..... 1
Plastic Mfg..... 1	Elec. Motor & Appliance..... 1



## MANUFACTURING (Cont'd)

<u>Types</u>		<u>Causes</u>	
Bakery.....	1	Grease on Stove.....	1
News Plant.....	1	Undetermined.....	1
Milk Plant.....	<u>1</u>	Elec. Motor & Appliance.....	<u>1</u>
TOTAL MANUFACTURING....	18	TOTAL CAUSES.....	18

MISCELLANEOUS

Shack.....	5	Oil Burner.....	1
		Incendiarism.....	1
		Undetermined.....	3
Public Garage.....	2	Combustibles Near Heater.....	2
Laboratory.....	1	Elec. Motor & Appliance.....	1
Bulk Plant.....	1	Defective Wiring.....	1
Private Garage.....	14	Hot Ashes.....	3
		Child with Matches.....	4
		Defective Wiring.....	1
		Undetermined.....	3
		Combustibles Near Heater.....	3
Building Under Const....	2	Undetermined.....	2
Shed.....	4	Undetermined.....	4
Service Station.....	2	Gas Pumps Knocked Down.....	1
		Incendiarism.....	1
Barn.....	4	Undetermined.....	2
		Defective Wiring.....	2
Laundromat.....	<u>1</u>	Elec. Motor & Appliance.....	<u>1</u>
TOTAL MISCELLANEOUS....	36	TOTAL CAUSES.....	36

## BUILDING FIRES

### C A U S E S

Careless Smoking.....	47
Electric Motor and Appliance.....	33
Combustibles Near Heater.....	29
Undetermined.....	28
Children With Matches.....	21
Defective Wiring.....	20
Grease on Stove.....	18
Oil Burner.....	13
Chimney Fire.....	8
Incendiarism.....	7
Hot Ashes.....	7
Pan Burned Dry.....	6
Spontaneous Ignition.....	5
Sparks From Incinerator.....	5
Defective Heater.....	5
Thawing Pipes.....	4
Open Lights.....	4
Patient Started Fire.....	4
Coal Gas Explosion.....	3
Cutting Torch.....	3
Gas and Appliances.....	2
Flammable Liquids.....	2
Re-kindle.....	2
Lightning.....	2
Broken Stove Connection.....	2
Overturnd Lamp.....	1
Chemical Reaction.....	1
Gas Pumps Knocked Down.....	1
Dirty Ventilators.....	1
Paper Burning In Mailbox.....	1
Lab Equipment Burning.....	1
Fire Smoldering In Rug.....	1
Sparks From Fireplace.....	<u>1</u>
TOTAL CAUSES.....	288

# *Personnel*



# PERSONNEL DISTRIBUTION

Authorized Personnel for Year 1962

Chief.....	1
Assistant Chiefs.....	3
Deputy Chiefs.....	2
Captains:	
Line Officers:	
Station.....	13
Relief.....	<u>2</u>
	15
Fire Prevention Bureau..	1
Training & Instruction..	1
Maintenance.....	<u>1</u>
	<u>3</u>
Total Captains.....	18
Lieutenants:	
Line Officers:	
Station.....	13
Relief.....	<u>6</u>
Total Lieutenants.....	19
Fire Prevention Inspectors.....	8
Assistant Mechanic.....	1
Dispatchers.....	5
Firefighters.....	<u>176</u>
TOTAL PERSONNEL-Fire Departments.....	233
Office Employees.....	<u>2</u>
TOTAL PERSONNEL: Authorized Strength.....	235

PERSONNEL -- 5 Year Experience

AUTHORIZED MEMBERSHIP OF DEPARTMENT	1958	1959	1960	1961	1962
Police and Fire Commission	213	213	215	216	233
Board of Personnel	2	2	2	2	2
TOTAL	215	215	217	218	235
New Members Appointed	21	5	13	1	21
Retirements	0	1	4	1	1
Resignations	1	4	5	1	1
Leave of Absence	0	0	0	0	1
Dismissals	0	0	0	0	0
Disability Retirement	0	0	1	0	0
Deaths	0	0	0	0	1
Military Leave	0	1	1	1	0
Complement Beginning of Year	195	215	214	217	217
Complement End of Year	215	214	217	217	235



# *Bureau of Fire Prevention*

CAPTAIN GEORGE L. STANEK



Chief Edward Joseph Page  
Madison Fire Department  
Madison, Wisconsin

Dear Sir:

I am submitting to you the annual report of the activities of the Fire Prevention Bureau for the year ending December 31, 1962. A detailed summary of the routine activities of Bureau members is contained in the following pages.

Not included in the statistics but yet a major part of the functions of the Bureau are the investigation of fires for determination of cause and the investigation of complaints. A total of 461 such investigations were conducted by members of the Bureau.

The investigation of fires is an important phase of fire prevention activities even though the event has already happened. The purpose of the investigation is to gain knowledge of fire causes and to prevent similar happenings in the future.

Undoubtedly, the most tragic fire investigation is the one conducted in an occupancy where a death has occurred. There were four deaths by fire in the City last year, all attributable in a direct way to the careless handling of matches or cigarettes. These are foolish deaths and can only be eliminated by personal restraints. No outside agency can prevent them.

Inspector Russell Langley retired from the Madison Fire Department in September, after serving more than 16 years in the Bureau. Lloyd Briggs was promoted to the position of Fire Inspector in October to fill the vacancy left by the retirement.

Respectfully Submitted,

George L. Stanek, Captain  
Fire Prevention Bureau

# CLASS INSPECTIONS

MONTHS	CLASS I		CLASS II		CLASS III		CLASS IV		CLASS V		TOTALS	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
January	29	30	77	333	166	403	4	39	8	64	284	869
February	40	48	179	204	346	287	12	16	46	39	623	594
March	42	74	173	289	384	250	6	13	34	78	639	704
April	32	28	201	298	362	236	4	21	19	55	618	638
May	56	43	85	353	208	413	6	44	10	69	365	922
June	39	94	176	339	340	259	18	18	44	83	617	793
July	70	38	148	184	247	282	12	14	21	36	498	554
August	50	52	179	288	377	249	15	26	73	84	694	699
September	27	52	171	315	361	275	7	25	37	59	603	726
October	20	19	105	162	283	235	4	31	14	61	426	508
November	28	43	105	370	319	297	64	110	18	23	534	843
December	65	32	92	144	529	328	22	31	78	55	786	590
TOTALS	498	553	1691	3279	3922	3514	174	388	402	706	6687	8440
GRAND TOTALS	1051		4970		7436		562		1108		15,127	

# TYPES OF INSPECTIONS

MONTHS	SPECIALS		REGULAR		REINSP.		TOTALS	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
January	201	6	81	807	2	56	284	869
February	168	132	445	427	10	35	623	594
March	237	41	400	642	2	21	639	704
April	362	246	223	350	33	42	618	638
May	140	20	211	884	14	18	365	922
June	192	35	413	710	12	48	617	793
July	145	20	312	445	41	89	498	554
August	152	9	510	634	32	56	694	699
September	217	13	359	670	27	43	603	726
October	106	11	286	447	34	50	426	508
November	142	32	355	760	37	51	534	843
December	319	23	453	539	14	28	786	590
TOTALS	2381	588	3848	7325	258	537	6687	8440
GRAND TOTALS	2969		11,173		795		15,127	

# DEFECTS BY OCCUPANCY

MONTHS	CLASS I		CLASS II		CLASS III		CLASS IV		CLASS V		TOTALS	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
January	6	11	13	96	13	90	0	10	1	32	33	239
February	47	65	25	34	46	46	10	14	11	16	139	175
March	6	22	59	84	42	47	0	0	5	16	112	169
April	10	32	67	97	39	32	2	2	12	10	130	173
May	5	15	40	124	22	62	0	12	0	15	67	228
June	7	5	41	87	60	68	12	8	15	16	135	184
July	0	9	38	61	51	38	5	3	5	6	99	117
August	6	12	39	66	45	25	3	9	13	18	106	130
September	2	9	27	71	21	51	1	5	3	19	54	155
October	5	4	16	82	42	34	2	7	10	12	75	139
November	9	3	10	94	33	26	7	8	8	8	67	139
December	17	6	17	52	31	33	3	7	19	5	87	103
TOTALS	120	193	392	948	445	552	45	85	102	173	1104	1951
RAND TOTALS	313		1340		997		130		275		3,055	

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, warehouses, etc.



# *Bureau of Training & Instruction*

CAPTAIN MAURICE T. NASON



Edward Joseph Page, Chief  
Madison Fire Department

Dear Sir:

Department personnel training was provided during 1962 by 'line officers' who conducted the refresher type of evolutions for those items which remain somewhat stable in our operational planning. These can be listed as professional practices which are most regularly used and which require constant review and individual participation to assure that they can be applied under emergency conditions, with that degree of skill and efficiency which is only achieved through habit. It is the phase of our training which demands the most patience and understanding and for which the department personnel deserve the full commendation of this bureau. Cooperation has been most excellent and, coupled with personnel of proven ability and character, accounts for the fine department reputation which we enjoy.

Considerable progress must, of necessity, be constantly achieved if we are to maintain peak efficiency in these times of increased hazard by fire or other emergency. This requires that a continuous program of research, planning, selling, education and practice must be actively maintained with no allowance for relaxing these efforts at any time. The record of efficiency in all segments of our operation indicate conclusively that such a progressive program has been continuously and effectively operational.

Bureau effort has been extended in the planning of training facilities which will eventually provide uniform instruction and practice to all department personnel. To date this has met with some degree of success. However, we will have to concentrate a great deal more effort in this direction if we will be able to fully realize the benefits of such a major project. We hope that the 1963 report will include reference to the completion of this project. At least completion to the extent that we will have some facilities which will be operational in our training program.

I wish to take this opportunity to sincerely thank the officer and fire fighting personnel, city and county officials, Dane County Red Cross, city and county Civil Defense divisions, the Dane County Medical Society, the Madison Insurance Board and the many agencies and individuals who have cooperated so generously to make the work of this bureau most pleasant and more easily productive.

Respectfully submitted,

Maurice T. Nason, Captain  
Bureau of Training & Instruction

# 1962 ANNUAL DRILL RECORD

## TOTAL HOURS BY STATION, SHIFT AND SUBJECTS

SUBJECTS	STATION SHIFT	1		2		3		4		5		6		7		8		9		10 *		TOTALS
		A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
Territory-Streets		23	25	31	44	40	37	49	43	33	41	27	32	35	42	31	54	37	29	24	40	717
First Aid-Rescue-Masks		28	32	20	25	35	33	30	34	34	39	53	33	21	26	28	31	28	29	14	9	582
Hose Evolutions		15	11	12	21	14	17	18	19	30	20	18	17	34	15	19	18	19	26	2	6	351
Tools & Equipment		22	6	18	17	22	25	17	27	23	13	22	17	10	14	13	22	25	13	4	3	333
Pump Operations		10	10	8	13	11	18	10	17	11	9	15	10	24	14	8	13	10	9	7	3	230
Hydraulic Problems		8	6	15	6	4	17	13	3	22	17	11	9	19	5	18	15	5	13	4	4	214
Ladder Evolutions		15	22	2	-	26	18	22	36	8	10	18	9	-	4	24	20	27	32	2	2	297
Review-All Subjects		5	9	9	11	7	4	7	4	4	8	6	8	6	6	2	13	5	1	2	2	119
Text-Handout		3	5	11	12	4	4	5	4	17	21	11	8	15	15	15	9	3	5	4	1	172
Ropes-Knots		7	12	2	2	10	7	13	10	6	8	9	5	1	7	5	12	10	9	6	-	141
Apparatus & Driving		-	4	1	3	4	8	10	4	-	2	5	4	7	7	6	1	3	1	-	3	73
Ventilate-Force Entry		3	3	5	-	-	2	1	3	6	12	-	7	3	9	3	4	2	4	2	2	71
Salvage & Overhaul		5	1	-	-	6	6	1	5	11	6	4	3	-	-	3	3	6	6	4	2	72
Rules-Laws-Codes		6	11	6	6	6	2	7	7	5	4	9	9	1	4	8	3	5	4	4	2	109
Fire Attack-Planning		9	-	8	4	-	-	-	2	5	-	5	2	9	9	5	4	6	3	-	-	71
Miscellaneous **		10	16	7	9	13	6	10	8	8	6	7	14	16	8	10	5	9	10	3	3	178
TOTALS		169	173	155	173	202	204	213	226	223	216	220	187	201	185	198	227	200	194	82	82	3730

\*\*Chemistry of Fire  
Utilities-Hazards  
Company Records  
Company Inspection  
Public Relations

Radiation & Fire Planning  
Promotional Study  
Annual Examination  
Lectures & Demonstrations-Spec. Subjects

Water Supply  
Ind. Foam Systems  
Films-General Training  
Civil Defense Procedures  
Fire Administration

\*Record for 5 months  
Opened July 1962



# *Bureau of Maintenance*

CAPTAIN JAMES OLSON

Chief Edward Joseph Page  
Madison Fire Department  
Madison, Wisconsin

Dear Sir:

The following is a summary of the activities of the Bureau of Maintenance, for the year ending December 31, 1962.

The time in hours indicated below are the hours charged to each group of apparatus, cars and stations for preventative maintenance and repair.

1. Ten regularly stationed engines	1033 hours
2. Two reserve engines	54 hours
3. Three special service trucks	42 hours
4. Six aerial trucks	331 hours
5. Eight cars	314 hours
6. One rescue squad	97 hours
7. Ten stations	672 hours
8. Miscellaneous hours not charged to any one group of apparatus or station such as records, supplies, planning, instruction, shop work, and other duties as prescribed by the Chief of the Fire Department.	1179 hours
Total	3722 hours

Nineteen sixty two has been a year of marked significance. A change over of our regular fire apparatus has been completed with the two new fire engines that were put into service at number ten and number six stations. From 1948 to 1962 a period of fourteen years, all of the regularly stationed pumpers and aerials have been replaced. The three oldest of the six aerials have been renovated to the most modern design and the three oldest of the ten pumpers have been completely restored to their original expectancy. The completion of their engine rebuilding last year and rebuilding their fire pumps this year completed this project.

All ten fire stations are in excellent shape except for normal disintegration from age, as to be expected. With a continued surveillance and a program of good maintenance, they will be kept this way.

I wish to take this opportunity before your retirement to publicly extend my appreciation for your cooperation during my past service as Assistant Mechanic and my present assignment as Captain of the Bureau of Maintenance. On behalf of my assistant Niel Rossmassler and myself I wish to thank all fire department personnel for the splendid cooperation given to the Bureau of Maintenance in 1962.

Respectfully yours,

James C. Olson, Captain  
Bureau of Maintenance



# APPARATUS AND EQUIPMENT USED -- 5 Year Experience

Apparatus & Equipment	1958	1959	1960	1961	1962
2 $\frac{1}{2}$ " Hose Laid	119,100	113,250	80,250	97,770	105,680
1 $\frac{1}{2}$ " Hose Laid	10,000	7,050	6,250	8,450	5,350
Booster Hose - Feet	103,250	92,700	91,200	116,775	134,600
Ladders Raised - Feet	3,986	4,626	2,620	4,134	3,744
Booster Gallons	19,369	16,981	16,861	22,520	25,805
Total Company Runs	1,474	1,300	1,343	1,534	1,614

## DEPRECIATION RECORD

A four and one half percent 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 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 twenty and thirty years is depreciated at the rate of one per cent of the original cost each year. At the end of thirty 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 other vehicles 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, the value as of December 31, 1962 and the date this apparatus would be retired.



# APPARATUS DEPRECIATION

STA NO.	DESCRIPTION	DATE PURCH.	ORIG. COST	LIFE YRS.	PERC. DEPR.	AMOUNT DEPR.	VALUE 12/31/62	DATE TO RETIRE	YRS. OF SERV.
1	Sedan, Chevrolet	6/58	1,850	5	20	1,480	370	1964	4
1	Sedan, Buick	2/51	2,000	5	20	2,000	---	1956	11
1	1250 Gal. Pumper (American LaFrance)	9/48	19,756	20	4½	12,446	7,310	1968	14
1	100 Ft. Aerial, Pirsch	11/49	35,862	20	4½	20,979	14,883	1969	13
1	Rescue Squad (In. Hr.)	12/60	6,000	8	12½	1,500	4,500	1968	2
2	1250 Gal. Pumper (Pir)	12/56	20,979	20	4½	5,664	15,315	1977	6
2	600 Gal. Pumper (Seag)	2/34	6,200	20	4½	6,169	31	1954	29
3	Panel Truck, Maint.	4/61	2,018	8	12½	505	1,513	1969	2
3	750 Gal. Pumper Foam	8/25	12,500	20	4½	12,500	---	1945	37
3	1250 Gal. Pumper (ALF)	9/48	19,756	20	4½	12,446	7,310	1968	14
3	85 Ft. Aerial Pirsch	2/50	30,862	20	4½	18,054	12,808	1970	13
3	Utility Truck Chev.	11/49	3,500	8	12½	3,500	---	1957	13
4	Sedan, Chevrolet	6/58	1,850	5	20	1,480	370	1964	4
4	High Pressure Ford	9/48	2,500	8	12½	2,500	---	1956	14
4	1250 Gal. Pumper ALF	9/48	19,756	20	4½	12,446	7,310	1968	14
4	85 Ft. Aerial Seag.	12/60	41,781	20	4½	3,760	38,021	1981	2
5	1250 Gal. Pumper Pir.	12/56	20,979	20	4½	5,664	15,315	1977	6
6	1250 Gal. Pumper Pir.	12/62	26,316	20	4½	0	26,316	1983	0
6	85 Ft. Aerial Seagrave	2/58	39,692	20	4½	8,930	30,762	1978	5
7	1000 Gal. Pumper Pir.	1/59	21,590	20	4½	3,886	17,704	1979	4
7	600 Gal. Pumper Seag.	4/35	6,623	20	4½	6,557	66	1955	28
8	1000 Gal. Pumper FWD	1/60	21,564	20	4½	2,911	18,653	1980	3
8	85 Ft. Aerial Pirsch	11/59	37,990	20	4½	5,128	32,862	1980	3
9	85 Ft. Aerial Pirsch	2/50	30,862	20	4½	18,054	12,808	1970	13
9	1000 Gal. Pumper FWD	1/60	21,564	20	4½	2,911	18,653	1980	3
10	1250 Gal. Pumper Pirsch	8/62	24,910	20	4½	0	24,910	1983	0
FPB	Sedan, Chevrolet*								
FPB	Sedan, Chevrolet*								
FPB	Sedan, Studebaker	3/61	1,800	8	12½	450	1,350	1969	2
T&I	Sedan, Plymouth*								

\*Trade-In from other department approximately every two years-Budget appropriation.