

#### MADISON FIRE DEPARTMENT

MADISON, WISCONSIN

## 1960 ANNUAL REPORT

CHIEF EDWARD JOSEPH PAGE

# AN AN AN OUT OF THE

Fire Department

MADISON, WISCONSIN

ENDING DECEMBER 31, 1960

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

Madam & Gentlemen:

In compliance with Section 6.15 of the General Ordinances of the City of Madison, I am transmitting herewith the 104th Annual Report of the Madison Fire Department for the year ending December 31, 1960.

I should first of all like to express my appreciation to all city officials for the advice and support given me and the department during this past year. Their understanding of the many and varied problems confronting a municipal department of this size has contributed greatly to the efficient operation and administration of fire service in the City of Madison.

From the statistics presented in this report, you will note that our total alarms for the year 1960 were 112 more than for the preceding year. Of this total, 396 were classified as "Building Fires"; the remainder consisting of grass and brush, mistaken and false alarms, investigations and specials. The statistics further point out that defective appliances and wiring, children with matches and careless smoking again lead as the major causes of building fires. These figures clearly indicate that fire prevention and education must continue to be strongly stressed to all citizens.

In January 1960, two 1000 gallons pumpers, ordered in 1959, were delivered and placed in service at Stations No. 8 and 9. In December of 1960 an 85 foot aerial ladder truck and a new Rescue Squad were placed in service. An International step van was purchased as a replacement for our 1949 reconverted Rescue Squad. The designing and building of this unit to meet the specifications and demands of this department was done by the members of our Maintenance Bureau to whom special commendation must be given.

One of the major accomplishments of 1960 was the preparation and approval of Madison's Plan for Fire Station Locations, prepared jointly by the Mayor's Office, Planning Department and the Fire Department. This is an achievement that will be of inestimable value both to the city adm inistrators and Common Council, and the department in preparing long range plans for more efficient fire service. This first phase of this Master Plan will be put into operation in 1961 with the building of one new Station and the relocation of one other station.

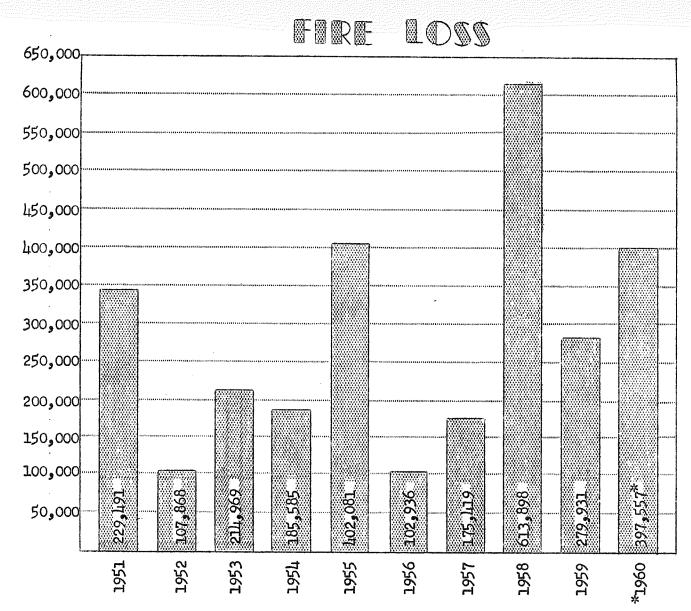
I should also like to express my appreciation to all the members of this department who have contributed so much to it's efficient and orderly operation. All of us owe much to this valiant and devoted group of public servants.

Our fire statistics and activities or our various Bureaus are charted on the following pages.

Yours very truly,

Chief Edward Joseph Page Madison Fire Department

# Loss of Life & Property



\*Total insured loss for year 1960 is incomplete.

AVERAGE FIRE LOSS, Insured; 10 Year Experience----- \$265,1479

#### MONTHLY FIRE LOSS RECAPITULATION

#### Alarms Attended - 1960

January	\$218,033.17
February	7,991.79
March	7,734.69
April	35,935.03
May	821.75
June	27,498.61
July	14,512.19
August	3,576,36
September	7,434,83
October	776.49
November	14,404.29
December	16,636,63

TOTAL FOR ALARMS ATTENDED

\$355,345.83

#### Alarms Not Attended - 1960

January	2,157,52
February	3,788,60
March	8,879.86
April	2,533.63
May	3,325.15
June	1,731.70
July	3,522.79
August	1,547.60
September	3,502.74
0ctober	4,257.55
November	4,830.72
December	2,134.10

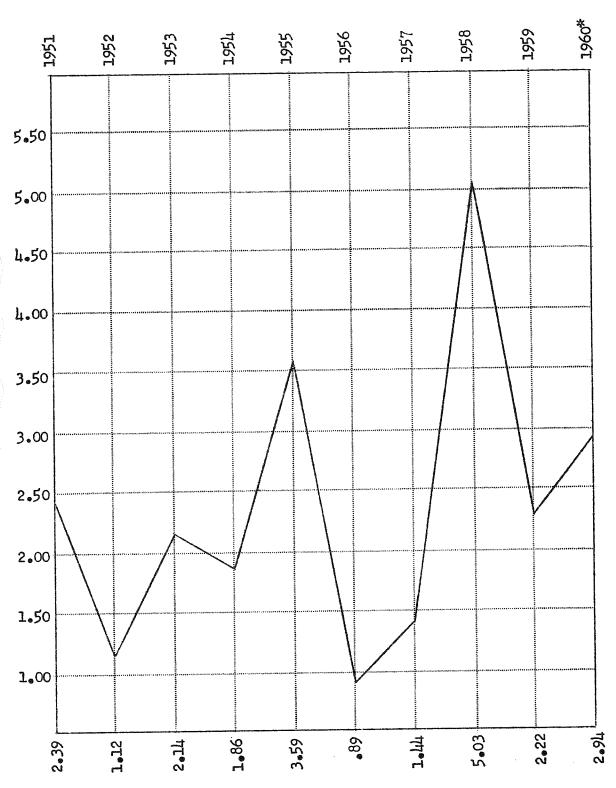
TOTAL FOR ALARMS NOT ATTENDED

\$ 42,211.39

TOTAL FIRE LOSS - 1960

\$39**7,**55**7.79\***\*

<sup>\*\*</sup>This figure is subject to change as additional losses for 1960 are reported.



\*Total insured loss for year 1960 is incomplete.

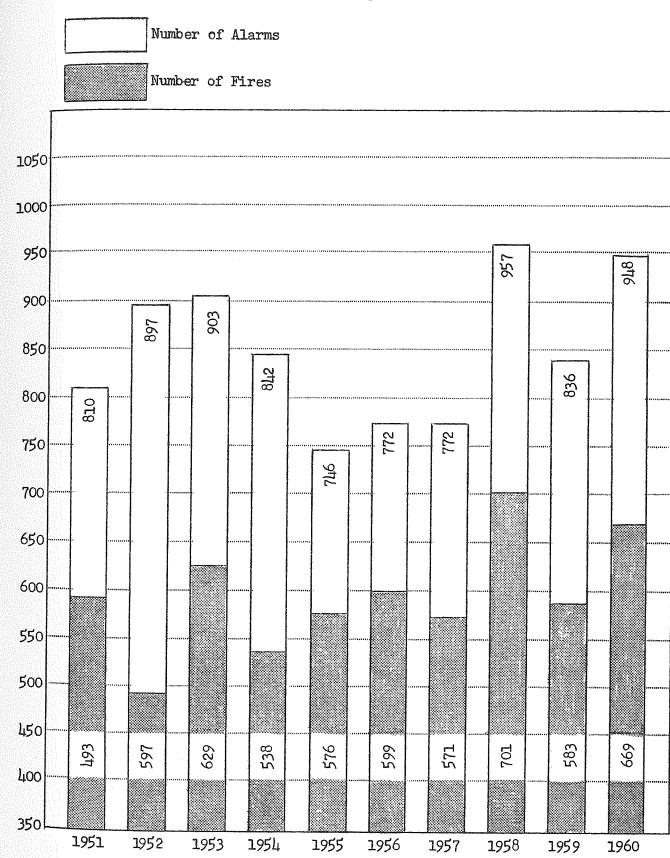
AVERAGE PER CAPITAL FIRE LOSS..... \$2.36

EST. POP. - 136,000

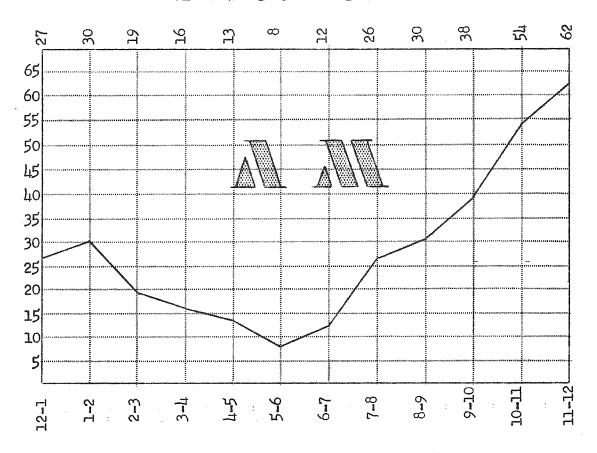
## Alarm & Fire Frequency

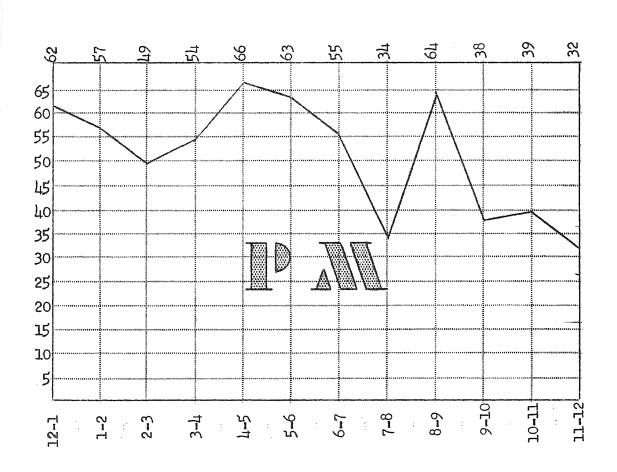
#### FIRE AND ALARM FREQUENCY

10-Year Experience

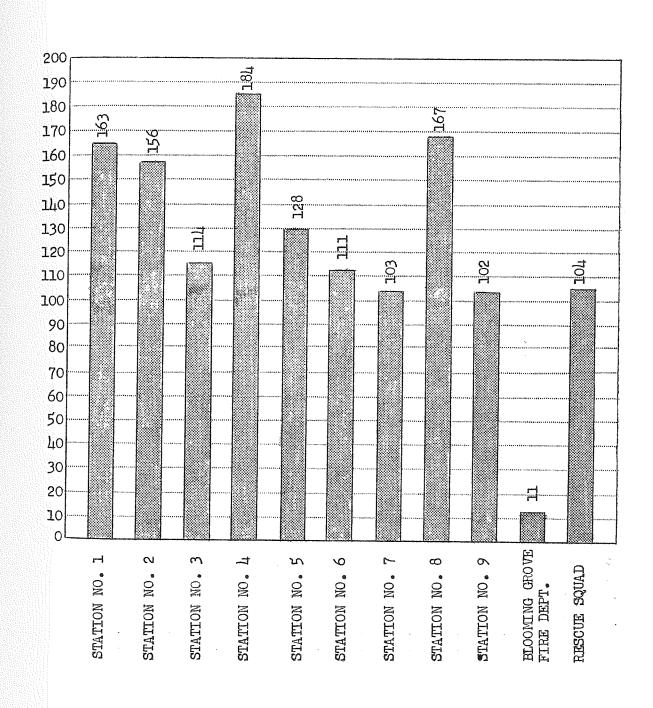


#### ALARMS BY HOUR





#### RUNS PER STATIONS



#### ALARM CLASSIFICATION

		ALARMS INVOLVING FIRE								ALARMS NOT INVOLVING FIRE			
		I	n Building	s		Grass	All				П		
MONTHS	Dwelling Occup.	Public Bldgs.	Mercan- tile	Mfg.	Misc.	Brush Dumps	Other Fires	False Alarms	Mistaken Alarms	Specials and Invest.	Total Number Alarms		
January	23	0	5	0	3	2	6	12	2	15	68		
February	29	1	2	1	3	0	5	ll 11	0	26	78		
March	31	1	3	2	0	0	11	1	3	13	65		
April	28	0	0	0	1.	46	15	2	14	- 8	1.04		
May	17	0	1	0	4	1	174	5	3	19	64		
June	19	1	6	0	2	1	17	7	3	10	66		
July	25	3	7	ı	6	4	15	2	3	23	89		
August	19	0	5	3	5	2	18	2	0	12	66		
September	18	0	14	1	1	1	12	5	0	14	56		
October	26	O	3	0	2	1	17	4	0	20	73		
November December	27 35	2 1	5 5	Ö 2	3 4	10 31	18 26	6 4	1 3	18 18	90 <b>12</b> 9		
TOTALS	297	9	<b>4</b> 6	10	34	99	174	61	22	196	948		

ALARMS INVOLVING FIRES: IN BUILDINGS

Public Buildings  Dwelling Occupancie  Mercantile  Manufacturing  Miscellaneous Build  TOTAL FIRES - BUILD	297 46 10 ings34	
Type PUBLIC B	UILDINGS Causes	
Hospitals	Careless Smoking	2 1
Schools5	Other Use Of Flammable Liquids Undetermined Miscellaneous Known Cause Combustibles Near Heaters Malicious Mischief	1 1 1 1
Rest Home 1	Lightning	1
TOTAL PUBLIC BUILDINGS 9	TOTAL CAUSES	9
DWELLING O	Electric Appliances & Motors. Chimney, Soot Burning Children With Matches. Grease On Stove. Oil Burners. Defective Electric Wiring. Defective Heaters. Gas & Appliances. Careless Smoking. Lightning. Miscellaneous Known Causes. Combustibles Near Heater. Undetermined. Hot Ashes. Defective Fireplace. Burning Rubbish. Careless Use of Matches. Other Use Of Flammable Liquids. Fireworks. Chimney, Defective. Plugged Chimney. Rekindle. Sparks From Fireplace. Spontaneous Ignition. Overheated Gas Furnace. Thawing Pipes.	459975577785443221111111111

#### DWELLING OCCUPANCIES (Cont'd)

Types	OIRIOL	Causes	
Apartments 7	73	Electric Appliances & Motors Grease On Stove	1417665433322221111
Flatsl	2	Chimney, Soot Burning  Defective Heaters  Defective Electric Wiring  Lightning  Careless Smoking  Grease On Stove	5 2 1 1
Rooming House	6	Undetermined	2 2 1
Apartments & Business	9	Careless Smoking	3 1 1 1
Motels	2	Combustibles Near Heaters Undetermined	1
House Trailer	1	Oil Burner	1
Duplex	1	Carless Smoking	1
Sorority House	1	Defective Electric Wiring	1

#### DWELLING OCCUPANCIES (Contid)

Types		Causes	
Fraternity House	1	Electric Appliances & Motors	1
Lodging House	1	Grease On Stove	1
Hotels	1	Undetermined	1
TOTAL DWELLING OCCUPANCIES	297	TOTAL CAUSES	297
<u>j</u>	MERCANTI	<u>le</u>	
Retail Stores	20	Careless Smoking Defective Electric Wiring Undetermined Incendiary Grease On Stove Explosion Spontaneous Ignition Miscellaneous Known Cause Electric Appliances & Motors. Children With Matches Incinerator Thawing Pipes	4 2 2 1 1 1 1
Restaurant	6	Defective Electric Wiring Electric Appliances & Motors. Oil Burner Undetermined	2 1 1 1
Plumbing Shop	1	Combustibles Near Heater	7
Cleaners	3	Electric Appliances & Motors Hot Ashes	1 1 1
Large Single Occupancy	3	Defective Electric Wiring Electric Appliances & Motors	2
Taverns	7	Defective Electric Wiring Electric Appliances & Motors Undetermined Defective Fireplace Oil Burner Careless Smoking	2 1 1 1 1
Bicycle Shop	2	Incendiary	2
Office Building	2	Defective Electric Wiring	2
Catering Service	1	Defective Electric Wiring	1
Drug Store	1	Oil Burner	1
TOTAL MERCANTILES	46	TOTAL CAUSES	46

#### MANUFACTURING

Types		Causes	
Showcases		Miscellaneous Known Cause	1
Bakery	and the second	Defective Electric Wiring	1
Meat Packers	1	Combustibles Near Heater	1
Culverts & Concrete Pipes.	2	Miscellaneous Known Causes	2
Canvas Tents & Awnings	1	Undetermined	1
Implements	1	Undetermined	1
Printing Shop	1	Undetermined	1
Foundry	1	Miscellaneous Known Cause	1
Laboratory	1	Careless Smoking	1
TOTAL MANUFACTURING	10	TOTAL CAUSES 1	0
WIS	SCELLANEC	ous	
Salvage Auto Parts	1	Undetermined	1
Granary & Shop	1	Chimney, Defective	1
Bldg. Under Construction	2		1
Garages (Private)	15	Combustibles Near Heaters  Hot Ashes  Careless Smoking  Defective Electric Wiring	5222111
Barms	2	Children With Matches	
Shack	1	Children With Matches	]
Storage Sheds	2	Children With Matches  Defective Electric Wiring  Burning Rubbish	
Storage Building	1	Children With Matches	1
Warehouse	1	Other Use of Flammable Liquids	1
Oil Companys	2	Careless Smoking	

#### MISCELLANEOUS (Cont'd)

<u>Types</u>	Causes	
Garage (Public)	Oil Burner	1
Playhouse l	Miscellaneous Known Cause	1
Farm Shed 1	Undetermined	_1
TOTAL MISCELLANEOUS 34	TOTAL CAUSES	34

#### BUILDING FIRES

#### CAUSES

Electric Appliances & Motors	67
Defective Electric Wiring	41
Children With Matches	32
Careless Smoking	31
Grease On Stove	31
Chimney, Soot Burning	29
Undetermined	25
Oil Burners	23
Miscellaneous Known Cause	17
Defective Heaters	13
Gas & Appliances	13
Combustibles Near Heaters	11
Lightning	10
Hot Ashes	8
Clogged Incinerator	7
Burning Rubbish	5 4
Redkindled	
Incendiary	4
Other Use of Flammable Liquids	3
Defective Fireplace	43322 222
Chimney, Defective	2
Spontaneous Ignition	2
Thawing Pipes	2
Malicious Mischief	1
Careless Use of Matches	1
Fireworks	1
Plugged Chimney	1
Sparks From Fireplace	1
Overheated Gas Furnace	ļ
Overheated Incinerator	1
Open Lite Flames	ļ
Sparks On Wooden Shingle Roof	1
Explosion	1
Incinerator	ļ
Overheated Salamander	1
Lamps & Stoves	1
MOMAT CATICAC	306

## Apparatus & Equipment

Apparatus & Equipment	1956	1957	1958	1959	1960
2½n Hose Laid	80,000	88,350	119,100	113,250	80,250
l½" Hose Laid	4,450	5,720	10,000	7,050	6,250
Booster Hose - Feet	97,150	98,400	103,250	92,700	91,200
Booster Gallons	15,399	15,560	19,369	16,981	16,861
Ladders Raised - Feet	3,184	3,926	3,986	4,626	2,620
Total Company Runs	1,126	1,158	1,474	1,300	1,343

#### 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 established a life expectancy of twenty 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 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, 1960 and the date this apparatus should be retired.

		Ţ <del>~~~</del>	T	Т	<del></del>	1	T	7	
FA.	DESCRIPTION	DATE PURCH.	ORIG. COST	ł	PERC. DEPR.	AMOUNT DEPR.	VALUE 12/31/60	DATE TO RETIRE	YRS OF SERV
	Sedan, Chevrolet	6/58	1,850	5	20	740	1,110	1963	3
<u>-</u>	Sedan, Buick	2/51	2,000	5	20	2,000	(m) 449 200	1956	9
L	1250 Gal. Pumper (American LaFrance)	9/48	19,756	20	41/2	10,668	9,088	1968	12
$\Box$	100 Ft. Aerial, Pirsch	11/49	35,862	20	4글	17,752	18,110	1969	11
	Rescue Squad (Intr'l Harvester	12/60	6,000	8	12½	(BES) (SES) (SES)	6,000	1968	0
!	1250 Gal. Pumper (Pirsch)	12/56	20,979	20	ᆙ골	3,776	17,203	1977	Ļ
)	600 Gal. Pumper (Seagrave)	2/34	6,200	20	4½	6,014	186	1954	27
	Sedan, Nash	10/47	1,645	5	20	1,645	e1=+4	1952	13
	Panel Truck, Maint. (Ford)	1/54	1,130	5	20	1,130	<b>\$</b> 1500 and	1959	7
	750 Gal. Pumper, Foam (Seagrave)	8/25	12,500	20	ఠ	12,500	distribution dark	1945	35
	1250 Gal. Pumper (American LaFrance)	9/48	19,756	20	냽	10,668	9,088	1968	12
	85 Ft. Aerial, Pirsch	2/50	30,862	20	41/2	15,277	15,585	1970	11
	Utility Truck, (Chev.)	11/49	3 <sub>2</sub> 500	8	12글	3,500	(tod) (ma)	1957	11
	Sedan, Chevrolet	6/58	1,850	5	20	1,110	740	1963	3
	High Pressure (Ford)	9/48	2,500	8	12 <del>1</del>	2,500	\$46.000\\$-\$	1956	12
	1250 Gal. Pumper (American LaFrance)	9/48	19,756	20	ᆁ	10,668	9,088	1968	12
	85 Ft. Aerial (Seagrave)	12/60	41,781	20	4 <del>1</del>	<u>(</u> 1000 and the	41,781	1981	0
	1250 Gal. Pumper (Pirsch)	12/56	20,979	20	<sup></sup>	3,776	17,203	1977	4
	750 Gal. Pumper (General)	9/39	9,183	20	4월	8,357	826	1959	21
	85 Ft. Aerial Seagrave	2/58	39,692	20	4 <del>킬</del>	5,319	34,373	1978	3
1	1000 Gal. Pumper (Pirsch)	1/59	21,590	20	41/2	1,943	19,647	1979	2
	600 Gal. Pumper (Seagrave)	4/35	6,623	20	4 <del>킬</del>	6,358	265	1955	26
_	1000 Gal. Pumper (FWD)	1/60	21,564	20	<sup></sup>	970	20,594	1980	1
+	85 Ft. Aerial (Pirsch)	11/59	37,990	20	ᅝ	1,710	36,280	1980	1
+	85 Ft. Aerial (Pirsch) 1000 Gal. Pumper	2/50	30,862	20	4글	15,277	15,585	1970	11
	(FWD) Sedan, Chevrolet*	1/60	21,564	20	41	970	20,594	1980	1
<u>' L</u>	oedan, Chevrolet*								
	Sedan, Plymouth*								
	TOTALS		437,974			\$144,998	\$292 076		

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

## Personnel

#### PERSONNEL -- 5 Year Experience

AUTHORIZED MEMBERSHIP OF DEPARTMENT	1956	1957	1958	1959	1960
Police and Fire Commission	192	193	<b>21</b> 3	213	215
Board of Personnel	2	2	2	2	2
TOTAL	194	195	215	215	217
New Members Appointed	8	8	21	5	13
Retirements	1	3	0	1	4
Resignations	6	2	1	4	5
Leave of Absence	1	0	0	0	0
Dismissals	0	0	0	0	0
Disability Retirement	0	1	0	0	1
Deaths	0	0	0	0	0
Military Leave	0	0	0	1	1
Complement Beginning of Year	194	194	195	215	214
Complement End of Year	193	195	215	214	217

#### PERSONNEL DISTRIBUTION

#### Authorized Personnel for Year 1960

Chief	1
Assistant Chiefs	3
Deputy Chiefs	2
Captains: Line Officers:	
Station	
Fire Prevention Bureau. 1 Training & Instruction. 1 Maintenance	
Total Captains	17
Lieutenants:  Line Officers: Station	
Total Lieutenants	18
Fire Prevention Inspectors	7
Assistant Mechanic	1
Firefighters	166
TOTAL PERSONNEL - Fire Departments	215
Office Employees	2
TOTAL PERSONNET. Authorized Strength	217

#### PERSONNEL ROSTER

December 31, 1960

#### STATION NO. 1

Chief Edward Joseph Page
Asst. Chief Edward P. Durkin
Asst. Chief William F. Lynaugh
Asst. Chief John E. Huston
Captain Walter G. Ayers
Captain Vincent J. Geier
Lieutenant Eldon E. Maginnis
Lieutenant Erwin M. Lichte

Private Christian P. Andersen Private LeRoy V. Anderson Private Lester E. Archibald Private Douglas K. Bailey Private Phillip J. Behrend Private John E. Bingham Private Donald C. Berray Private Donald E. Black Private Raymond H. Disch Private Darrell J. Fleming Private Robert D. Fuller Private Dale F. Gritzmacher Private Frederick R. Grob Private Harold N. Hansen Private Michael M. Hauser Private Charles W. Kalar Private Alvin T. Johnson Private Arthur P. Kaltenberg Private John R. Kaveny Private Edwin L. Kjin

Private Harold P. Klein Private Eugene G. Knudtson Private Frank R. Leverentz Private Fred W. Manthe Private Richard L. McCann Private Charles R. Merkle Private Percy Moen Private Robert D. Mutch Private Kendall E. Niebuhr Private Ralph K. O'Brien Private Donald M. Olson Private Theodore T. Ryan Private David W. Schommer Private Leo E. Shillinglaw Private Donald A. Simon Private Philip J. Statz Private Gilman S. Stone Private Orville E. Vallem Private James L. White Private Edward B. Willauer

#### STATION NO. 2

Captain Fred A. Rice Lieutenant Harland A. Lippolt

Private Orval Austin Jr.
Private James Dolderer
Private Robert H. Fleming
Private Stanley V. Hermanson
Private Walter J. Kwiecinski
Private James V. McAusland

Private Arnold C. Moen
Private James E. Spangler
Private Donald J. Wilder
Private Paul E. Welsch
Private Wayne Wolff
Private James W. Hickey

#### STATION NO. 3

Captain James M. Engelberger Captain Arthur Wilcox Lieutenant Louis F. Hoffman Lieutenant Harold R. Dennis

Private Carl E. Austin
Private Lloyd W. Briggs
Private Thomas D. Flynn
Private Berton H. Gessler
Private Kenneth R. Gibbs
Private Robert A. Gruber
Private James M. Gschwend
Private Arthur J. Halverson
Private Leon G. Holl
Private Keith F. Lawler
Private William J. Leroy

Private Marvin D. Matranga
Private Leonard S. Nelson
Private Duane M. Roeske
Private Allan N. Sherman
Private Dean J. Skare
Private Michel P. Sullivan
Private William J. Sullivan
Private Gary A. Swan
Private Earl R. Tiedt
Private Joseph Wedikind

#### STATION NO. 4

Deputy Chief Ralph McGraw
Deputy Chief Harold O. Muenkel
Captain Henry W. Anderson
Captain Phillip A. Narf
Lieutenant Paul G. McCallum
Lieutenant Arthur E. Spring

Private Dean R. Beyler
Private Peter F. Breitenbach
Private Robert P. Couture
Private Clair M. Dirienzo
Private Walter E. Ferguson
Private James E. Fraser
Private Donald Gandolph
Private James L. Gilbert
Private Harry G. Klinger
Private Donald D. Knutson
Private Richard D. Lindauer

Private Richard L. Means
Private W. Carson Mettel
Private Roger W. Myers
Private Linus E. Odegaard
Private Bernard J. Reilly
Private Richard H. Rossmaessler
Private Donald A. Shillinglaw
Private Theodore L. Tauchen
Private Paul R. Toltzien
Private Arthur D. Wicks
Private Donald R. Wilcox

#### STATION NO. 5

Captain Harold L. Starkweather Lieutenant Frank N. McMahon

Private Donald Bingham
Private Emil G. Goikovich
Private Arthur L. Hanson
Private Cecil J. Hendricks
Private Arnold H. Horstmeyer
Private Marvin J. Kammer

Private Andrew H. Langum Jr. Private Donald R. Lumsden Private Joseph E. Martinelli Private Ronald J. Reuter Private Robert G. Scheer Private Glenn A. Wilcox

#### STATION NO. 6

Captain Arthur T. Emerson Lieutenant Edsel F. Kingsley

Private Donald P. Annen
Private Phillip J. Behrend Jr.
Private William T. Ferger
Private John H. Fiscus
Private Merwyn W. Gorsuch
Private Donald A. Huggins
Private Donald D. Knudtson
Private Ellington H. Lansdowne

Private Eugene A. Peterson Private George A. Reilly Private Paul G. Reublin Private Robert M. Schumann Private James H. Statz Private Ralph E. Triggs Private Mel Troia Private Russell M. Nelson

#### STATION NO. 7

Captain Wilson H. Donkle Lieutenant Edward J. Bokina

Private Arnold R. Andrews Private Lester E. Blackmer Private William L. Clapp Private Mathew M. Coronna Private John F. Dalton Jr. Private Charles M. Dirienzo Private Duane D. Neitzel
Private Harold T. Paltz
Private Oscar A. Petry
Private John G. Randall
Private James F. Shipley
Private Victor A. J. Stormer

#### STATION NO. 8

Captain Charles E. Hessling Lieutenant Raymond A. Martinson

Private James E. Bitney
Private Joe M. Conway
Private Vernon C. Dahnert
Private Dean G. Eveland
Private Carl Fiscus
Private Clair R. Flint
Private James R. Johnson
Private John N. McNurlin

Private Harland Ledding
Private Robert E. Odegaard
Private Joseph G. Otto
Private Donald J. Schmitt
Private Alfred M. Sime
Private Cyril F. Tiedt
Private Leo F. Tiedt
Private Theodore A. Williams

#### STATION NO. 9

Captain Joseph F. Buechner Lieutenant Walter B. Gavin

Private Thomas J. Barry
Private Robert B. Burns
Private Charles L. Busch
Private William A. Carow
Private Robert E. Egener
Private Edward D. Durkin
Private Robert H. Gessler
Private Daryl J. Griffin

Private Joseph Lawrence
Private John L. Luther
Private Thomas F. Moore
Private George W. Piernot
Private Joseph D. Roberts
Private Werner P. Schorr
Private Charles R. White
Private Wilbur C. Wright

#### FURLOUGH OFFICERS

Captain Edward E. Knope
Captain Russell A. Mani
Lieutenant Robert L. Albright
Lieutenant Rexford W. Colvin
Lieutenant Kermit E. Hermanson
Lieutenant Lyle D. Mepham
Lieutenant Oscar F. Pankow
Lieutenant John R. Tappen

#### BUREAU OF MAINTENANCE

Captain James C. Olson Asst. Mech. G. Neil Rossmaessler

#### FIRE PREVENTION BUREAU

Captain George L. Stanek
Inspector Charles H. Gilbert
Inspector Harrison R. Langley
Inspector Harry A. Page
Inspector Carroll H. Paltz
Inspector Joseph L. Tisserand
Inspector Kenneth O. Vodak
Inspector Vincent W. Wonn

#### BUREAU OF TRAINING AND INSTRUCTION

Captain Maurice T. Nason

#### BOARD OF PERSONNEL EMPLOYEES

John N. L. Hereid Ralph C. Reda

### Burgay of Fire Prevention

CAPTAIN GEORGE L. STANEK

Chief Edward Joseph Page Madison Fire Department Madison, Wisconsin

Dear Sir:

The employment of regular routine fire inspections in all public buildings and occupancies is undoubtedly the most effective method which may be used in controlling or eliminating fire hazards. The effective element in the procedure is the use of direct contact and approach are violation is found, brought to the attention of a responsible person, and correction of the condition is requested.

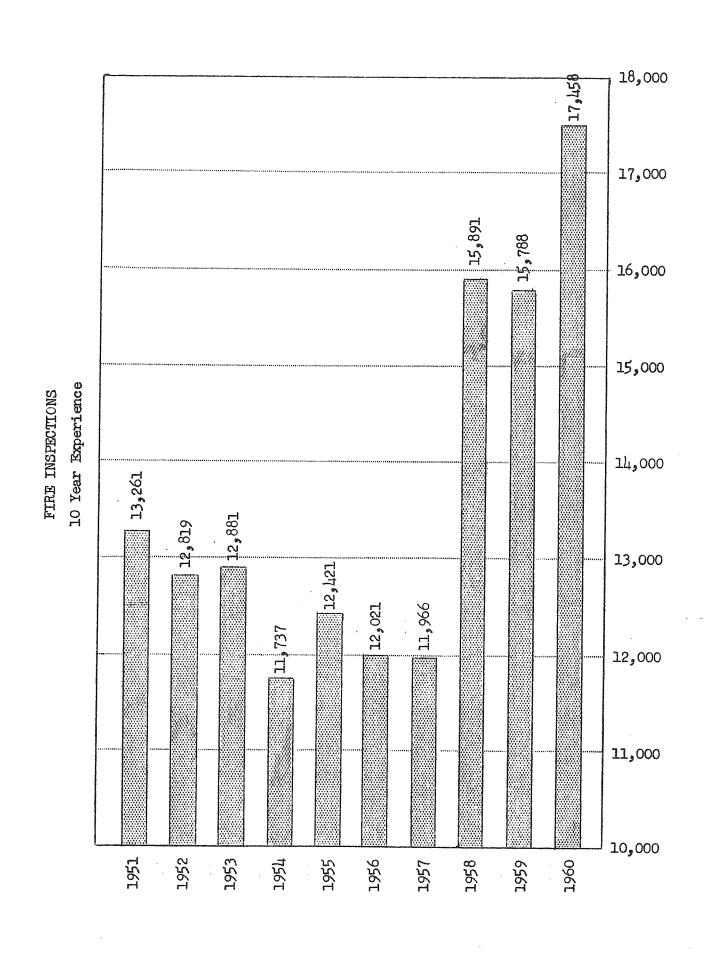
However, since many more fires occur in private residences than in public buildings, factories, mercantile occupancies, etc., it is essential that these people, not ordinarily exposed to fire inspections and fire prevention information, be contacted, and although our submitted records do not so indicate, thousands of such contacts were made during the year.

Appearances by members of the Bureau were made in all elementary Madison Schools before thousands of school children; other appearances were made on radio, television, and before adult groups. Eventually, by this and other media, the gospel of fire prevention will be spread to all areas of occupation and professed ignorance of hazards and causes will no longer be a legitimate excuse for fire.

A statistical report of the activities of the Fire Prevention Bureau during the year 1960 is entered on the following pages.

Respectfully submitted.

George L. Stanek, Captain Fire Prevention Bureau



CLASS INSPECTIONS													
MONTHE	CLAS	S I	CLAS	SII	CLAS	S III	CLAS	SS IV	CLAS	SS V	TOTALS		
MONTHS	IN	OUT	IN	OUT	IN	OUT	IN	IN OUT		OUT	IN	OUT	
January	40	7171	158	294	365	296	27	33	54	102	644	769	
February	74	46	158	318	401	287	22	66	67	129	722	846	
March	47	35	226	170	527	331	28	49	66	125	894	710	
April	31	30	814	378	353	290	17	52	69	150	554	900	
May	34	24	99	99 293		365	15	59	42	127	549	868	
June	53	63	161	394	445	506	31	54	56	108	746	1125	
July	48	73	220	664	353	504	26	101	70	276	717	1618	
August	32	76	292	886	210	351	111	11 50		55 148		1511	
September	34	41	86	233	255	205	21	20	56	43	452	542	
October	6	6	40	67	123	51	8	12	32	22	209	158	
November	24	26	89	271	239	127	24	23	64	73	440	520	
December	33	48	74	205	370	450	8	38	38	100	523	841	
TOTALS	456	512	1687	4173	4000	3763	238	557	669	1403		10,408	
GRAND TOTALS	968		5860		7763		79	75	20	072	17,458		

TYPES OF INSPECTIONS											
	SPEC	CIALS	REGU	JLAR	REIN	ISP.	TOTALS				
MONTHS	IN	IN OUT		OUT	IN	OUT	IN	OUT			
January	490	527	150	242	4	0	644	769			
February	531	559	150	280	41	7	722	846			
March	706	428	177	277	11	5	894	710			
April	459	632	88	267	7	1	554	900			
May	416	583	99	277	34	8	549	868			
June	379	419	350	695	17	11	746	1125			
July	29	13	672	1577	16	28	717	1618			
August	7	9	592	1501	1	1	600	1511			
September	1	0	445	539	6	3	452	542			
October .	1	2	197	133	11	23	209	158			
November	85	5	344	502	11	13	440	520			
December	348	302	160	528	15	11	523	841			
TOTALS	3452	3479	3424	6818	174	111	7050 1	80باره			
GRAND TOTALS	6	931	10,	242	2	85	17,458				

DEFECTS BY OCCUPANCY													
	CLAS	S I	CLAS	S II	CLAS	S III	CLAS	S IV	CLAS	s v	TOTALS		
MONTHS	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
January	14	2	33	23	67	24	7	7	14	24	135	80	
February	20	7	118	62	90	54	1	15	13	31	242	169	
March	18	0	70	57	78	82	8	15	0	26	174	180	
April	4	6	10	127	41	23	3	13	8	27	66	196	
May	11	10	105	105 128		51	3	20	1	32	171	241	
June	12	3	40	40 87		28	7	3	11	8	127	129	
July	2	3	14	23	10	15	3	1	4	7	33	49	
August	0	0	8	0	10	11	0	0	0	0	18	11	
September	0	0	9	3	1	0	0	0	3	0	13	3	
October	2	1	13	42	32	8	7	3	9	5	63	59	
November	13	6	30	61	93	32	12	6	22	19	170	124	
December	16	6	28	104	35	47	0	11	0	30	79	198	
TOTALS	112	717	478	717	565	375	51	94	85	209	1291	1439	
GRAND TOTALS	156		1195		940		145		25	94	2730		

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 E Instruction

CAPTAIN MAURICE T. NASON

Edward Joseph Page, Chief Madison Fire Department Madison, Wisconsin

Dear Sir:

It is my pleasure to report good progress achieved in the training program of Madison Fire Fighters during 1960. The success of the program is realized because the station officers have efficiently performed the teaching detail and the fire fighting force has cooperated commendably in accepting the instruction. The end result is one of a well trained department - prepared to meet the challenge of impending emergency. This, together with the high quality of equipment at our disposal, provides a department of peak efficiency.

The method of instruction centers around the practice of trainee performance by actual participation whenever and wherever it can be accomplished. Practical and simulated conditions are used extensively to provide a type of training that most nearly resembles actual emergency conditions which we are likely to encounter. The Bureau perpares and initially presents new phases of instruction. The "line" officers provide the follow-up instructions and individual practice required. During December examination of each fire fighter is conducted by the Bureau. Grades are established according to the examination results. The direct question type of oral examining is used; and questions are selected to best test the individual according to his particular job assignment.

Attached is a detailed report of training hours spent by each shift and each station. It shows hours per year for each of the major subjects that comprise the instruction and training. The most hours are spent on the subject of "Territory - Streets and Hydrants". This occurs because of the vast areas of the present territory boundaries and the new areas of recent annexations and expanding development.

I wish to extend my thanks and appreciation to all of the officers and fire fighters for their cooperation and wholehearted acceptance of the training detail - without which I would be unable to title this a report of Progress.

Respectfully submitted,

Maurice T. Nason, Captain Bureau of Training & Instruction

1960 ANNUAL DRILL RECORD TOTAL HOURS BY STATION, SHIFT AND SUBJECTS

	I		r <del></del>		·				ı		1				<del></del>		1		
SUBJECTS		A. l	STA	ģmuummana.	STA	***************************************	STA.	***************************************	STA.	, 5	STA	, 6	ST	A. 7	ST	A. 8	ST	A. 9	ПО ПАТ ~
		В	A	В	A	В	A	_B	A	В	A	В	A	В	A	В	A	В	TOTALS
Territory-Streets-Hydrants	30	23	33	39	39	30	56	34	59	52	43	38	44	19	31	36	60	27	693
First Aid-Rescue-Masks	29	33	35	20	20	29	19	37	26	35	16	14	32	29	32	20	22	28	476
Hose Evolutions	17	10	16	12	26	15	14	21	23	19	21	6	20	29	23	11	2.7	39	349
Tools & Equipment	19	14	17	15	19	20	21	22	13	10	14	12	8	27	13	22	23	. 8	297
Pump Operations	10	17	19	14	10	9	14	9	17	11	13	16	18	11	12	15	24	35	274
Hydraulic Problems	11	12	9	17	16	10	14	13	24	28	11	7	16	28	20	12	12	11	271
Ladder Evolutions	14	22	3	8	26	29	41	44	4	3	16	21	8	7	28	25	9	16	324
Review - All Subjects	11	7	15	18	13	13	14	2	10	9	2	18	4miles	16	2	10	3	2	165
Text - Handout	6	ging	1,1	6	4	5	3	11	4	11	8	17	9	10	9	12	3	7	136
Ropes & Knots Practices	8	8	5	8	5	12	7	15	6	12	12	3	1	9	12	8	10	9	150
Apparatus & Driving Practices	5	1	1	6	644	2	1	7	<b>Q</b> iant	3	3	3	10	2	11	11	2	10	78
Ventilation & Forcible Entry	2	Ц.	2	10	6	1	2	8	8	8	8	3	1.	8	4	11	1	5	92
Salvage & Overhaul	2	2	<b>4439</b> .	2	3	4	6	6	10	9	14	5	9	6	2	7	6	5	98
Radiation-Location-Technique	etrap	4	2	2	g=-0	jato	2	4		- Qinip	,===	949	4	lings	فشو	(ping)		Quag.	18
Rules-Laws-Codes	11	l	4	4	3	6	1	1	3	e is	5	(comp)	3	3	2	3	, timb	2	52
Fire Attack - Simulated	4	6	7	9	2	4	6	6	10	2	13	13	10	3	em.	3	3	1	102
Miscellaneous**	16	10	9.	7	3	5	8	3	4	- 4	- 2	2	9	4	6	2	3	2	99
TOTALS	195	174	188	197	195	194	229	243	221	216	201	178	202	211	207	208	208	207	3674

\*\* Chemistry of Fire
Utilities - Hazards
Fire Cause - Evidence
Public Relations

Promotional Study Sprinkler & Standpipe Systems Annual Examination Water Supply Fixed Foam Systems Training Films Civil Defense Reserve Equipment

## 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, 1960.

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

l.	Nine regularly stationed engines.	818	Hrs.	
2.	Two spare engines	59	Hrs.	
3.	Three special service trucks.	81	Hrs.	
4.	Six aerial trucks	388	Hrs.	
5.	Eight cars.	246	Hrs.	
6.	Six aerial trucks Eight cars. Nine stations.	311	Hrs.	
7.	Building new rescue squad.	378	Hrs.	
8.	Miscellaneous hours not charged to any			
	one group of apparatus or station such			
	as records, supplies, planning, instruc-			
	tions, shop work, and other duties as			
	perscribed by the Chief of the Fire De-			
	partment.	1667	Hrs.	
		3916	Total	Hrs

The highlights of the year 1960 that contributed much to maintaining a good fire department and consuming a lot of time, are as follows:

l. Installation of new radios in all vehicles.

2. Coverting Engine 41 to a flammable liquid apparatus.

3. Converting of No. 3 Aerial from mechanical to fully hydraulic operation.

4. Complete overhaul of Engine No. 3.

5. Received and put into service two 100 Gal. Pumpers at No. 8 and No. 9 Stations, and a 85 ft. Aerial Ladder Truck at No. 4 Station.

6. Purchase of an International step van to be made into a Rescue Squad. Designing and building of this unit was done in our Fire Department repair shop.

7. In addition to routine service, maintenance and repair calls, annual service tests were conducted on all pumpers and fire hose.

I wish to take this opportunity to extend my appreciation for your guidance and for the cooperation of all fire department personnel during my first year as head of the Bureau of Maintenance.

Respectfully yours,

James C. Olson, Captain Bureau of Maintenance