

MADISON FIRE DEPARTMENT

MADISON, WISCONSIN

1958 ANNUAL REPORT

CHIEF EDWARD JOSEPH PAGE

A M M UDAL.

Fire Depertment

MADISON, WISCONSIN

ENDING DECEMBER 31, 1958

Mayor Ivan A. Nestingen, Members of the Common Council, Board of Police and Fire Commissioners

Madam and Gentlemen:

In compliance with Section 6.15 of the General Ordinances of the City of Madison, the One Hundred and Second Annual Report of the Madison Fire Department is presented for the year ending December 31, 1958.

Several items of major importance which directly affected this department occurred during 1958 and I should like to comment very briefly on some of these.

On January 5, 1958 a natural gas explosion and fire occurred in the 200 block of North Bassett Street which was probably the most disastrous conflagration that the City of Madison has ever experienced. The esprit de corps and magnificent courage demonstrated by the officers and men of this department as well as the Police Department, Water Department and other city and county units is worthy of the highest commendation.

The approval of two Deputy Chief positions and their subsequent appointment on March 1, 1958 has proven to be one of the most efficient steps ever taken in our rapidly expanding city. These two Chief officers are assigned to the west side of the city with their headquarters at No. 4 Station. As I have pointed out in previous Annual Reports and budget presentations, the lack of sufficient Chief officers has presented many problems in the past years as the city and the department have rapidly expanded. Additional officers of this rank are needed for adequate coverage on the east side of our city and their approval will again be requested in our 1960 budget requests.

On September 1, 1958, No. 9 Fire Station was constructed at a cost of \$155,606.00, exclusive of furnishings, and was officially opened with authorized personnel of one officer and 8 privates on each shift. With this station in operation, the fire protection and rescue operations available to the citizens of the west side of Madison has been appreciably increased.

Our Capital Budget requests for 1959 included the programming for construction of Station No. 10 in the general area of Sherman Avenue and Troy Drive. The Common Council has however, delayed our requests for this very important new construction until 1963. In view of the ever expanding area and rapidly growing population in this section of the city, it is my opinion as well as the opinion of my staff officers that the Mayor and Common Council should reconsider their decision and move the construction date of Station No. 10 up to the year 1960 or 1961.

The cooperation that has been given this department by the Mayor, member of the Common Council and the Board of Police and Fire Commissioners during the past year has been very gratifying. It is deeply appreciated by all concerned. I also want to express my appreciation to all officers and members of the Madison Fire Department for their efficient dispatch of duties and untiring efforts in promoting the efficiency of this department.

The Fire statistics and activities of our various Bureaus are given on the following pages.

Respectfully submitted,

Chief Edward Joseph Page Madison Fire Department

LOSS OF LIFE & PROPERTY



FIRE LOSS



MONTHLY FIRE LOSS RECAPITULATION

Alarms Attended - 1958

Toniomiz	\$194,230.91
January	
February	6,479,69
March	20,233.54
April	131,071.07
May	10,315,28
June	55,945.12
July	2,978,98
August	8,081.07
September	5,186,93
October	4,925.15
November	31,004.24
December	34,646.79

TOTAL FOR ALARMS ATTENDED

\$505,098.77

Alarms Not Attended - 1958

January February March	3,818.10 3,618.63 12,490.89	
April	2,768,06	
May	2,666.76	
June	4,609.64	
July	2,656.30	
August	1,793.67	
September	1,845.68	
October	2,359,31	
November	1,684,90	
December	2,583.02	
TOTAL FOR	ALARMS NOT ATTENDED	\$42,

TOTAL FIRE LOSS - 1958

\$ 42,894.96

\$547,993.73**

**This figure is subject to change as additional losses for 1958 are reported.





* Total insured loss for year 1958 is incomplete.

AVERAGE PER CAPITAL FIRE LOSS \$2.37

ALARM & FIRE FREQUENCY



FIRE AND ALARM FREQUENCY

10-Year Experience



Number of Fires



ALARMS BY HOUR





			ALARM	ALARMS N							
		In	Buildings	3		Grass	All			Specials	Total
MONTH	Dwelling Occup.	Public Bldgs.	Mercan- tile	Mfg.	Misc.	Brush Dumps	Other Fires	False Alarms	Mistaken Alarms	And Inves.	Number Alarms
January	23	4	7	0	2	0	9	4	3	14	66
February	29	l	9	l	l	0	13	8	4	7	73
March	31	4	4	0	2	24	17	6	l	13	102
April	29	3	10	0	0	43	22	5	3	10	125
May	23	2	4	2	l	9	24	3	3	15	86
June	17	1	lı	4	1	1	10	4	1	13	53
July	18	0	l	0	2	10	12	l	0	14	58
August	10	2	3	0	0	16	18	3	0	14	66
	14	1	7	1	1 1	3	17	10	2	20	76
September	22	1	ц Ц	0	l	1	29	4	3	12	77
October	22 26	0	7	2	2	lı	20	11	3	15	87
November		0	1	2	6	1	9	4	5	18	88
December	39		4	6++	_						
TOTAL	281	19	61	12	19	109	200	63	28	165	957

ALARM CLASSIFICATION

ALARMS INVOLVING FIRES: IN BUILDINGS

Public Buildings	19
Dwelling Occupancies	266
Mercantile	52
Manufacturing	12
Miscellaneous Buildings	43
TOTAL FIRES - BUILDINGS	392

PUBLIC BUILDINGS

Type

Causes

11	Miscellaneous Known Causes Electric Appliances & Motors Overheated Oven Hot Ashes Undetermined Chimney, Soot Burning	3 3 1 2 1
2	Combustibles Near Heater Undetermined	l l
3	Careless Smoking Undetermined Grease On Stove	l
1	Defective Electric Wiring	l
l	Defective Electric Wiring	l
<u>1</u> 19	Defective Heater TOTAL DEFECTS	
	2 3 1 1 1	Electric Appliances & Motors. Overheated Oven. Hot Ashes. Undetermined. Chimney, Soot Burning. 2 Combustibles Near Heater. Undetermined. 3 Careless Smoking. Undetermined. Grease On Stove. 1 Defective Electric Wiring. 1 Defective Heater. 1 Defective Heater.

DWELLING OCCUPANCIES

Causes

Dwellings..... 165

Туре

Electric Appliances & Motors	24
Chimney, Soot Burning	23
Oil Burner	19
Grease On Stove	ĩú
Defective Heaters	12
Children With Matches	11
Miscellaneous Known Causes	10
Defective Electric Wiring	10
Careless Smoking	- 9
Gas & Appliances	7
Combustibles Near Heaters	6
	_
Undetermined	- 5
Chimney, Defective	3
Sparks On Wooden Shingle Roof	-
	2
Sparks Fron Incinerator	l
Explosion	l
	-
Hot Ashes	1

DWELLING OCCUPANCIES (Cont'd)

Causes

Type	analanna an	Causes
] welling (Cont'd)		Incendiary. Burning Rubbish. Careless Use of Flammable Liqs. Lightning. Overheated Oven. Fireworks. Open Lights, Flames.
Apartments	72	Oil Burner
Dormitories	3	Careless Smoking 1 Grease On Stove 1 Oil Burner 1
House Trailers	7	Undetermined 1 Thawing Pipes 1 Chimney, Defective 1 Oil Burner 2 Defective Electric Wiring 1 Careless Smoking 1
Flats	9	Chimney, Soot Burning 1 Defective Heater 1 Defective Electric Wiring 1 Oil Burner
Fraternity Houses	3	Undeterminedl Hot Ashesl Gas & Appliancesl
Rooming House	5	Defective Heater
Hotels	2	Grease On Stove 1 Careless Smoking 1
TOTAL DWELLING OCCUPANCIES	266	TOTAL CAUSES 266

	IJRCAN	TILE	
<u>Type</u>		Causes	
Office Buildings	2	Lamps & Stoves Combustibles Near Heaters	1 1
Retail Stores	8	Careless Smoking Defective Electric Wiring Defective Heater Undetermined Grease On Stove Oil Burner	3 1 1 1 1
Mercantile & Dwelling	15	Explosion. Careless Use of Matches. Lamps & Stoves. Chimney, Soot Burning. Careless Smoking. Defective Electric Wiring. Oil Burner. Combustibles Near Heater. Grease On Stove. Gas & Appliances. Defective Heaters.	1 1 2 2 1 2 1 2 1 2 1 2 1
Cleaners & Laundry	2	Miscellaneous Known Cause Careless Smoking	1 1
Large Single Occupancy	10	Defective Heater Combustibles Near Heater Rekindled Miscellaneous Known Cause Electric Appliances & Motors Defective Electric Wiring Careless Smoking	1 2 1 1 2 2
Office & Apartments	1	Electric Appliances & Motors	1
Restaurant	9	Defective Electric Wiring Grease On Stove Careless Smoking Electric Appliances & Motors	3 3 2 1
Business & Offices	2	Defective Electric Wiring Careless Smoking	l l
Tavern	-		2 1
TOTAL MERCANTILE	52	TOTAL CAUSES	52

MANFACTURING

Packing Plant..... 3 Combustibles Near Heater 2 Miscellaneous Known Cause l 1 Miscellaneous Known Cause Foundry..... l 2 Heating Equipment Careless Use of Flammable Ligds 2 Printing Shop..... 1 Electric Appliances & Motors... l Oil Burner..... Asphalt Plant..... 1 1 1 Boat Builders..... Children With Matches..... 1 Plastics 1 Careless Use of Flammable Liqds 1 Cabinets 1 Defective Electric Wiring 1 Brick Company..... 1 Defective Heater 1 TOTAL MANUFACTURING..... 12 TOTAL CAUSES..... 12

MISCELLANEOUS

Cause

Public Garage 4	Explosion Combustibles Near Heaters Oil Burner Defective Electric Wiring	1 1 1 1
Private Garage 15	Gas & Appliances Miscellaneous Known Causes Careless Use of Flammable Liqds Undetermined Burning Rubbish Children With Matches Defective Electric Wiring	1114251
Filling Stations 4	Children With Matches Electric Appliances & Motors Presumably Static Spark Defective Electric Wiring	1 1 1 1
Building Under Construction 3	Lamps & Stoves Miscellaneous Known Causes	2 1
Shed or Shack 6	Undetermined Children With Matches Defective Heater Miscellaneous Known Causes	1 2 1 2

Type

Type

Cause

MISCELLANEOUS (Cont'd)

Type

Cause

Wholesale House	l	Miscellaneous Known Causes	l
Warehouse	2	Defective Electric Wiring Oil Burner	
Lumber Yard	1	Defective Electric Wiring	1
Miscellaneous Buildings	7	Undetermined Miscellaneous Known Causes Combustibles Near Heater Children With Matches Careless Smoking	2 1 2
TOTAL MISCELLANEOUS	43	TOTAL CAUSES	

APPARATUS & EQUIPMENT

the second s					
Apparatus & Equipment	1954	1955	1956	1957	1958
2 ¹ / ₂ " Hose Laid	91,000	87 <mark>,</mark> 850	80,000	88,350	119,100
$l^{\frac{1}{2}n}$ Hose Laid	9,550	6,500	4,450	5,720	10,000
Booster Hose - Feet	88,300	89,380	97 , 150	98,400	103,250
Booster Gallons	16,598	16,564	15,399	15,560	19,369
Ladders Raised - Feet	3,085	3,980	3,184	3,926	3,986
Total Company Runs	1,215	1,091	1,126	1,158	1,474

APPARATUS AND EQUIPMENT USED --- 5 Year Experience

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 percent 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, 1958 and the date this apparatus should be retired.

APPARATUS DEFRECIATION

		DATE	ORIG.	TTFE	PERC.	AMOUNT	VALUE	DATE	YRS.
STA. NO.	DESCRIPTION	PURCH.	COST	1	DEPR .	DEPR .	12/31/58	TO RETIRI	OR SERV.
1	Sedan, Chevrolet	6/1/58	1,850	5	20	370	1,480	1963	1
$\frac{1}{1}$	Sedan, Buick	2/1/51	000و2	5	20	2,000	100 000 000	1956	7
1	1250 Gal. Pumper (American LaFrance)	9/15/48	19,756	20	47	8,890	10,866	1968	10
1	100 Ft. Aerial (Pirsch)	11/12/49	35,862	20	4쿨	14,524	21,338	1969	9
1	Rescue Squad (Chev.)	11/11/49	3,500	8	12 <u>-</u>	3,500	Gina 6400 finas	1957	9
2	1250 Gal. Pumper (Pirsch)	12/28/56	20,979	20	造	1,888	19,091	1976	2
2	1000 Gal. Pumper (Seagrave)	12/26/29	15,500	20	4 <u>1</u> 2	15,345	155	1949	29
3	Sedan (Nash)	10/29/47	1,645	5	20	1,645		1952	11
3	Panel Truck, Maint. (Ford)	1/1/54	1,130	8	12 1	706	424	1962	5
3	750 Gal, Pumper, Foam (Seagrave)	- 8/3/25	12,500	20	<u> 1</u> 코	12,500	State (653) (653)	1945	33
3	1250 Gal. Pumper (American LaFrance)	9/15/48	19,756	20	<u> 4</u> 코	8,890	10,866	1968	10
3	85 Ft. Aerial, Pirsch	2/20/50	30,862	20	4 <u>1</u>	12,479	18,383	1970	9
4	Sedan, (Chevrolet)	6/1/58	1,850	5	20	370	1,480	1963	1
4	High Pressure, (Ford)	9/15/48	2,500	8	12늘	2,500	000 000 000	1956	10
4	1250 Gal. Pumper (American LaFrance)	9/15/48	19 , 756	20	造	8,890	10,866	1968	10
4	85 Ft. Aerial, Pirsch	2/9/50	30,862	20	4클	12,479	18,383	1970	9
5	1250 Gal. Pumper (Pirsch)	12/28/56	20,979	20	造	1,888	19,091	1976	2
6	750 Gal. Pumper (General)	9/1/39	9 , 183	20	4 <u>1</u>	7,851	1,332	1959	19
6	85 Ft. Aerial (Seagrave)	2/1/58	39,692	20	4 1	1,786	37,906	1978	1
7	600 Gal. Pumper (Seagrave)	4/20/35	6 , 623	20	4 1	6,225	398	1955	24
7	Ladder Service Truck	11/20/24	9,500	20	4클	9,500	653 ett	1944	34
8	750 Gal. Quad, Pirsch		12,065	20	4불	9,772	2,293	1961	18
9	600 Gal. Pumper (Seagrave)	2/2/34	6,200	20	12 14 <u>1</u> 2	5,890	310	1954	25
9	Ladder Service Truck (Seagrave)	11/25/29	9,000	20	4클	8,910	90	1949	29
FPB	Sedan, (Chevrolet)*								
FPB	Sedan, (Chevrolet)*								
T&I	Sedan, (Plymouth)*								
	TOTALS		\$333,550			\$158 , 798	\$174,752		
	Prade T a	·····							

* Trade-In from other departments approximately every two years - Budget appropriation

PERSONNEL



PERSONNEL DISTRIBUTION

Authorized Personnel for Year 1958

Chief	1
Assistant Chiefs	3
Deputy Chief	2

Captains:

-	Line Officers:	
	Station 12	
	Relief 2	
	1/1	
	Fire Prevention Bureau 1	
	Training & Instruction 1	
	Maintenance 1	
	3	
	Total Captains	17

Lieutenants:	
Line Officers: Station 12 Relief	
Total Lieutenants	18
Fire Prevention Inspectors	7
Assistant Mechanic	l
Firefighters	164
TOTAL PERSONNEL - Fire Department	213
Office Employees	2
TOTAL PERSONNEL: Authorized Strength	215

PERSONNEL -- 5 Year Experience

AUTHORIZED MEMBERSHIP OF DEPARTMENT	1954	1955	1956	1957	1958
Police and Fire Commission	172	190	192	193	213
Board of Personnel	3	2	2	2	2
TOTAL	175	192	194	195	215
New Members Appointed	3	21	8	8	21
Retirements	0	1	1	3	0
Resignations	0	1	6	2	1
Leave of Absence	0	0	l	0	0
Dismissals	0	0	0	0	0
Disability Retirement	0	1	0	1.	0
Deaths	2	0	0	0	0
Military Leave	0	0	0	0	0
Complement Beginning of Year	175	174	194	194	195
Complement End of Year	175	192	193	195	215

PEPSONNEL ROSTER

December 31, 1958

STATION NO. 1

Chief Edward Joseph Page Asst. Chief Edward P. Durkin Asst. Chief William F. Lynaugh Asst. Chief John E. Huston Captain Erwin G. Beale Captain Vincent J. Geier Lieutenant Walter G. Ayers Lieutenant Russell A. Mani

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

Private Edwin L. Kjin Private Harold P. Klein Private Eugene G. Knudtson Private Joseph Lawrence 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 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 Harold R. Dennis

Private Orval Austin Jr. Private Robert H. Fleming Private James W. Hickey Private Walter J. Kwiecinski Private Joseph E. Martinelli Private James V. McAusland

Private Arnold C. Moen Private Francis P. Roberts Private G. Neil Rossmaessler Private James E. Spangler Private Donald J. Wilder Private Paul E. Welsch

STATION NO. 3

Captain James M. Engelberger Captain Arthur Wilcox Lieutenant Louis F. Hoffman Lieutenant Harland A. Lippolt

Private Carl E. Austin Private Lloyd W. Briggs Private Berton H. Gessler Private Kenneth R. Gibbs Private Robert A. Gruber Private James M. Gschwend Private Arthur J. Halverson Private Stanely V. Hermanson Private Leon G. Holl Private Marvin J. Kammer

Private Keith F. Lawler Private William J. Leroy Private Marvin D. Matranga Private Duane M. Roeske Private Allan N. Sherman Private Dean J. Skare Private Michel P. Sullivan Private William J. Sullivan 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 Edsel F. Kingsley Lieutenant Eldon E. Maginnis

Private Phillip J. Berhend Jr. Private Peter F. Breitenbach Private Robert P. Couture Private Walter E. Ferguson Private James E. Fraser Private James L. Gilbert Private Harry G. Klinger Private Donald D. Knutson Private Linus E. Odegaard Private Lyle D. Mepham Private W. Carson Mettel Private Roger W. Myers Private Bernard J. Reilly Private Ronald J. Reuter Private Richard H. Rossmaessler Private James H. Statz Private John R. Tappen Private Theodore L. Tauchen Private Paul R. Toltzien Private Arthur D. Wicks Private Donald R. Wilcox Private Wilbur C. Wright

STATION NO. 5

Captain Harold L. Starkweather Lieutenant Erwin M. Lichte

Private Wayne B. Austin Private Richard G. Bavery Private Donald Bingham Private James Dolderer Private Thomas D. Flynn Private Emil G. Goikovich

Private Arthur L. Hanson Private Arnold H. Horstmeyer Private Jack C. King Private Donald R. Lumsden Private Robert G. Scheer Private Glenn A. Wilcox

STATION NO. 6

Captain Arthur T. Emerson Lieutenant Oscar F. Pankow

Private Donald P. Annen Private William F. Block Private George A. Reilly Private William T. Ferger Private John H. Fiscus Private Merwyn W. Gorsuch Private Donald A. Huggins Private Donald D. Knudtson

Private Ellington H. Landsdowne Private Eugene A. Peterson Private William A. Carow Private Paul G. Reublin Private Robert M. Schumann Private Robert B. Traver Private Ralph E. Triggs Private Mel Troia

STATION NO. 7

Captain Wilson H. Donkle Lieutenant Edward J. Bokina

Private Arnold R. Andrews Private Dean R. Beyler Private Lester E. Blackmer Private William L. Clapp Private Mathew M. Coronna Private Dean G. Eveland

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 Richard Adank Lieutenant Arthur E. Spring

Private Joseph H. Bauer Private James E. Bitney Private Vernon C. Dahnert Private Clair R. Flint Private James R. Johnson Private Harland Ledding Private Jerome J. Lukas

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 Joe M. Conway Private Edward D. Durkin Private Robert E. Egener Private Carl Fiscus Private Robert H. Gessler Private Daryl J. Griffin

Private John L. Luther Private Richard L. Means Private Thomas F. Moore Private Chester A. Parker Private George W. Piernot Private Joseph D. Roberts Private Werner P. Schorr Private Charles R. White

FURLOUGH OFFICERS

Captain Edward E. Knope Captain Charles E. Hessling Lieutenant Robert L. Albright Lieutenant Kermit E. Hermanson Lieutenant Joseph J. Kerwin Lieutenant Raymond A. Martinson Lieutenant Paul G. McCallum Lieutenant Frank N. McMahon

BUREAU OF MAINTENANCE

Captain Arne W. Lerwick Asst. Mech. James C. Olson

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

BUREAU OF FIRE PREVENTION

CAPTAIN GEORGE L. STANEK



Chief Edward Joseph Page Madison Fire Department Madison, Wisconsin

Dear Sir:

Because of the unusually severe life and property loss by fire experienced in the City of Madison this past year, a brief exploration of the circumstances is indicated.

Four lives were lost by fire in the period, two as a result of a gas explosion, one in an industrial accident, and another as a result of burns suffered when a mother entered a burning home to rescue her children.

Because some claims are still in the process of litigation and not expected to be settled for some time, fire loss figures are incomplete. However, when these claims are settled and added to those already recorded, Madison will have encountered its greatest loss year in history.

Four fires, only 1% of the attended building fires in the City last year, accounted for 75% of the total loss. The greatest share of the loss was contributed by a gas explosion and ensuing fire in the vicinity of North Bassett and West Dayton Street. Twelve buildings were affected by the explosion and fire, damage to these buildings varying from a complete loss to building and contents to merely broken windows. At least 80% of this damage occurred before the notification and arrival of the Fire Department; and after arrival, until certain gas valves could be shut off, men and equipment were utilized mainly in a holding action.

Other fires which contributed greatly to the loss figures included a building used as a combination restaurant and bar, and industrial plant, and a commercial occupancy, where contents rather than the building suffered severe damage.

Previous to the year 1958 and extending back for several years, losses from fire in Madison have been comparitively low; a "big" year as just recently encountered acutely illustrates the fact that there can be no consideration of reduction fire service standards and facilities based solely on current experience of the Fire Prevention Bureau.

A detailed record of the activities of the Fire Prevention Bureau during the past year may be found on the succeeding pages of this report.

Respectfully submitted,

George L. Stanek, Captain Fire Prevention Bureau

	INSPECTIONS BY OCCUPANCY																	
	Cla	ss I	Clas	Class II		Class III		Class IV		Class V		Specials		Regular		Reinsp.		ALS
	In	Out	In	Out	In	Out	In	Out	In	Out	Įn	Out	In	Out	In	Out	In	Out
January	71	23	119	76	477	321	26	22	106	55	457	236	315	251	27	10	799	497
February	43	12	148	30	380	278	24	41	41	93	352	172	246	269	38	13	636	454
March	38	13	143	145	394	229	22	26	33	59	343	201	277	257	10	14	630	472
April	55	48	115	255	392	402	22	46	48	142	437	534	175	354	20	5	632	893
May	48	43	115	253	351	425	13	49	73	116	402	702	160	181	38	3	600	886
June	34	32	115	159	263	421	18	85	95	158	262	629	212	217	51	9	525	855
July	31	43	141	346	368	281	19	46	75	157	420	544	164	313	50	16	634	873
August	24	19	97	192	423	176	18	43	49	90	435	347	152	162	24	11	611	520
September	16	55	90	337	225	189	15	30	37	80	294	463	77	213	12	15	383	691
October	22	10	107	119	260	161	12	23	44	62	357	294	69	64	19	17	445	375
November	28	42	173	219	318	347	14	54	32	123	435	551	127	208	3	26	565	785
December	96	89	115	118	864	570	36	43	84	115	1136	775	48	143	11	17	1195	935
TOTALS	506	429	1478	2249	4715	3800	239	508	717	1250	5330	5448	2022	2632	303	159	7655	8236

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MONTH	CLASS I		CLASS II		CLAS	S III	CLA	SS IV	CLA	ss v	TOTALS		
January	20	12	116	86	149	70	21	8	64	22	370	198	
February	17	12	113	31	73	62	9	30	14	38	226	173	
March	7	11	136	152	96	36	7	12	7	15	253	226	
April	19	10	53	137	97	30	15	4	9	21	193	202	
May	12	13	61	49	88	27	2	4	29	10	192	103	
June	22	3	77	21	76	36	10	6	51	22	236	88	
July	19	10	115	67	62	52	13	4	31	51	240	184	
August	2	0	44	70	76	37	5	4	8	11	135	122	
September	6	34	37	74	36	45	2	5	0	13	81	171	
October	0	1	45	29	29	19	3	3	9	15	86	67	
November	5	9	43	29	45	47	2	17	6	28	101	130	
December	17	63	44	31	34	47	0	3	7	17	102	161	
TOTALS	146	178	884	776	861	508	89	100	235	263	2215	1825	

DEFECT BY OCCUPANCY

- 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



Chief Edward Joseph Page Madison Fire Department Madison, Wisconsin

Dear Sir:

During 1958 the members of the fire fighting force attended a total of 3464 hours of drill instruction. This total includes the drill time for each shift in each station. The station and itinerant officers were responsible for the majority of the hours of instruction with the Drill Instructor assisting in the presentation of new material, coordinating of instruction, conducting the annual examination and working with new recruits.

Changes and advancement were extended to the department in revised First Aid text by The American Red Cross, new resuscitation techniques, special broken stream nozzle information, care of mother and infant in childbirth, all text and text handout material was made current for stations and personnel and new methods for making station territory maps were instituted with necessary tools and materials to make them.

Recruit firemen were trained during the month of August in a manner that had not been attempted previously. They were trained by bringing them together morning and afternoon and orienting them in basic fire fighting fundamentals. Over forty hours of instruction were spent with them by station officers and the drill instructor. Actual handling of hose, ladders, rope and tools constituted the outside drill and for inside instruction they were given basic fire fighting information which they would need upon their first responses to fire.

All training programs which the bureau established were designed to fundamentally be practical and useable for firefighting and rescue efficiency. Special attention was given to training on the new aerial hoist mechanism at No. 1 Station and on the new aerial truck (driving, mechanism and tools) at No. 6.

Examinations were conducted by orally interviewing each fireman. Questions and observations during the exams were reduced to the individual's responsibilities of station and fire assignment. It was and is the intent of the bureau to determine, by observation and examination, whether or not each individual has acquired knowledge and understanding sufficiently to meet the requirements expected of him according to his job assignment.

Teaching methods practiced were:

- 1. By actual doing of an evolution when possible.
- 2. Film showing and re-showing with discussion as a follow-up.
- 3. Simulating fire and rescue conditions for blackboard sessions.
- 4. Constant use of current text and text handout material.
- 5. Individual and specialized training assistance where and when needed.

I wish to extend my sincere thanks to each fireman for his interest and cooperation; and, to the officers who are daily planning and teaching the courses of instruction as prescribed to them. I wish also to thank you and your secretaries for your assistance to the bureau in the many details encountered during a year of fire training detail.

Following is a chart which shows the actual drill hours spent by each shift of each station. The charted hours are listed for each of the major subjects covered with remaining subjects lumped together in the miscellaneous column.

Respectfully submitted,

Maurice T. Nason, Captain Bureau of Training & Instruction

VET INCLUDINGA 8100 C

DRILL RECORD FOR 1958 - BY STATIONS AND SHIFT - TOTAL HOURS

																				-
		STA. 1		STA. 2		STA. 3		STA. 4		STA. 5		STA. 6		.• 7	7 STA.		. 8 S TA.		TOTAL	12
SUBJECTS	A	В	A	В	A	В	A	В	A.	В	A	В	A	В	A	В	A	В	101/11	5. 14
First Aid & Rescue	14코	18 <u>1</u>	20	13	17 <u>1</u>	27 <u></u>	12 <u>1</u>	21 1	25	23	19코	17	19 <u>1</u>	32	22 <u>1</u>	12	9 <u>1</u>	5	330	19.7
Hose Evolutions	20 <u>1</u>	81/2	20 <u>1</u>	$20\frac{1}{4}$	$34\frac{1}{4}$	16	18 <u>1</u>	27	35 <u></u>	20 <u>1</u>	$16\frac{1}{4}$	10 <u>1</u>	28	36 <u>1</u>	14	23 <u>1</u>	7	9	366	21.8
Hydraulics	. 5 <u>1</u>	11	6	$10\frac{1}{4}$	18	10 <u>1</u>	141	8	171	24	29 <u>1</u>	14	7 1	10	16	9	6	5	221 ¹ 2	13.1
Ladder Evolutions	$20\frac{1}{4}$	$37\frac{1}{4}$	2	3	29	31 <u>1</u>	26 <u>1</u>	33	14코	9 <u>1</u>	23	$31\frac{1}{4}$	12 <u>1</u>	11	16 <u>1</u>	15	4클	9	329	19.7
Pump Operations	13 ¹ / ₄	21	21 <u>1</u>	15	13	17	14	18	21 <u>1</u>	$16\frac{1}{4}$	16	14쿨	28	18 <u>1</u>	19	10 <u>1</u>	4클	10	290 <u>1</u>	17.
Ropes & Knots	9 <u>1</u>	10	4	10	6 <u>1</u>	6	141	14 <u>1</u>	9	7 <u>1</u>	111	11]	8 <u>1</u>	7 <u>1</u>	12 1	144	3	7	166 <u>1</u>	9.7
Salvage & Overhaul	4 <u>1</u>	2	anai wanto	6	6	4	3	4	8	5	4	6 <u>1</u>	4	4	4	6 <u>1</u>	4000 (m/))	2	73 <u>1</u>	4.4
Text - Handout	7 <u>1</u>	9 <u>1</u>	4	10	1	2	4	6	7	.6	44	4코	5 <u>7</u>	9 <u>1</u>	31/4	9 <u>1</u>	2	4	99	5.8
Tools & Equipment	36	31	29	24 <u>1</u>	30	35	38	32 <u>1</u>	30 <u>1</u>	26 <u>1</u>	30 <u>1</u>	21	23 ¹ /2	25 1	28	36 <u>1</u>	9	8	494]22]
Ventilation & Forcible Entry	5	51	9	8	3	5 <u>1</u> 2	2	.7	3 <u>축</u>	15	7	11 <u>2</u>	3 ¹ /2	19	41	1112	4클	2	127	7.5
Water Supply	800 cm	danty cany	2		6100 (1615)	046 030	410 mm	with soul	2	istaal egen	4	1002 (42)	çinde Banip	0000 gamp		time (bin)	2		10	.5
Territory	24코	$30\frac{1}{4}$	34	41 <u>1</u>	35	24 <u>코</u>	53 ¹ / ₄	1 20 <u>1</u>	23 ¹ / ₂	39 <u>1</u>	24	30	53	40 1	31 <u>1</u>	32 <u>1</u>	20 <u>1</u>	12 ¹	570 <u>1</u>	33.6
Apparatus Practices & Driving	7	112	21	8	3	1	$6\frac{1}{4}$	6	6	1	10	15 <u>1</u>	1014	5	7 <u>1</u>	4	1	2	97 <u>1</u>	5,9
Miscellaneous**	22 <u>1</u>	15	26	20 <u>1</u>	14	29	7	23	17 1	16	2014	7	27	9	25	412	44	2호	290	17.
TOTAL HOURS	190	201	180 1	190	210	209	213	122012	2207	209 <u>1</u>	219 ¹ / ₂	194쿨	230	227쿨	204	188	771	78	3464	

* NO. 9 STATION OPINED SEPTEMBER 1, 1958 ** MISCELLANEOUS DRILLS INCLUDE:

- Fire Discussion
- Fire Aircraft
- Fire Attack
- Fire Suspicious Evidence

Fire - Simulated

Laws, Codes, Dept. Rules & Regulations Annual Examination Building Construction Natural Gas - Properties & Distribution Electrical Installations - Hazards

Reserved Equipment Promotional Study Public Utilities Review - All Subjects Sprinkler Systems & Standpipes



BUREAU OF MAINTENANCE

CAPTAIN ARNE W. LERWICK



Chief Edward Joseph Page, Madison Fire Department Madison, Wisconsin

Dear Sir:

The following is a brief summary of the activities of the Bureau of Maintenance for the year ending December 31, 1958.

In January of 1958 delivery was made to the City of Madison of a new 85' Seagrave Aerial Ladder Truck. After extensive tests were conducted on all phases of its mechanical operation and equipment, this apparatus was put into service at No. 6 Fire Station on February 1, 1958.

In June of 1958 Engine No. 4 was completely overhauled. A new piston assembly as well as sleeves, bearings, etc., were installed, all of which has increased the fire response efficiency of this apparatus.

A considerable amount of time was spent during the months of July and August making installations of equipment such as the air compressor, hose dryer, etc., at our new No. 9 Fire Station which was officially opened on September 1, 1958.

In addition to the routine service, maintenance and repair calls, which during 1958 exceeded 800, annual tests were conducted on all pumpers as well as on all sections of fire hose.

The assistance and cooperation which you and all the officers and men have given the Bureau of Maintenance during the year 1958 has been sincerely appreciated.

Respectfully submitted,

Captain Arne W. Lerwick Master Mechanic