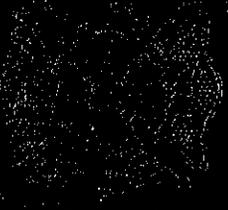


CITY OF HELENA, MONTANA

GENERAL MANAGER



City of Helena, Montana
General Manager
100 North Park Avenue
Helena, Montana 59601

GENERAL MANAGER
ANNUAL REPORT

1972

FOR THE YEAR ENDED

DECEMBER 31, 1972

BY

JOHN W. BROCKWAY, CHIEF

Mr. Walter Anderson, Manager
Members of the Commission
City of Helena
Helena, Montana

Mr. Anderson and Members of the Commission:

Following is a brief resume of the activities and programs of the Helena Fire Department for the year 1972. To go into detail would make the report too long and some of it uninteresting.

I ask that you study the report and if you have any criticism or recommendations for the fire defense of your City, I would appreciate hearing them.

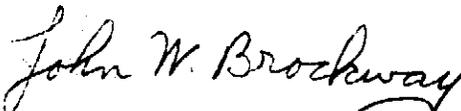
The fire loss in the City was not too great in 1972 considering the rising costs of replacement and the value of property protected, with one fire causing 46.6% of the total loss.

Through EEA the Department was able to hire one extra man and he is spending the year learning combat procedures before he goes into the Fire Prevention Bureau. A man off each shift spends a month in the Bureau while the man rotates and takes his place on combat duty.

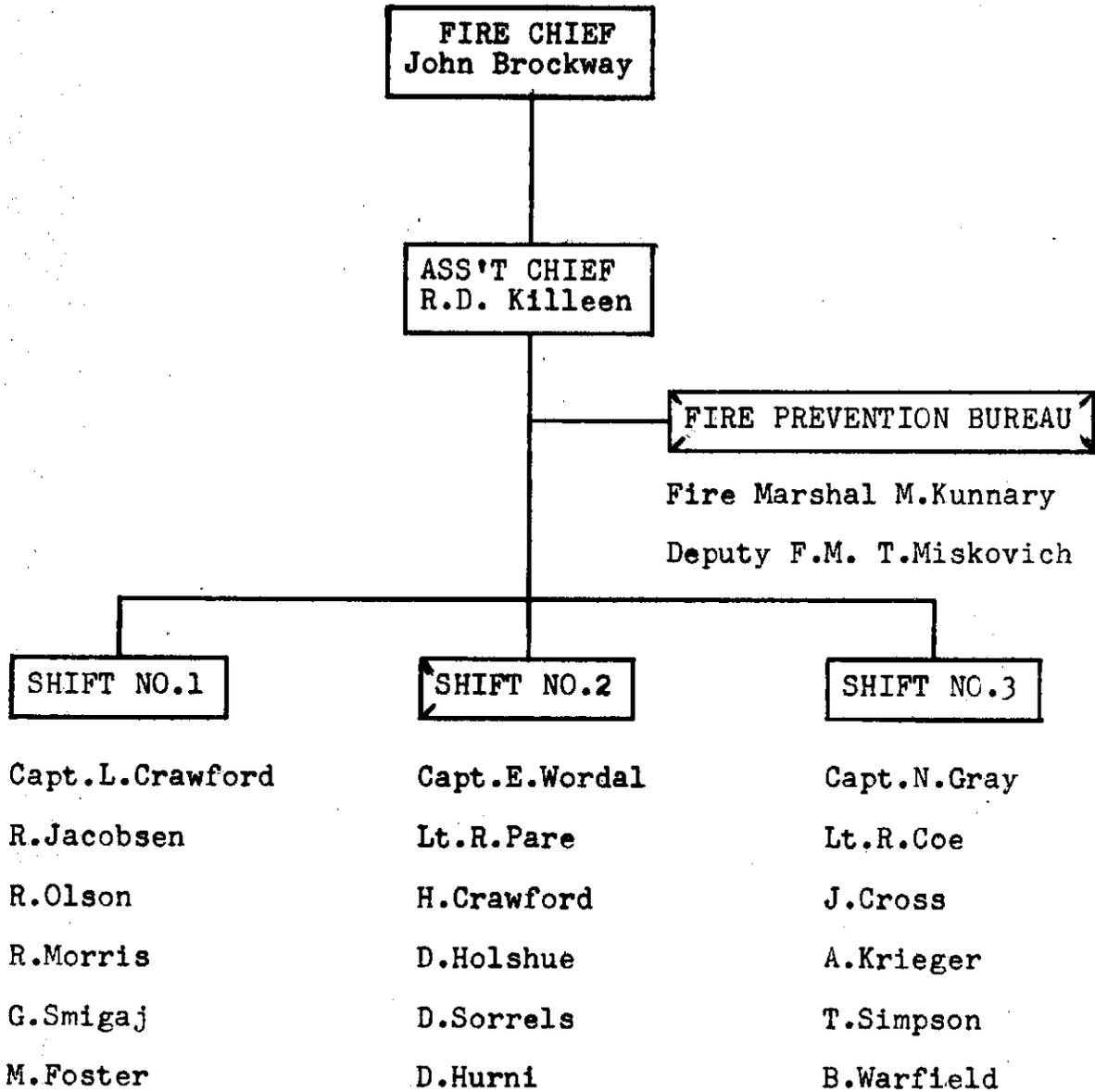
Nineteen Seventy Two was a year of change in the operations of the Helena Fire Department as you will see on reading the following reports of the Assistant Chief and Shift Captains. We are looking forward to an even smoother running Department in Seventy Three and a lower fire loss.

Once again I want to thank the citizens of Helena for their cooperation and care in keeping the fire loss down, I know almost everyone is getting more fire conscious and careful as time goes on, and this is good. I also want to thank the other departments for their help when we needed them and I know we can always depend on this help in the future. Last but not least, I want to thank the news media for their kind help in our Public Relations Programs during 1972.

Respectfully,


John W. Brockway, Chief

HELENA FIRE DEPT.



TO: John Brockway, Fire Chief
FROM: R. D. Killeen, Assistant Fire Chief
SUBJECT: Helena Fire Department Personnel

In July of 1972, a new program was set up to provide for better communications and to involve the officers and men in the operation of the Helena Fire Department. To make this program operational the following six steps were taken:

1. A Fire Department "Staff" was set up consisting of the Chief, Assistant Chief, Fire Marshal and the three Captains. The "Staff" function is financial and personnel management, research and planning, maintenance, training, communication and other activities. All operations of the Helena Fire Department come from recommendations made by the "Staff" .
2. All rules, regulations and orders are put down in writing so there is no room for misunderstanding .
3. Provide better communications between Chief Officers and Officers, between Chief Officers and men, and between Officers and men to provide better use of ideas and manpower.
4. Work has been started on a long term plan to up-grade and improve the Helena Fire Department. This plan should give the people of Helena better service and more for their tax dollar.
5. Look into setting up a "Fire Commission" made up of citizens of Helena to help and advise the "Fire Department Staff".
6. Look into, study and up-date all rules and regulations of the Helena Fire Department.

This program has been in operation only six months, some problems have come up, but with time, study and work the Helena Fire Department should become a better organization.

The Helena Fire Department has an authorization of 21 men plus one man under the E.E.A. Program. 18 members are assigned to platoons, and work a three platoon system with twenty-four hours on duty and forty-eight hours off duty, a forty-eight hour week. The Fire Chief, Assistant Fire Chief, Fire Marshal and Deputy Fire Marshal work a forty hour week.

Each platoon has an assignment of 6 personnel consisting of one Captain, one Lieutenant and 4 Firefighters. With men on vacation and men on days off this gives

an average on duty strength of 4 men. Three companies are required to be manned by each platoon (2 engine companies and 1 ladder company). We are operating companies with one and two men. Companies undermanned to this extent cannot safely and efficiently protect the lives and property entrusted to them. The A.I.A., the N.F.P.A. and the insurance services office recommend that the minimum on duty manning of any fire company be 5 men. The Helena Fire Department would require 15 men on duty at all times.

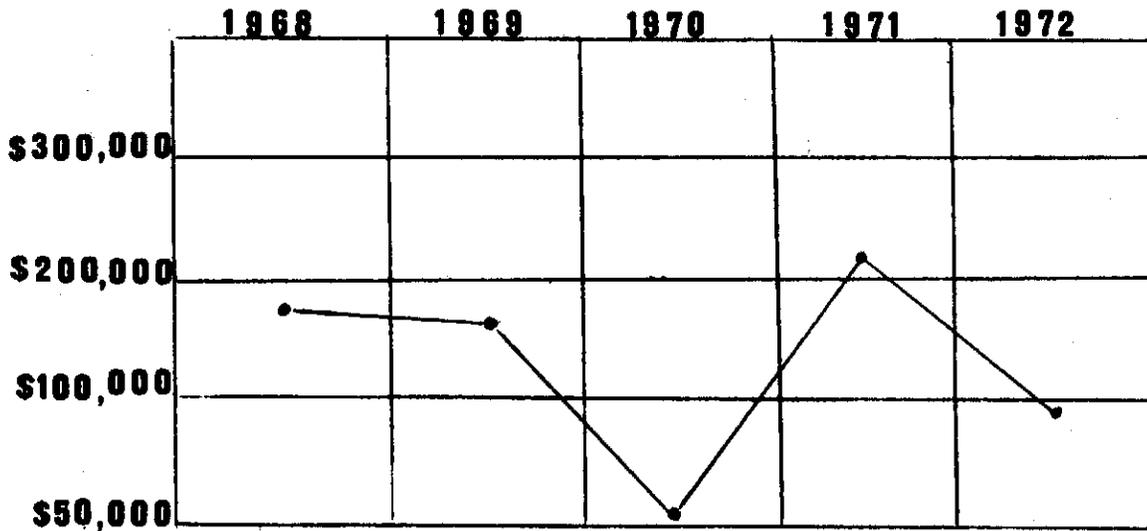
The City of Helena has enjoyed a steady growth and expansion while the City of Helena's Fire Department has remained the same. With this in mind, I feel we must request support from the City Government and the Public in the up-dating and expansion of the Helena Fire Department.

Respectfully submitted,

R. D. Killeen

R. D. Killeen
Assistant Fire Chief

ANNUAL FIRE LOSS FIVE YEAR PERIOD



1968-----\$186,769.00
 1969-----\$176,655.00
 1970-----\$51,762.00
 1971-----\$222,854.00
 1972-----\$94,676.14

LARGE LOSS FIRES DURING FIVE YEAR PERIOD

Grandon Hotel-----1968-----\$90,097.00

Claflin Furniture-----1969---\$74,048.00

No large fires in 1970

Six large loss fires in 1971:

J. M. McDonalds----\$46,824.51
 Silver Spur Lounge--\$40,000.00
 Helena Senior Hi----\$30,236.24
 Helena Electric Co.--\$29,500.00
 Reber Co. Warehouse--\$25,000.00
 Flory Shoe Co.-----\$24,002.78

The Auction Barn and Superior Coach Sales--1972--\$40,000.00.

TO: Fire Chief Brockway

January 8, 1972

FIRE PREVENTION BUREAU STATUS REPORT
1972

The year of 1972 was a very productive year for the Fire Prevention Bureau. It is the goal of the Bureau to eliminate property and life loss through the prevention of fire. This can only be accomplished with the cooperation of all persons in the City of Helena.

In previous years, the Bureau has operated under the Fire Prevention Code as set forth by the American Insurance Association. This year the City of Helena adopted "The Uniform Fire Code" as City Ordinance No. 1852. This Code is designed to be used with the Uniform Building Code which is also a City Ordinance that is used by the City Engineering Department. With the adoption of this Code, many discrepancies between the Codes of the Fire Prevention Bureau and the Engineer's Office have been alleviated.

The Uniform Fire Code sets forth conditions and operations which are considered hazardous and requires that such conditions or operations have a permit from the Bureau. The permit informs the Department of such hazards their locations and severity. Application for a permit also requires approval of the Building Department therefore bringing to the attention of both Departments any requirements that are to be met before occupancy or operation are allowed for each specific hazard covered under either the Uniform Fire Code or the Uniform Building Code.

The City of Helena also at this time has in effect City Ordinance 1786, which is the National Fire Protection Association pamphlet No. 101, "The Life Safety Code" 1967 edition. This Code is also a law of the State of Montana. Through mutual agreement with the Bureau and the City Building Department, the Life Safety Code is used only as a reference source as all requirements under this Code are amply covered under the Uniform Building and Uniform Fire Codes and several discrepancies do exist between them and the Life Safety Code. It is only through continuing cooperation and efforts between the Helena Building Department and the Helena Fire Prevention Bureau that our ultimate goals can be achieved.

The duties of a Fire Prevention Bureau are outlined in N.F.P.A. pamphlet 4B, and it is our desire to eventually establish a Bureau that can efficiently meet these standards. These duties include such things as: Fire Investigation, issuing permits for hazardous

conditions and operations. Reviewing plans for all public or commercial buildings, public education in the field of fire prevention, inspect all public or commercial buildings yearly and those that require permits at least twice a year. Seasonal campaigns and maintaining records of all activities of the Helena Fire Prevention Bureau.

We hold a Spring Clean-up Campaign in cooperation with the merchants and service clubs in the City of Helena with posters and displays.

In 1972 we made inspections of all dwellings in the City with four or more rental units under a program sponsored by the Mutual Insurance Alliance. The Program was called "Operation Adept" which stands for Apartment Dwellers Emergency Preparedness Training". At the time of these inspections, pamphlets about the program and advice on what to do in the case of an emergency or fire were distributed to the tenants of each building. These inspections were started in August and are just now completed with follow-up inspections to continue until we have gained the cooperation of the owners and the buildings are brought to a reasonable safe condition. We hope thru this program to make our town a much safer place to live along with informing the tenants of fire prevention and emergency measures in case of an emergency.

October 8-13 marked Fire Prevention Week across the Nation. It is declared annually by the President and recognized Nationally and throughout Canada. The major portion of our Fire Prevention Week Activities are aimed at the youth of the Community with posters and displays, radio talks, television talks, and articles in the local paper directed at the general public. This year we started out the week with a pancake breakfast sponsored by Leasing Inc. and open to the public. The program was headed by Capt. Lee Crawford with most of the men on the Department participating. It was a lot of fun and we hope to make this an annual event at the Station. At this time we also had all our displays set up so that the people who were in attendance could see them and ask any questions they might have about home fire prevention.

For Fire Prevention Week, we invited all the second grade classes in the City to visit the Fire Station for an equipment demonstration and a visit through the Station with short talks by the "On Duty" personnel about the Station and their duties and a talk by the

Fire Marshal about false alarms, explosives and blasting agents and home fire safety. We distributed to all first, second and third graders a program called "The Junior Fire Marshal" which is sponsored by the Hartford Insurance Group. This includes balloons, stickers and a "Home Inspection Blank". The second grade class which participates the best in a home fire inspection with their parents is awarded a Junior Fire Achievement Award. The fire through these types of inspections which are prevented, cannot be estimated, but I cannot help but feel it is an important part of our overall Fire Prevention picture. Thursdays' of Fire Prevention Week are spent by all personnel off duty in supervised fire drills and inspections of all schools in the City of Helena.

It is the duty of the Fire Marshal and the Fire Prevention Bureau to investigate all fires of a suspicious origin or any fire resulting in the loss of life. In 1972 there were Thirty-four fires that were investigated by the Bureau with two of these resulting in a death.

The Bureau also checks all plans for public and commercial buildings that are to be built in the City. And in cooperation with the City Building Officials, inspect such buildings for occupancy permits.

The Bureau uses men from the line companies to assist in making inspections of all public buildings during the winter months when the men are not on vacation. These inspections are only to detect fire hazards and inform tenants of any problem in this line and does not get involved with the more technical aspects of the Bureau, such as writing orders, issuing permits or filing complaints. The men will refer any condition they feel is dangerous and would question back to the Bureau for a reinspection.

This year we have taken one man per month from the line companies to work in the Bureau with the Fire Marshal. This is to familiarize each member more with the activities of the Bureau. It is hoped that through this Program the men will become more interested in Fire Prevention and the efforts of the Bureau. This will also familiarize each man with the use of codes, and laws and therefore give them a broader knowledge of the fire prevention laws and thus upon returning to the line of duty will be able to make a more complete inspection when called upon to do so.

The Bureau maintains a complete set of files on all activities undertaken by the personnel of the Fire Department in ways of Fire Prevention as well as the activities conducted by the Bureau itself. These files include all fire investigations, orders given, recommendations, inspections reinspections and a complete inspection folder on each building that is inspected by the Bureau. The folder contains information on the structure such as height, exposures, type of construction, and many other items that are of help to the line companies in training and pre-planning fire fighting activities for the building.

We are looking forward to a very productive year in the Fire Prevention Bureau in that the new programs and procedures that have been set up between the Fire Prevention Bureau and the City Building Department will greatly increase the effectiveness of our code enforcement program. These changes should be of great help to both Departments and also increase efficiency in each.

Therefore it is with eagerness that I look ahead to 1973 for a better, more well informed Fire Department and a much better fire prevention program.

Your's for Better Fire Prevention,

R. Matt Kunnary
R. Matt Kunnary, Acting Fire Marshal
Helena Fire Prevention Bureau

TO: John Brockway, Chief

FROM: Norm Gray, Captain - Building Maintenance Officer

As Building Officer, it is my duty to set up schedules for building maintenance and see that there are supplies for this purpose. An average of five (5) to ten (10) man hours a day are put in for keeping the building in a clean and presentable condition.

Thursday and Friday of each week are set aside for complete cleanup of the building. This entails mopping all floors, dusting and washing all windows. We feel that the building has been kept up as well as it can be, and with the exception of periodic painting, is a part of the City that we can be proud of.

My recommendations for the coming year are as follows:

1. We are short of apparatus space. If we are able to get a new aerial ladder truck and a new pumper, the old equipment should be kept as reserve apparatus. By keeping old equipment, we will have to increase the apparatus floor.
2. By extending apparatus floor, new quarters, - kitchen space and office space will have to be built. In my opinion, this can best be accomplished by building a second story on the present station. We can then knock out walls and use the complete ground floor for apparatus and equipment space. Fire Department quarters and office space are too small for efficient operation.

I sincerely hope that these recommendations be given consideration so that we may continue up-grading our Department.

Respectfully submitted,



Norm Gray
Building Officer

TO: John Brockway, Chief
FROM: Ed Wordal, Captain - Equipment Officer

As Equipment Officer, it is my responsibility to see that all fire fighting equipment excluding trucks, is maintained in good working order at all times. Therefore, we have set schedules for cleaning, testing equipment daily, weekly & etc., and if repairs are needed to see that they are made as soon as possible.

We started the year by taking a complete inventory of all equipment, checking, testing and overhauling the usable and discarding the obsolete equipment. This inventory, plus the suggestions of the entire fire department personnel, helps us to project the needed replacement of used equipment, and the addition of the new equipment needed to up-grade our Department's proficiency in fire fighting.

My recommendations for replacing and adding new equipment, shall be included in the Fire Department's Proposed Budget for the coming year.

Respectfully submitted,


Ed Wordal,
Equipment Officer

TO: John Brockway, Chief

FROM: Norm Gray, Captain, Apparatus Maintenance Officer

As Apparatus Officer it is my duty to see that apparatus is in condition to respond to all emergencies at all times. Since September 1, 1972, we have started keeping records on all apparatus. These records show work done, time in man-hours, and cost of parts. These records will help in working out budget and help to show when work was done, and when preventative maintenance needs to be done. We have apparatus serviced every sixty (60) days and tune-ups and completely checked every six (6) months.

We have all work done at the City Shops. This is one of our main problems as far as maintenance is concerned. When a piece of apparatus is being worked on at the Shops it is out of service and cannot be used for an emergency. One of my main recommendations for the coming year, is to hire a Fire Department Mechanic. If this were done, most work could be done in the Station and if a problem was small, truck could still be used for emergencies. Another reason for having our own mechanic is that he would be more familiar with the equipment. We would also have a man that could be at fires to take care of apparatus while being used. Since starting our records, we have had one hundred (100) hours of repair and maintenance on our equipment. These are hours when our apparatus is out of service and cannot be used. This period includes September 1, 1972 to January 1, 1973. This many hours of down time is not good when you consider this is only four (4) months of time.

During the year we have purchased two (2) pieces of equipment through the GSA from bids, a 1968 Rambler Ambassador Station Wagon and a 1968 Chevrolet Pickup.

Following is a list of all our apparatus:

- 1) 1946 Peter Pirsch Aerial Ladder
- 2) 1951 FWD 750 Pumper
- 3) 1962 FWD 1,000 Gal. Pumper
- 4) 1964 Plymouth Station Wagon (Fire Prevention)

- 5) 1968 Rambler Ambassador Station Wagon (Chief's Car)
- 6) 1968 Chevrolet Pickup (Assistant Chief)
- 7) 1970 International 750 Gallon Pumper

Following is a list of recommendations which we think should be considered for the coming year.

- 1) Replace 1946 Peter Pirsch Aerial. This piece of apparatus should have been replaced long ago due to the importance of it as a rescue piece of equipment. If replaced, it should be kept by the City for reserve purposes.
- 2) Replace 1951 FWD Pumper. This truck is one of our main pumpers and is getting to the point where it is not dependable.
- 3) Hire a Fire Department Mechanic. This is very important as explained above. This man would more than pay for himself in helping to up-grade our Department.

We sincerely hope that these recommendations will be considered .

Respectfully submitted:

Norm Gray
Norm Gray, Captain
Apparatus Maintenance Officer

TO: John W. Brockway, Chief
FROM: Robert L. Crawford, Shift Captain and Training Officer
SUBJECT: Training Report for 1972

Early last year we received Sony T.V. Equipment. This Equipment was obtained for us by the State Department of Public Instruction -- Fire Fighters Training Division.

This T.V. Equipment enables us to train in many new ways. We have taken pictures of all exits in St. Peters Hospital and played it back to all personnel. We also use camera when doing hose laying, pumping and ladder practice to observe and remedy mistakes. The Fire Marshal has used this type on building inspections, it also enables us and other Fire Departments in the State to tape special events and training schools and send them to us to review.

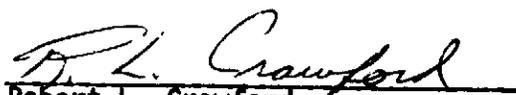
This year we were fortunate in having the State Aeronautics Division hold an Airplane Crash and Rescue School here. Eight men took this thirty-two (32) hour course. The men had a total of 2,515 hours in Class Room and Field Training. The complexity of Fire Fighting and Fire Prevention are growing every day. The need for higher learning becomes more and more a matter of necessity.

While we are making progress in training there are a great many training activities that are never applied because of inadequate facilities.

RECOMMENDATIONS

1. There is a need for a full time training officer.
2. We need some type of training facilities - such as tower, drafting pit, smoke and fire test building, where we can flow water without damage to someones property.

Respectfully submitted,


Robert L. Crawford
Training Officer

HELENA FIRE DEPARTMENT

MONTH _____ TOTALS for 1972

FIRE SERVICE TRAINING RECORD

YEAR _____

SIGNED B.L.C.

NAME	Aircraft	Sprinklers	Arson	MAIN PUMPS	BOOSTER PUMPS	AERIAL LADDER	HAND LADDER	TRUCKS (GENERAL)	RESUSITATOR	MASKS	EXTINGUISHER	HOSE REPAIR	HOSE EVOLUTIONS	ROPE AND KNOTS	OTHER EQUIPMENT	TRAINING FILMS & T.V.	FIRE PLUGS	STREETS AND ADDRESS	PREPLANNING(SKETCHS)	FORCIBLE ENTRY	SALVAGE AND OVERHAUL	FIRE STREAMS	VENTILATION	RESCUE	FIRST AID	PUBLIC RELATIONS	Muc.Fire Administration	TOTAL HOURS	
4	5			3	3				3	7	19	6			13	8	28	52	68				10						
3				3	3				4	9	31	2			13	17	10	50	12				8			3		8	
8				20	38	1			5	8	13	13	4		18	4	8	19	4			46	13	5		2	73		
				8	12	4		4	4	8	32	4			8	4	4	36	0					2		2	93		
				7	2	6	10		4	4	10	4			8	14	31	4	4	2			8	6		2	36		
				37	46	4			5	6	25	7			8	6	38	2	2			8				6	9		
				4	2				5	9	28	2			17	8	12	47	4			8				8	7		
				16	14	8			5	9	28	2			19	14	12	43	16			14				2	7		
				16	8	8	3		5	7	14	2			12	2	10	27	11			4				4	16		
				10	6	2			4	4	29	2	39		6	6	11									90	26		
				1	3				4	7	40	2	91		7		5	13								3	25		
				1	2	3			3	11	53	83			1	4	1	18	8					1					
7	14	8	156	140	36	13	4	81	96	322	38	217	30	132	13	110	385	134	2	8	102	15	6	23	120	293	2515		

Total Hours:

CONSOLIDATED MONTHLY REPORT

FIRE DEPARTMENT

For the month of December 1972

A CLASSIFICATION OF ALARMS	This Month	Last Month	This Month Last Year	This Year to Date	Last Year to Date
How Alarms Were Received:					
Red Phone Alarm	6	2	--	36	78
Telephone	26	25	19	327	279
Auxiliary and Miscellaneous	2	2	--	14	14
Total Alarms	34	29	19	377	371
FIRES					
In Buildings	5	4	4	46	54
Brush or Grass	--	1	1	39	51
Rubbish near Buildings	--	--	--	5	6
Rubbish in Vacant Lots	--	--	1	8	8
Dumps	2	3	--	5	6
Miscellaneous Fires Outdoors	2	3	--	33	29
Vehicles in Street	9	2	3	48	44
Total Fires	18	13	8	184	197
CALLS OTHER THAN FIRES					
Public Service	4	1	--	19	13
Rescue or Emergency	3	4	4	34	43
Needless Calls and Nonmalicious False	1	2	--	20	15
Accidental Alarms	1	--	--	10	11
False Alarms	1	1	--	13	15
Leaking Gasoline	--	2	2	40	39
Total Calls Other Than Fires	10	10	6	136	134
Total Alarms in City					
Fire District	1	1	1	7	9
Mutual Aid Calls	--	--	1	3	5
Total Out-of-City Calls	1	1	2	10	14
Smoke Scares and florescent lights	5	5	2	47	29
Total Alarms	34	29	19	377	371

B DIRECT FIRE LOSS	This Month	Same Month Last Year	This Year to Date	Last Year to Date
Fire Loss (Best Figures to Date)	\$4,206.50	\$4,030.00	\$94,676.14	\$222,854.72
Persons Killed by Fire	--	--	2	1
Persons Injured	--	--	7	6

C INDEX FIGURES	This Year to Date	Last Year to Date
Fires per 1000 population	1.64	1.92
Fires per \$1,000,000 valuation		
Fires per 1000 buildings		
Fire loss per capita	\$3.62	\$7.65
Fire loss per \$1,000,000 valuation		
Average Fire loss per building fire	\$1,820.53	\$3,969.66

D LOSS BY SIZE OF FIRE	This Month		This Year to Date				Last Year to Date	
	Fires	Losses	Fires	Losses	% of Fires	% of Loss	% of Fires	% of Loss
Over \$15,000	--		1	\$40,000.00	2.17	46.65	11.1	91.1
\$5,000 to \$15,000	--		2	\$13,791.00	4.39	16.08	--	--
\$1,000 to \$5,000	1	\$3,000.00	7	\$25,361.73	15.21	29.58	14.8	7.2
\$100 to \$1,000	1	\$200.00	17	\$6,139.17	36.96	7.16	27.77	1.6
Less than \$100	2	\$151.50	9	\$452.59	19.57	.53	12.96	.1
No Loss	1		10		21.74		33.33	
Total		\$3,351.50	46	\$85,744.49	100	100	100	100

Additional data used in C above: Population Valuation of Real Estate, corrected to true value \$ Buildings in city Note: Building fires and losses only are used in C and D.

E ANALYSIS OF LOSS FIGURES	This Year to Date	Last Year to Date
FIRES IN BUILDINGS		
Insurance Carried on Property Involved in Fires		
Preliminary Estimates of Insurance Losses		
Insurance Losses Adjusted	\$53,417.44	\$117,232.52
Insurance Losses Pending (Preliminary Estimates)	\$18,191.50	\$81,024.18
Estimated Uninsured Losses	\$14,135.55	\$16,105.00
Best Figures to Date	\$85,744.49	\$214,361.70
OUTDOOR FIRES (Automobiles, Grass, Misc.)		
Best Figures to Date	\$8,931.65	\$8,493.02
Totals	\$94,676.14	\$222,854.72

F CAUSES OF FIRES IN BUILDINGS	No. of Fires This Month	This Year to Date			Last Year to Date		
		No. of Fires	Loss (Best Figure)	% of Total Loss	No. of Fires	Loss (Best Figure)	% of Total Loss
1. Chimneys, Soot Burning							
2. Defective or Overheated Chimneys, Flues							
3. Sparks on Wooden Shingle Roofs							
4. Sparks on Other Roofing							
5. Defective Heaters					1	\$2,300.00	1.07
6. Rubbish Near Heaters		1	\$100.00	.12			
7. Combustibles Near Heaters		2	\$4,820.29	5.62	3	\$30,536.14	14.24
8. Open Lights, Flames							
9. Hot Ashes					1	\$1,977.04	.92
10. Oil Burners							
11. Florescent Light Transformers		2	\$50.00				
12. Careless Smoking	1	9	\$12,814.53	14.94	8	\$45,383.06	21.17
13. Children with Matches		5	\$6,350.00	7.41	6	\$1,471.89	.69
14. Other Careless Use of Matches					1	\$480.00	.22
15. Defective Electric Wiring		2	\$5,200.00	6.06	5	\$443.56	.20
16. Electric Appliances and Motors	1	3	\$112.59	.13	5	\$47,159.52	22.0
17. Home Dry Cleaning							
18. Other Use of Flammable Liquids		2	\$5,750.00	6.71	1	\$1,225.03	.57
19. Lamps and Stoves		2	\$400.00	.47			
20. Gas and Appliances					1	\$50.00	.02
21. Grease on Stoves		2	None		5	\$3,568.08	1.66
22. Spontaneous Ignition							
23. Fireworks					3	None	
24. Lightning—Rodded Buildings							
25. Lightning—Not Rodded					1	\$100.00	.05
26. Thawing Pipes		1	None				
27. Sparks from Machinery							
28. Incendiary	1	4	\$100.00	.12	3	\$25,500.00	11.89
29. Miscellaneous Known Causes	2	10	\$10,047.08	11.72	5	\$564.50	.26
30. Suspicious		1	\$40,000.00	46.65	5	\$53,802.78	25.1
31. Unknown							
Total Building Fires	5	46	\$85,744.49	100	54	\$214,361.70	100

G INSPECTIONS, FIRES, AND LOSSES BY OCCUPANCIES

Occupancy of Building	This Year to Date			Last Year to Date		
	Inspections	Fires	Losses	Inspections	Fires	Losses
I. PUBLIC BUILDINGS						
a. Government Buildings	18	3	\$537.45	12	1	None
b. Hospitals and Institutions	15			16	1	\$500.00
c. Schools	51			46	2	\$30,155.24
d. Churches	4			5		
e. Amusement Buildings	59	2	\$820.29	51	2	\$41,200.00
II. DWELLING OCCUPANCIES						
a. Hotels & Motels	34	1	\$270.18	42		
b. Lodging Houses	17			7		
c. Apartments	77	4	\$7,302.10	55	4	\$1,676.00
d. Dwellings & Mobile Homes	52	20	\$28,752.87	30	22	\$9,058.34
e. Stores and Dwellings	1				2	
III. MERCANTILES						
a. Office Buildings	258	1	None	185	1	None
b. Small Retail Stores	167	1	\$50.00	173	1	\$24,002.78
c. Restaurants	51	4	\$500.00	37	1	None
d. Large Single Occupancy Mercantiles	46			51	2	\$47,124.51
e. Multiple Occupancy Mercantiles	6	3	\$40,100.00	16		
f. Wholesale Houses	9			7		
g. Storage Warehouses	31			15	2	\$25,000.00
IV. MANUFACTURING						
a. Textile, Fabric Workers	9			1		
b. Metal Workers	17			15		
c. Wood Workers	6			2		
d. Food Products	4	1	\$50.00	2		
e. Chemical Works	2			--		
f. Flammable Liquids and Gases	2			3		
g. Multiple Occupancy Manufacturing	2			1		
h. Miscellaneous Manufacturing	16			19		
V. MISCELLANEOUS BLDGS.						
a. Lumber Yards	7			3	1	\$300.00
b. Railroad, Wharf Property	--			2		
c. Bulk Oil Storage	--			6		
d. Public Garages and Filling Stations	75	1	\$750.00	71	2	\$1,482.09
e. Private Garages	12	4	\$5,940.50	--	4	\$4,105.68
f. Miscellaneous Structures	115	1	None	138	8	\$29,757.00
Total in Buildings	1,163	46	\$85,744.49	1,008	54	\$214,361.70

H FIRES AND LOSSES BY TYPE OF BUILDING

Type of Building	Fires to Date		Losses to Date	
	This Year	Last Year	This Year	Last Year
BUILDING IN WHICH FIRE STARTED				
Fire-Resistive:				
Reinforced Concrete	1	1	None	\$500.00
Protected Steel Frame				
Not Fire-Resistive*:				
Brick or Stone Walls	9	13	\$3,602.10	\$112,139.53
Iron-Clad	--	2		\$41,225.08
Concrete Block or Tile Walls	4	4	\$1,670.29	\$1,756.06
Wood Frame	30	31	\$80,322.10	\$56,386.08
Not Classified	2	3	\$150.00	\$2,355.00
Totals in Buildings Where Started	46	54	\$85,744.49	\$214,361.70
Exposure Losses (Number of the above fires which spread to other buildings, and losses in these other buildings):				
Total Losses				

* Interior construction mostly wood or with unprotected steel members

I FOLLOW-UP ON INSPECTIONS AND OTHER FIRE PREVENTION WORK

Number of Cases in Which the Following Work Was Done	This Month	Last Month	This Year to Date	Last Year to Date
Inspections by company personnel				
Inspections by fire prevention bureau	99	69	1,163	1,008
Complaints received	1	--	28	52
Total reinspections	39	28	337	364
Violations found	54	53	930	949
Extensions of time granted	3	10	78	126
Notices of violations issued	93	45	819	640
Notices of Orders issued	5	3	90	41
Violations corrected	8	29	461	758
Conditions referred to other departments	1	1	32	54
Court actions instituted	--	--	--	4
Arrests made	--	--	--	--
Convictions				
Fire drills supervised	--	--	14	14
Radio talks	--	--	1	2
Other talks and lectures: Number	--	17	46	47
Total audience		768	1,315	1,448
Photographs taken	8	8	126	283
Tank Inspections	--	8	16	10

Remarks on inspection and other fire prevention work:

J INVESTIGATION OF FIRES	This Month	Last Month	This Year to Date	Last Year to Date
Total Fires Investigated	5	4	46	62
Determined Accidental	4	4	41	44
Determined Suspicious				9
Undetermined Origin				
Incendiary	1	--	5	9
Incendiary Fires:				
Fires for which Arrests were Made	--		--	--
Number of Arrests				
Cases in which Convictions were Secured				
Number of Convictions				
False Alarms:				
Alarms for which Arrests were Made				
Cases in which Convictions were Secured				
Misdemeanors (in connection with fires):				
Convictions				

Remarks on Investigation Work:

Fires at:

207 Cutler St. Man sleeping in abandoned house set fire to sleeping bag and old mattress. Man dissapeared. No damage.

809 E. 6th Ave. Furnace motor overheated. Damage confined to motor.

437 N. Main. Several small fires set in basement of building. Very little damage. Person or perscns unknown at this time.

1121 Knight St. Fire in basement family room. Cause, candle burning on top of TV set. Extensive damage to room.

1327 Choteau. Car in garage caused fire. One wall of garage slightly charred. Car damage moderate.

K PERSONNEL DATA

Manpower	This Month	Last Month	Same Month Last Year	Changes	This Month	This Year to Date	Last Year to Date
Total Personnel at End of Month	22	22	21	Appointments	--	1	--
Total Days Lost for Sickness	6	3	--	Resignations	--	--	--
Total Days Lost for Injury				Retirements	--	--	--
Average Daily Absences				Dismissals	--	--	--
Smallest Fighting Force on Duty	5	5	4	Deaths	--	--	--
Largest Fighting Force on Duty	6	6	6	Promotions	--	--	1
Vacancies Unfilled End of Month	--	--	--	Demotions	--	--	1
				Transfers	--	--	--

O MAN HOURS MAINTAINANCE & UPKEEP	BUILDING		EQUIPMENT		TRUCKS	
	THIS MONTH	THIS YEAR TO DATE	THIS MONTH	THIS YEAR TO DATE	THIS MONTH	THIS YEAR TO DATE
Shift number One	60	779	19	349	29	315
Shift number Two	46	643	20	362	44	371
Shift number Three	73	776	11	286	102	371
TOTAL	179	2,198	50	997	175	1,157
P MAN HOURS TRAINING	BUILDING INSPECTIONS		CLASS ROOM		FIELD	
	THIS MONTH	THIS YEAR TO DATE	THIS MONTH	THIS YEAR TO DATE	THIS MONTH	THIS YEAR TO DATE
Shift number One	24	131	74	583	14	311
Shift number Two	22	171	--	90	--	115
Shift number Three	24	154	30	587	4	181
TOTAL	70	456	104	1,260	18	607

REMARKS: Explanation or comments of importance or unusual items in sections A to P above.

Fire Loss in Fire District--best figures to date, \$6,045.45 for 1972. Not shown on page one of this report.

Fire loss reported by Insurance Companies on fires not reported to fire department, \$696.19.

Page 1--Section B, 2 and 3:
Persons killed by fire--Mrs. Mary Jane Fawcett, age 71, smoke and heat inhalation. DCA.

Mabel K. Holth, age 81, smoke and heat inhalation. DOA.

Persons injured--James Smith, burns on legs.
Ronnie Shandy, burns on Hands, Arms and Face.
Joseph Cross, Fireman, Sprained Back.
Thomas Miskovich, Fireman, Sprained Knee.
Richard Coe, Fireman, Sprained Back.
Matt Kunnary, Fireman, Sprained Ankle.
Donald Hurni, Fireman, Cut Hand.

