

Moorhead Fire Department

1976

Annual Fire Report

# Moorhead Fire Department

1120 - 1st AVENUE NORTH  
MOORHEAD, MINNESOTA 56560  
PHONE 236-6542



**GARFIELD F. ANDERSON**  
Fire Chief  
**MORRIS KELSVEN**  
Asst. Fire Chief  
**LT. MARLAN ANDERSON**  
Fire Prevention Bureau

January 1, 1977

To the Honorable Mayor and  
Members of the City Council  
Moorhead, Minnesota

Dear Council Members:

The 1976 Fire Department Annual Report represents the combined efforts and cooperation of all members of the Department.

The total fire loss for 1976 amounted to \$147,072.00. This is a decrease of \$119,468.00 or 45% less than in 1975. The total number of alarms answered in 1976 was 338, an increase over last year of 5%.

The largest single loss occurred on Sept. 5, 1976 at the Farmers Home Grocery, at a loss of \$64,000.00. Captain Larry Schons and Firefighter Lyle Gernand were hospitalized with burns from an explosion that took place during the fire. Capt. Schons was off duty for about 3 weeks.

There were no fire deaths in 1976.

Some of the high-lites of the past year are as follows:

- a. The new emergency call number 911 went into effect on March 22, 1976. We have been satisfied with the new system, however we still receive approximately 37% of our emergency calls over 233-1501, because of a misprint in the Phone book and people having the old number still posted near by.
- b. The City of Moorhead passed an ordinance adopting the Minnesota Uniform Fire Code.
- c. In April the Fire Department started a Blood Pressure Screening Program. Blood pressures are given by our Emergency Medical Technicians on Saturdays and Mondays. Approximately 883 persons used this services in the last 8 months of 1976.
- d. In April last year, the City was inspected for its municipal fire defenses by the Insurance Service Offices. On September 28, 1976 the City of Moorhead was notified that the new fire

insurance classification is Class 4, formerly a graded Class 5 applied. This represents an improvement of one numerical fire insurance classification. Listed below are Cities in the Class 3 and Class 4, all others rated class 5 to class 10.

Class 3  
Minneapolis  
St. Paul  
Rochester  
  
Fargo, ND.

Class 4  
Duluth  
Moorhead  
Mankota  
Red Wing  
Winona

Last year we graduated three more men as Emergency Medical Technicians, Don Bradlien, Ray Kline, Gary Haaland, making a total of 12 now registered and three more now attending classes.

With the help of the Clay County Safety Council, we sent out 911 telephone stickers to all Moorhead households.

The training and Fire Prevention reports are stated separately in this annual report.

I want to thank Mayor Hoberg and the City Council, and a special thank you to the members of the Public Safety Committee, for their help and direction they have given us in the past year.

Respectfully submitted,



Garfield F. Anderson  
Fire Chief

# Moorhead Fire Department

1120 - 1st AVENUE NORTH  
MOORHEAD, MINNESOTA 56560  
PHONE 236-6542



GARFIELD F. ANDERSON  
Fire Chief

MORRIS KELSVEN  
Ass't. Fire Chief

LT. MARLAN ANDERSON  
Fire Prevention Bureau

## FIRE PREVENTION REPORT

JANUARY 1, 1976 through DECEMBER 31, 1976

FIRE PREVENTION BUREAU MAN HOURS ON FIELD INSPECTIONS	<u>2,008</u>
FIRE PREVENTION BUREAU INSPECTIONS	<u>1,208</u>
VIOLATIONS	<u>399</u>
CORRECTIONS	<u>307</u>

### TIME SPENT IN THE FOLLOWING AREAS:

MEETINGS & CONFERENCES	<u>125 hrs.</u>
SCHOOLS	<u>97 hrs.</u>
FIRE INVESTIGATIONS	<u>64 hrs.</u>
FIRE SAFETY CLASSES	<u>50 hrs.</u>
FIRE DEPT. DUTIES	<u>70 hrs.</u>

SUBMITTED BY:

*Marlan Anderson*

Lt. Marlan Anderson  
Fire Prevention Bureau  
Moorhead, Minnesota

MA:ml

January 4, 1977

# Moorhead Fire Department

1120 - 1st AVENUE NORTH  
MOORHEAD, MINNESOTA 56560  
PHONE 236-6542



GARFIELD F. ANDERSON  
Fire Chief

MORRIS KELSVEN  
Ass't, Fire Chief

LT. MARLAN ANDERSON  
Fire Prevention Bureau

The Fire Prevention Bureau continued to make progress in the area of fire safety during 1976. We gained slightly in the number of man hours and inspections from the previous year. A new fire safety program was developed and introduced into the Elementary schools of District # 152 at the fourth grade level.

Fire prevention inspections are conducted mainly in commercial and industrial buildings, apartment houses, schools, churches, day care centers, nursing homes, rest homes, and in private homes if requested.

As of June 1976, 62 million dollars of property in commercial, industrial and apartment buildings was on the tax rolls. This 62 million dollars does not include personal property or inventory stock. Fire loss in these areas was \$86,000. This fire loss might very well be higher without routine fire inspections and corrections of violations.

The fire safety program in the schools is set up as a 7 day unit to be correlated with the existing health program. It is intended to have a permanent place in the curriculum. The program is introduced by fire officials in a 45 minute session. The classroom teacher then uses the prepared textbook/workbook with the students and administers a test at the end of the unit. At the final session, we show the students a movie and present certificates. One requirement in the unit is that the students with their parents conduct a home inspection and discuss an exiting plan for their home. This program was funded by contributions from the VFW Auxiliary.

# Moorhead Fire Department

1120 - 1st AVENUE NORTH  
MOORHEAD, MINNESOTA 56560  
PHONE 236-6542



GARFIELD F. ANDERSON  
Fire Chief

MORRIS KELSVEN  
Ass't. Fire Chief

LT. MARLAN ANDERSON  
Fire Prevention Bureau

After the 911 emergency number was approved, I felt it necessary that all city residents have the number close by their phone. It was possible for me to have the 911 tabs printed up through donations by the Clay County Safety Council. These tabs were mailed out to all city residents with their monthly light bills.

The total man hours spent in fire prevention was 2,008 hours of which 1,741 were mine. Two hundred sixty seven hours were divided by 3 men who work off of shift duty. I feel that more man hours and inspections must be made to have a more productive Bureau.

The City of Moorhead is expanding and with more buildings being constructed, there are more inspections that need to be made. I strongly believe the Fire Prevention Bureau is in need of another full time inspector. The Minnesota State Fire Marshall's Office feels that one full time inspector is equal to one pumper and a crew.

TRAINING REPORT 1976

In 1976 our Department totaled 675 hours of instruction in the form of evolutions and classroom training. This training was given to each of our three shifts, therefore each shift received around 225 hours of instructions. The breakdown of this training is as follows:

First Aid .....	127 hours
Pumps .....	94 hours
Pre-planning Inspections .....	85 hours
Practice fires (House burning) .....	57 hours
C P R Class .....	30 hours
River Dragging .....	29 hours
Forcible Entry .....	24 hours
General Firemanship (State Instructor) ...	24 hours
Hose Streams .....	18 hours
Arson .....	18 hours
Classroom Discussion on Fires .....	18 hours
Aerial & Ladder Practice .....	18 hours
MSA Air Masks .....	18 hours
Air Rescue Class .....	12 hours
Automatic Sprinklers .....	12 hours
Class on Natural Gas given by NSP .....	12 hours
Class on Anhydrous Ammonia .....	9 hours
Class on Light Water .....	9 hours
Fire & Electricity Class by State Inst....	9 hours
Introduction to Physical Fitness .....	9 hours
Misc. ....	<u>43 hours</u>
Total .....	675 hours

The 675 hours shown here are actual hours of training, therefore to arrive at the manhours we would have to multiply by 10, as there is 10 men on each shift, and we would come up with 6,750 man hours of training. In December we introduced a mandatory physical fitness program for all firefighters, which requires one hour of physical fitness each day, which we feel will make our department a little more physically fit and able to perform its firefighting duties to a higher degree. This report does not take into consideration the on the job training given by each officer to the men who work on his shift, as it is his responsibility to see that each man under his command continually practices and masters the requirements needed to be a good firefighter.

Respectfully submitted,

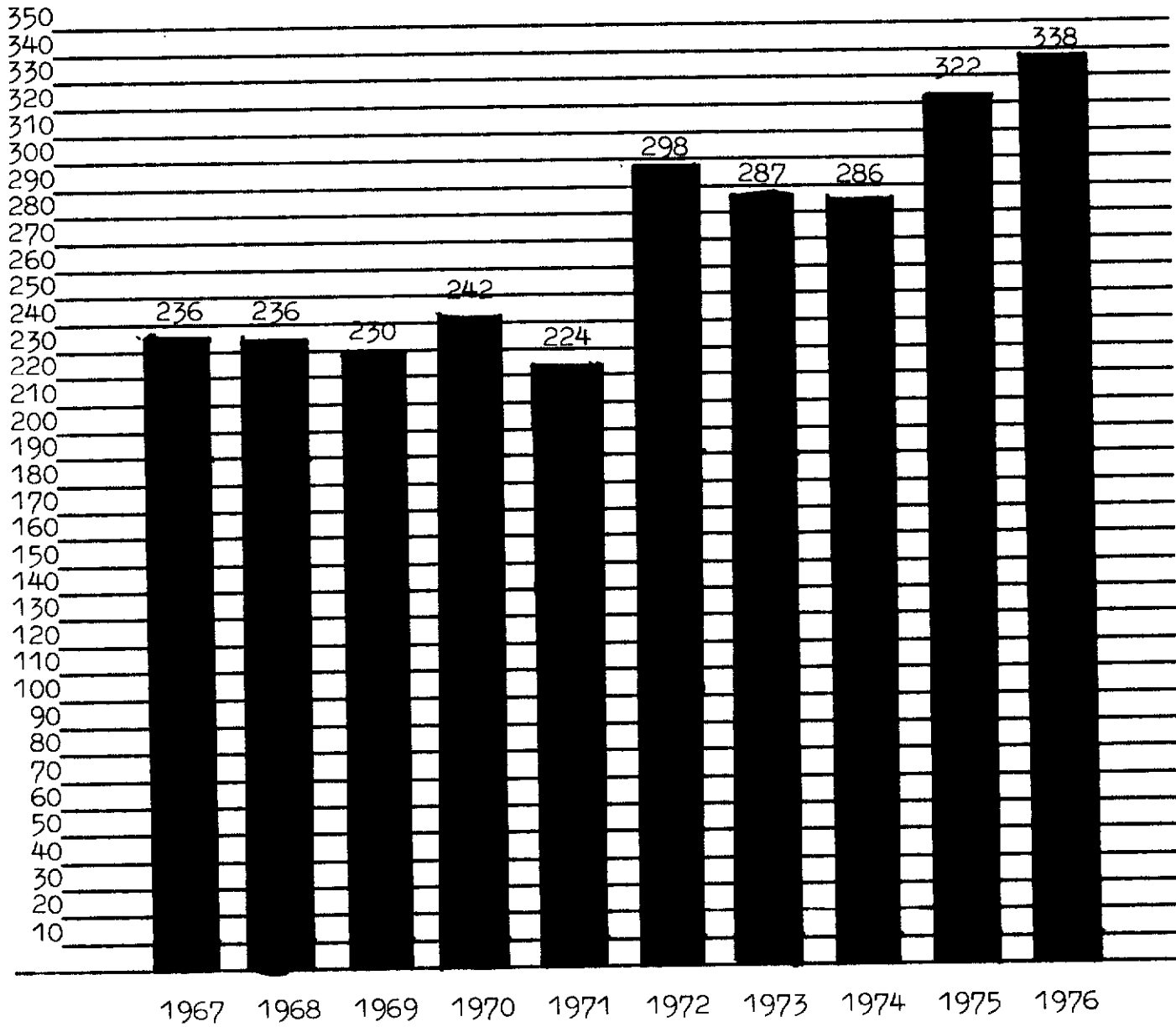
*Morris R. Kelsven*  
Morris R. Kelsven  
Ass't Fire Chief



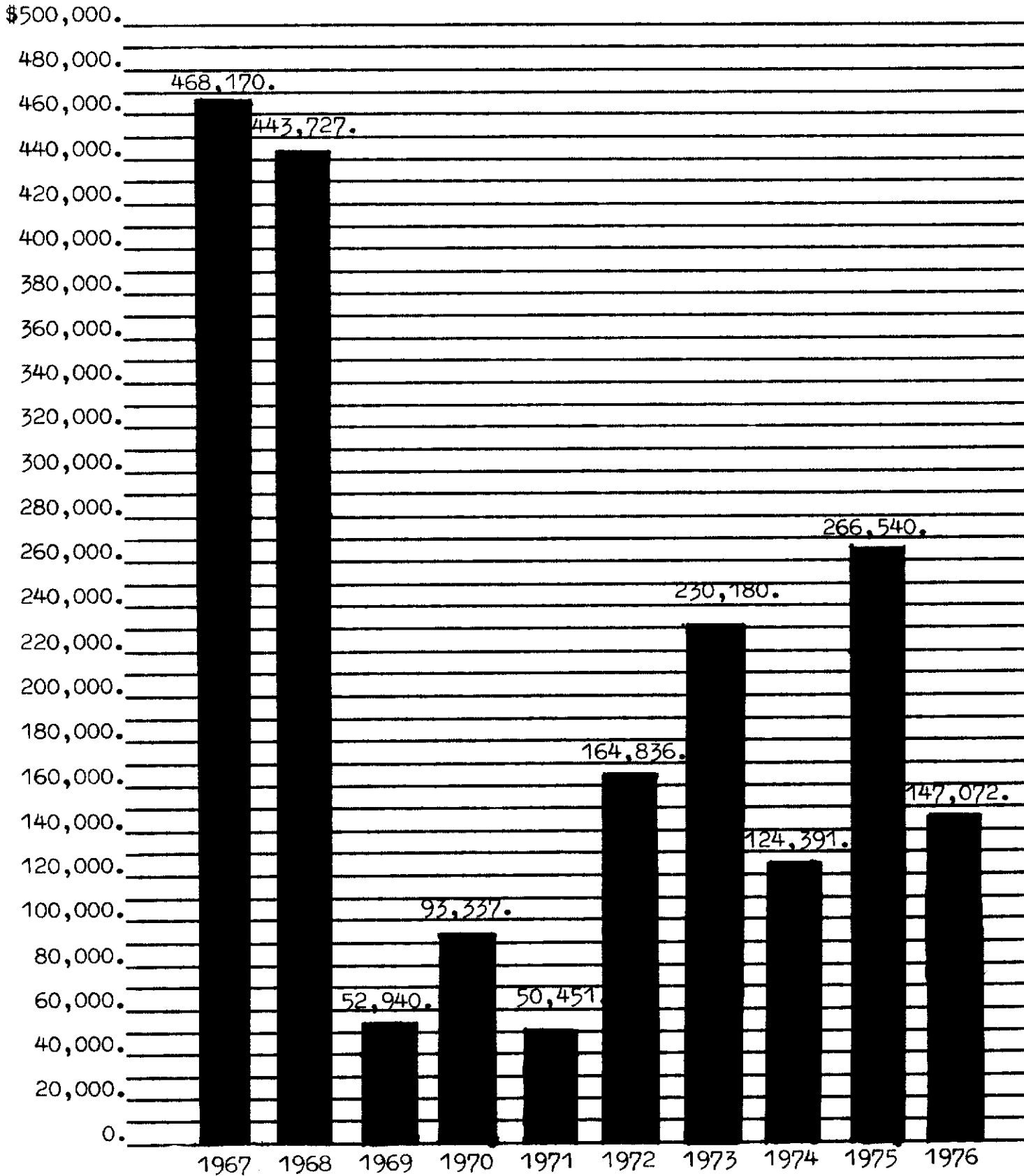
Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Public Assembly	1			3	1	1		2			3		11
Education	1	1	1	1								1	5
Institution	1			1		1	1	3					7
Residence Dwelling	9	4	7	3	6	5	5	8	11	4	10	12	84
Residence Apartment	2	3	2	2	3	3	3	4	2	3	3	2	32
Mercantile Stores	3	1	1	1	2	1	6	5	2	2	5	4	33
Offices		1								1			2
Utilities										1		1	2
Industrial Manufacture				2			2					1	5
Storage		1		1	1		1	1		2		1	8
Special Properties		1		8	6	4	5	10	7	6	4		51
Mobile Vehicles	2	1	2	5	6	5	2	7	4	6	4	3	47
First Aid	1	1			2		1			5	2		12
Rescue	---	---	---	10	---	---	---	---	---	---	7	---	71
Investigate	1	2	---	1	3	2	4	---	---	2	2	1	18
False Alarm	2	---	---	---	---	---	---	---	---	---	---	---	2
Bomb scares	---	---	---	---	1	---	---	---	1	1	2	---	5
Mutual aid								1		1		1	3
Total Alarms	23	16	13	38	31	22	31	40	27	34	36	27	338
Injurys	3			2			2				1		8
Deaths													0
Total Fire Loss	9,800	8,750	1,200	16,500	275	4,660	5,600	3,400	76,800	13,700	6,000	387	147,072.

Report of the number of alarms and the total amount of fire loss within the City of Moorhead for 1976.

Number of alarms for Moorhead for the last 10 years.



Fire loss for Moorhead for the past 10 years.







# 1976 Fire Calls

Number of alarms at time of day

0000 - 0100	██████████	10
0100 - 0200	██████████	11
0200 - 0300	██████████	9
0300 - 0400	██████	6
0400 - 0500	████	4
0500 - 0600	██████	5
0600 - 0700	████	3
0700 - 0800	████	3
0800 - 0900	██████████	13
0900 - 1000	██████████	15
1000 - 1100	██████████	16
1100 - 1200	██████████	18
1200 - 1300	██████████	16
1300 - 1400	██████████	24
1400 - 1500	██████████	30
1500 - 1600	██████████	18
1600 - 1700	██████████	15
1700 - 1800	██████████	18
1800 - 1900	██████████	12
1900 - 2000	██████████	12
2000 - 2100	██████████	21
2100 - 2200	██████████	34
2200 - 2300	██████████	17
2300 - 2400	██████	8

Total calls 338

MOORHEAD FIRE DEPARTMENT RELIEF ASSOCIATION

QUARTERLY FINANCIAL REPORT AS OF 31 December 1976 4th QTR

GENERAL FUND BALANCE BEGINNING THIS QUARTER .....	\$	<u>Zero</u>
SPECIAL FUND BALANCE BEGINNING THIS QUARTER .....	\$	<u>2,520.67</u>
RECEIPTS THIS QUARTER: 10/4/76 City of Mhd (Sept)		<u>2,232.12</u>
11/2/76 City of Moorhead (Oct) .....	\$	<u>2,218.56</u>
11/22/76 1st Nat checking .....	\$	<u>100.00</u>
12/3/76 City of Moorhead (Nov) .....	\$	<u>2,236.28</u>
12/23/76 City of Moorhead (Homestead Credit).....	\$	<u>3,582.30</u>
12/23/76 City of Moorhead (2% State Aid).....	\$	<u>28,089.03</u>
12/30/76 City of Moorhead (Mill) .....	\$	<u>10,498.46</u>
12/30/76 C of M (Dec) <del>TOTAL RECEIPTS THIS QUARTER</del> .....	\$	<u>2,663.67</u>
DISBURSEMENTS THIS QUARTER: <u>TOTAL RECEIPTS THIS QTR</u> →		<u>51,620.42</u>
Investments Purchased (Passbook) .....	\$	<u>40,000.00</u>
Retirements .....	\$	<u>8,127.69</u>
V F B A Dues .....	\$	<u>402.00</u>
Transfer (establish new checking) .....	\$	<u>100.00</u>
Office Supplies & Misc. .....	\$	<u>30.61</u>
TOTAL DISBURSEMENTS THIS QUARTER .....	\$	<u>48,660.30</u>
GENERAL FUND BALANCE END THIS QUARTER .....	\$	<u>Zero</u>
SPECIAL FUND BALANCE END THIS QUARTER .....	\$	<u>5,480.79</u>
#1 CASH BALANCE FOR CHECKING END THIS QUARTER .....	\$	<u>5,480.79</u>

		<u>BOOK VALUE</u>	<u>MARKET VALUE</u>
#2 GOVERNMENT BONDS .....	\$	<u>Zero</u>	\$ <u>Zero</u>
#3 GOVERNMENT AGENCIES .....	\$	<u>Zero</u>	\$ <u>Zero</u>
#4 CORPORATE BONDS .....	\$	<u>443,123.02</u>	\$ <u>433,359.26</u>
#5 STOCK MARKET .....	\$	<u>123,671.16</u>	\$ <u>109,462.37</u>
#6 SAVING ACCOUNTS .....	\$	<u>178,540.17</u>	\$ <u>178,540.17</u>
#7 PRINCIPAL ACCOUNT BALANCE.....	\$	<u>Zero</u>	\$ <u>Zero</u>
#8 INCOME CASH BALANCE .....	\$	<u>8,151.17</u>	\$ <u>8,151.17</u>
#9 <u>Savings Account #12274 (Am Bank &amp; Trust)...</u>	\$	<u>40,000.00</u>	\$ <u>40,000.00</u>
TOTAL WORTH END THIS QUARTER (LINES 1-9) \$		<u>798,966.31</u>	\$ <u>774,993.76</u>
INCREASE OVER LAST QUARTER .....	\$	<u>54,729.44</u>	\$ <u>75,899.26</u>
DECREASE FROM LAST QUARTER .....	\$		\$

RESPECTFULLY SUBMITTED,

*David M. Pederson*

TREASURER

Fire Department Personnel  
1976

Garfield F. Anderson, Fire Chief

Born: April 18, 1927  
Date of entrance to Fire Department: June 4, 1948 (28yrs. 7mo.)  
Date appointed to Lieutenant: January 1, 1954  
Date appointed to Captain: November 1, 1958  
Date appointed to Assistant Fire Chief: January 1, 1970  
Date appointed to Fire Chief; June 1, 1974

Morris Kelsven, Assistant Fire Chief

Born: October 28, 1935  
Date of entrance to Fire Department: October 31, 1958 (18yrs. 2mo.)  
Date appointed to Lieutenant: January 1, 1970  
Date appointed to Assistant Fire Chief: July 1, 1974

R. Donald Dawson, Captain

Born: November 19, 1926  
Date of entrance to Fire Department: July 7, 1952 ( 24yrs. 6mo.)  
Date appointed to Lieutenant: November 1, 1958  
Date appointed to Captain: January 1, 1970

Raymond L. Rasmussen, Captain

Born: August 9, 1921  
Date of entrance to Fire Department: November 5, 1952 (24yrs. 2mo.)  
Date appointed to Lieutenant: December 15, 1964  
Date appointed to Captain: January 1, 1970

Larry Schons, Captain

Born: March 3, 1929  
Date of entrance to Fire Department: April 15, 1957 (19yrs. 9mo.)  
Date appointed to Lieutenant: August 1, 1969  
Date appointed to Captain: Febuary 1, 1970

Gene Wasfaret, Lieutenant

Born: May 26, 1937  
Date of entrance to Fire Department: June 9, 1959 (17yrs. 7mo.)  
Date appointed to Lieutenant: Febuary 1, 1970

Dean Nelson, Lieutenant

Born: June 4, 1934  
Date of entrance to Fire Department: August 15, 1961 (15yrs. 5mo.)  
Date appointed to Lieutenant: January 1, 1974

Lloyd Emerson, Lieutenant

Born: January 19, 1940  
Date of entrance to Fire Department: February 1, 1962 (14yrs. 11mo.)  
Date appointed to Lieutenant: July 1, 1974  
National Registry of Emergency Medical Techicians: June 20, 1972

Marlan Anderson, Lieutenant ( Fire Prevention Bureau )

Born: May 12, 1936  
Date of entrance to Fire Department: February 1, 1966 (10yrs. 11mo.)  
Date appointed to Lieutenant: March 15, 1974

Ordell Leines, Firefighter

Born: June 30, 1936  
Date of entrance to Fire Department: February 1, 1962 (14yrs. 11mo.)  
National Registty of Emergency Medical Techicians: January 22, 1974



Martin Soeth, Firefighter  
Born: January 7, 1938  
Date of entrance to Fire Department: May 1, 1962 (14yrs. 8mo.)  
National Registry of Emergency Medical Technicians: January 22, 1974  
Registered Scuba Diver: September 1, 1975

Albin Nelson, Firefighter  
Born: November 18, 1936  
Date of entrance to Fire Department: September 15, 1962 (14yrs. 4mo.)

Donald O. Johnson, Firefighter  
Born: October 20, 1941  
Date of entrance to Fire Department: January 1, 1964 (13yrs. 0mo.)  
National Registry of Emergency Medical Technicians: December 31, 1974

David Pederson, Firefighter  
Born: March 23, 1942  
Date of entrance to Fire Department: January 1, 1965 (12yrs. -mo.)  
National Registry of Emergency Medical Technicians: June 20, 1972

Gary Schulz, Firefighter  
Born: August 4, 1942  
Date of entrance to Fire Department: August 1, 1969 (7yrs. 5mo.)  
National Registry of Emergency Medical Technicians: December 31, 1974

Lynn Hulst, Firefighter  
Born: November 9, 1944  
Date of entrance to Fire Department: ~~Jan~~ <sup>APRIL</sup> 1, 1970 (6yrs. 7mo.)  
Minn. Registry of Emergency Medical Technicians: November 28, 1975

Donald Bratlien, Firefighter  
Born: April 12, 1943  
Date of entrance to Fire Department: August 1, 1970 (6yrs. 5mo.)  
National Registry of Emergency Medical Technicians: December 31, 1976

Lyle Gernand, Firefighter  
Born: April 24, 1946  
Date of entrance to Fire Department: August 1, 1970 (6yrs. 5mo.)  
E.M.T. school now *MAR 70*

Gary Haaland, Firefighter  
Born: September 30, 1942  
Date of entrance to Fire Department: August 1, 1970 (6yrs. 5mo.)  
National Registry of Emergency Medical Technicians: December 31, 1976

Raymond Kline, Firefighter  
Born: September 18, 1942  
Date of entrance to Fire Department: August 1, 1970 (6yrs. 5mo.)  
National Registry of Emergency Medical Technicians: December 31, 1976

Ronald Mutchter, Firefighter  
Born: March 12, 1949  
Date of entrance to Fire Department: August 1, 1970 (6yrs. 5mo.)  
National Registry of Emergency Medical Technicians: March 1976

Dalan Rasmussen, Firefighter  
Born: January 22, 1947  
Date of entrance to Fire Department: August 1, 1970 (6yrs. 5mo.)  
National Registry of Emergency Medical Technicians: December 31, 1974

Jerry Shawstad, Firefighter  
Born: September 5, 1942  
Date of entrance to Fire Department: August 1, 1970 (6yrs. 5mo.)  
E.M.T. school now. *March 1975*

Harlan Halbakken, Firefighter  
Born: September 28, 1943  
Date of entrance to Fire Department: March 1, 1971 (5yrs. 10mo.)  
E. M. T. school now. *March 1975*

Harold Bradsteen, Firefighter  
Born: May 15, 1942  
Date of entrance to Fire Department: August 1, 1972 (4yrs. 5mo.)  
*March 1975*

Mike Sigdestad, Firefighter  
Born: December 11, 1950  
Date of entrance to Fire Department: February 1, 1974  
Minn. Registry of Emergency Medical Technician: November 28, 1975

Roy Simmons, Firefighter  
Born: December 10, 1951  
Date of entrance to Fire Department: July 1, 1974 (2yrs 6mo.)  
*March 1975*

Albert Bandvik, Firefighter  
Born: September 18, 1948  
Date of entrance to Fire Department: July 15, 1975 (1yr. 6mo.)

Terry Beach, Firefighter  
Born: May 11, 1950  
Date of entrance to Fire Department: July 15, 1975 (1yr. 6mo.)  
*March 1975*

Daryl Hendricksen, Firefighter  
Born: May 20, 1953  
Date of entrance to Fire Department: July 15, 1975 (1yr. 6mo.)  
National Registry of Emergency Medical Technicians: March 1976

Mike Saulsbury, Firefighter  
Born: August 19, 1950  
Date of entrance to Fire Department: July 15, 1975 (1yr. 6mo.)

Thomas Schons, Firefighter  
Born: June 14, 1952  
Date of entrance to Fire Department: July 15, 1975

Carroll Simpson, Firefighter  
Born: December 25, 1945  
Date of entrance to Fire Department: July 15, 1975 (1yr. 6mo.)