

ANNUAL REPORT
MASON CITY FIRE DEPARTMENT
YEAR ENDING DECEMBER 31, 1987

January, 1988

The Honorable Dr. Stanley C. Romans, Mayor
City Hall
Mason City, Iowa

Dear Mayor Romans:

I have the honor to submit to you herewith the Annual Report of the Mason City Fire Department for the year ending December 31, 1987. This is my eighth and the seventy-eighth annual report of the Fire Department.

This report will show in detail the record of operation, alarms, valuation, insurance, and losses of fires which the Department responded to during the year. The information contained herein is almost entirely compiled within the corporate limits of the City, and Township alarms, except for dollar figures which are based on City valuations and losses only. Mutual aid calls will appear occasionally in this report.

The fire loss for 1987, \$287,205, was less than one-half ($\frac{1}{2}$) of last year's even though we had only ten (10) less building fires and nine (9) less motor vehicle fires. We had a real exceptional year in the number of fires and the amount of fire loss dollars. The four (4) largest dollar fire losses were residential dwellings:

519 17th St. S.E.	\$35,500.00
1431 North Jefferson Ave.	\$26,000.00
20 6th St. N.E.	\$25,000.00
848 6th Place S.E.	\$30,000.00

If you wish additional information pertaining to the Department, it will be supplied to you upon request.

All insured losses herein are the adjusted losses received from the insurance adjusters whenever possible.

Respectfully submitted,



Ron Van Horn, Chief
Mason City Fire Department
Mason City, Iowa

RVH:kfv

PERSONNEL .

Mason City Fire Department
Year Ending December 31, 1988

Chief of the Department.....	1
Assistant Chief.....	1
Chief of Fire Prevention.....	1
Captain of the Department.....	3
Inspectors of the Bureau.....	1
Lieutenant of the Department.....	6
Fire Fighter First Class.....	22
Probationary Fire Fighter.....	1
Fire Department Record Clerk (Civilian).....	1
Total personnel, all grades.....	37

FIRE DEPARTMENT ORGANIZATION - 1987

DR. STAN C. ROMANS, MAYOR

COUNCIL PUBLIC HEALTH & SAFETY COMMITTEE

Roger Watson, Chairman
Mary Greenan
Larry Loeckle

Ron Van Horn

Gerald M. Tatum

Thomas O. Madden

Chief of Department

Assistant Chief
& Drillmaster

Chief of Fire Prevention
Bureau

Robert H. Arndt
Fire Department Inspector

The Department has three Battalions, each composed of:

Engine Co. No. 1
Engine Co. No. 2
Engine Co. No. 3

Engine Co. No. 4
Engine Co. No. 5
Aero Chief

Squad No. 1
Emergency Unit

BATTALION PERSONNEL

	<u>FIRST BATTALION</u>
Captain	Richard Walsh
Lieut.	Norman Chase Allen Myklestad
Fire Fighter	Roger Poohl William Trask Albert Dietz Reggie Wilson Kenneth Lincicum Mark Christiansen Raymond Wood Jerry Bergdale

<u>SECOND BATTALION</u>
George Pierson
Larry Kuhl
Fredrick Lehmann
Larry Harrington
David Balek
Kenneth Christensen
Robert Allen
Kurt Morud
Larry Meggers
George Platts
Steven Sberal

<u>THIRD BATTALION</u>
Dennis Scott
Lyle Battleson
Max Hubbard
Spencer Weaver
James Koch
Claude Funk
Randy Wedmore
Robert Skellenger
James Borger
Michael Dosen

FIRE DEPARTMENT RECORDS CLERK (CIVILIAN)

Karl Vaughn

MASON CITY FIRE DEPARTMENT

ANNUAL REPORT - 1987

-INDEX-

	<u>Page</u>
Personnel Classification.....	1
Department Organization.....	2
Personnel Addresses & Telephone Numbers.....	3
Personnel Service Records.....	4
Promotions & Appointments.....	5
Membership on Pension & Retirement.....	5
Retirements.....	5
Fire Apparatus & Motor Cars.....	6
Report of Fire Prevention Bureau.....	7
Fire Operating Report.....	9
Causes of Fire.....	10
Types of Property Involved in Fire.....	12
Emergency, First Aid & Death Calls.....	13
Schools and Drill.....	14
Report of Alarm Office.....	14
Mutual Aid Alarms.....	15
National Fire Protection Association Annual Survey.....	16
Trend of Losses, Last Ten Years.....	17
Conclusion.....	18
Recommendation of the Chief.....	19

<u>NAME AND RANK</u>	<u>DATE APPOINTED</u>	<u>TO RANK</u>	<u>YRS</u>	<u>NO</u>	<u>DAYS</u>
<u>CHIEF</u>					
Ron Van Horn	Feb 1, 56	Jun 2, 80	31	11	0
<u>ASSISTANT CHIEF</u>					
Gerald M. Tatum	Aug 16, 64	Jul 1, 80	23	4	15
<u>CHIEF OF FIRE PREVENTION</u>					
Thomas O. Madden	Jan 1, 56	Jul 10, 78	32	0	0
<u>CAPTAINS</u>					
George R. Pierson	Nov 16, 62	sep 4, 75	25	1	15
Richard M. Walsh	Jan 7, 63	Feb 12, 83	24	11	24
Dennis O. Scott	Sep 16, 63	Mar 5, 83	22	3	15
<u>INSPECTOR</u>					
Robert H Arndt	Jun 1, 63	May 5, 77	24	7	0
<u>LIEUTENANTS</u>					
Norman J. Chase	Feb 5, 64	Sep 14, 81	23	10	27
Lyle J. Battleson	Oct 16, 65	Mar 4, 82	22	2	15
Larry L. Kuhl	Apr 28, 70	Jan 12, 83	17	8	3
Max K. Hubbard	Oct 28, 70	Feb 12 83	17	2	3
Fredrick J. Lehmann	Aug 4, 70	Mar 5 83	17	4	27
Allen J. Myklestad	Feb 26, 73	Jun 7, 83	14	10	4
<u>FIRE FIGHTER FIRST CLASS</u>					
Larry P. Harrington	Jun 1, 66	Jun 1, 68	21	7	0
Roger J. Poohl	Aug 16, 66	Aug 16, 68	21	4	15
David C. Balek	Mar 1, 67	Mar 1, 69	20	10	10
Spencer W. Weaver	May 16, 68	May 16, 70	20	10	10
James J. Koch	Jun 2, 70	Jun 2, 72	17	6	29
Kenneth A. Christensen	Aug 4, 70	Aug 4, 72	17	4	27
Claude L. Funk	May 25, 71	May 25, 73	16	7	6
William L. Trask	Oct 3, 72	Oct 3, 74	15	2	27
Randy C. Wedmore	Feb 26, 73	Feb 26, 75	14	10	4
Robert J. Allen	Feb 26, 73	Feb 26, 75	14	10	4
Albert B. Dietz	Feb 26, 73	Feb 26, 75	14	10	4
Kurt W. Morud	Oct 1, 73	Oct 1, 75	14	2	29
Reggie D. Wilson	Jun 3, 74	Jun 3, 76	13	6	28
Robert L. Skellenger	Oct 8, 74	Oct 8, 76	13	2	23
James J. Borger	Sep 5, 75	Sep 5, 77	12	3	25
Kenneth R. Lincicum	May 8, 77	May 9, 79	10	7	22
Mark A. Christiansen	Dec 1, 78	Dec 1, 80	9	1	0
Raymond E. Wood	Aug 11, 80	Aug 11, 82	7	4	20
Michael M. Dosen	May 16, 81	Jan 17, 84	5	11	14
Jerry L. Bergdale	Oct 5, 81	Jun 5, 84	5	6	26
Larry L. Meggers	Mar 5, 83	Mar 5, 85	4	9	27
George R. Platts	Apr 5, 83	Apr 5, 85	4	8	27
<u>PROBATIONARY FIRE FIGHTER</u>					
Steven J. Sberal	May 5, 87	May 5, 87	0	7	26
<u>RECORDS CLERK (CIVILIAN)</u>					
Karl F. Vaughn	Oct 20, 75		12	2	11

PROMOTIONS & APPOINTMENTS

NAME
Steven J. Sberal

APPOINTED TO
Probationary Fire Fighter

DATE
March 4, 1987

MEMBERSHIP ON PENSION AND RETIREMENT

<u>DATE OF PENSION OR RETIREMENT</u>	<u>RANK HELD AT TIME OF RETIREMENT</u>	<u>NAME</u>	<u>MONTHLY GROSS INCOME</u>
Oct 1, 54	Widow of Fireman 1st C1	Mrs. W. McGrath	\$ 223.96
Oct 27, 53	Widow of Fireman 1st C1	Mrs. E. Fields	\$ 266.52
Oct 1, 54	Lieutenant	M.A. Lauen	\$ 474.67
Aug 1, 61	Fireman 1st C1	F.O. Grelk	\$ 541.04
Nov 1, 63	Widow of Chief	Mrs. A.B. Arnold	\$ 388.89
Feb 1, 64	Fireman 1st C1	L.M. Powers	\$ 550.84
Mar 2, 66	Fireman 1st C1	J.J. Carroll	\$ 550.21
Feb 1, 67	Sup Fire Prev Bureau	H.E. Schurtz	\$ 630.58
Feb 1, 69	Captain	J.K. Cunningham	\$ 682.29
Apr 18, 69	Fireman 1st C1	L.E. Gardinier	\$ 520.60
Jun 1, 70	Lieutenant	E.J. Fritz	\$ 518.61
Nov 1, 83	Widow of Fireman 1st C1	Mrs. L.A. Arnold	\$ 253.90
Jun 15, 70	Fireman 1st C1	L.H. Moore	\$ 703.76
May 1, 71	Fireman 1st C1	M.M. Dosen	\$ 483.09
Oct 1, 72	Fireman 1st C1	D.J. Reardon	\$ 508.33
Feb 11, 73	Fireman 1st C1	W.M. Berry	\$ 517.05
Aug 31, 73	Widow of Fireman 1st C1	Mrs. W.H. Cunningham	\$ 585.60
Sep 21, 74	Captain	Louis V. Rice	\$ 345.01
May 17, 75	Captain	V.A. Lauer	\$ 602.56
Apr 12, 77	Lieutenant	M.B. Gerdes	\$ 884.41
Jun 30, 78	Chief Fire Prev Bureau	J.H. Bender	\$1072.26
May 2, 80	Chief	J.H. Holt	\$ 930.79
Feb 1, 81	F.F. 1st C1	J.J. Hickey	\$ 719.78
Jun 17, 81	Lieutenant	Dan Allen	\$ 783.09
Feb 13, 82	Lieutenant	J.J. Johnson	\$ 625.42
Dec 1, 87	Widow of Inspector	Mrs. C.H. Swanson	\$ 584.66
Jan 15, 83	Captain	D.O. McDougale	\$ 901.88
Jan 15, 83	Lieutenant	D.E. Wedmore	\$ 861.29
Jan 15, 83	F.F. 1st C1	R.R. Luecht	\$ 805.51
Feb 5, 83	Captain	R.R. Blunt	\$1190.86
May 21, 83	Lieutenant	H.R. Marsh	\$1157.82
May 17, 86	Inspector	R.P. Lofing	\$ 779.14
Dec 17, 86	F.F. 1st C1	A.S. Alman	\$1106.40

RETIREMENTS

None

FIRE APPARATUS & MOTOR CARS

December 31, 1987

NOTE: All apparatus and motor cars have 3 way
Motorola radios except Emergency Unit

<u>CAR NO.</u>	<u>YEAR</u>	<u>CYLINDERS</u>	<u>MAKE</u>	<u>TYPE</u>
1	1985	4	Dodge	Chiefs Car
2	1978	8	Dodge	Fire Dept. Car
3	1978	8	Dodge	Fire Dept. Car
Engine #1	1957	6	FWD	750 GPM Cent. Pump & Booster
Engine #2	1956	6	Seagrave	750 GPM Cent. Pump & Booster
Engine #3	1983	6	Smeal Challenger	1500 GPM Cent. Pump
Engine #4	1970	6	American La France	1000 GPM Cent. Pump & Booster
Engine #5	1978	8	Pierce	1500 GPM Cent. Pump & Booster
Aero Chief	1972	8	American La France	1500 GPM Cent. Pump & Booster & 90' Elevated Platform
Squad #1	1976	8	Dodge	High pressure pump, 100 gal. tank
Water, Search & Rescue	1954	4	Willis Jeep	Emergency Unit

ANNUAL REPORT OF THE FIRE PREVENTION BUREAU
YEAR ENDING DECEMBER 31, 1987

The Fire Prevention Bureau was organized on September 1, 1937, by action of the City Council. On July 17, 1978, Thomas O. Madden was appointed Chief of the Bureau, having served as Inspector since July 1, 1970. The Bureau now consists of one (1) Inspector.

The Bureau made and supervised a total of 3023 inspections during 1987. Special effort was made during the holiday season to protect life and property in the business district and many hazards were removed and corrected as a result of the work of the Bureau. A year-round program of Fire Prevention was conducted, with special emphasis during Fire Prevention Week. Investigations were made of false alarms and fires of undetermined or mysterious origin.

BUREAU ACTIVITIES

Regular Inspections.....	2862
Re-Inspections.....	51
Special Inspections.....	110
TOTAL.....	3023
Commercial Building Inspections.....	1935
Industrial Inspections.....	52
Warehouse inspections.....	39
Apartment Inspections.....	72
Nursing Home Inspections.....	11
Theater Inspections.....	6
Hospital Inspections.....	22
School Inspections.....	79
Church Inspections.....	38
Garage Inspections.....	36
Gasoline & Oil Bulk Plant Inspections.....	3
Gasoline & Fuel Tank Installation & Inspections.....	15
Paint Spray Booth Inspections.....	10
Motel Inspection.....	13
Fire Escape Inspections.....	21
Service Station Inspections.....	17
Miscellaneous Inspections.....	654
TOTAL.....	3023

FIRE DEPARTMENT INSPECTIONS

<u>1ST BATTALION</u>	<u>2ND BATTALION</u>	<u>3RD BATTALION</u>	<u>TOTAL</u>
311	358	410	1079

CONDITIONS REFERRED TO OTHER DEPARTMENTS

Building Department.....	40
Electrical Department.....	22
Plumbing Department.....	9
Sanitary Department.....	2
Police Department.....	6
Magistrate Court.....	1
Juvenile Court.....	1

NOTICES SERVED

Orders to Comply.....	38
Compliance with Corrections Ordered.....	39

<u>BURNING PERMITS ISSUED.....</u>	<u>1390</u>
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<u>CONDITIONS INVESTIGATED</u>	<u>ORDERS WRITTEN</u>	<u>ORDERS COMPLIED</u>
Improper handling of waste material.....	3	2
Extinguishers outdated.....	22	21
Flammable liquids violation.....	3	2
New extinguishers needed.....	11	16
Fire escapes in need of repair.....	1	2
Storage blocking sprinkler.....	2	2
Hallway obstructed.....	9	9
Exit lights out.....	23	20
Improper venting of heating equipment.....	1	1
Improper electrical wiring.....	7	7
Emergency lighting out of order.....	8	8
Smoke detectors out of order.....	0	1

MISCELLANEOUS CONDITIONS

Alarm out of order.....	1	1
Improper fire escapes.....	6	6
Weeds around L P tanks.....	1	1
Smoke barrier doors improper.....	1	1
Alarm panel batteries outdated.....	2	2

ADDITIONAL ACTIVITIES OF THE BUREAU

CONDUCTED 31 INVESTIGATIONS OF FIRES: 31 CAUSES ESTABLISHED

Bureau attended classes at NIACC presented by FEMA.

Participated in providing security for Presidential candidates.

Bureau conducted classes for all Elementary School and several Day-Care centers in connection with Fire Prevention week.

Bureau attended Hawkeye safety conference in Des Moines.

Bureau attended LEPC conference in Waterloo, Iowa.

Read and approved blueprints for new construction.

Conducted fire extinguisher surveys for new businesses.

Held talks for the Day-Care centers.

Attended municipal safety meetings.

Respectfully submitted,

Tom Madson

Chief Fire Prevention Bureau

FIRE OPERATING REPORT FOR YEAR 1987

ANALYSIS OF ALARMS RECEIVED

	<u>IN CITY</u>	<u>TOWNSHIP & MUTUAL AID</u>
Verbally.....	6	1
Dispatcher.....	395	26
Automatic Alarms.....	149	3
Radio.....	29	3
TOTAL ALARMS RESPONDED TO IN 1986 ?	547	33 ? 580
False Alarm.....	150	1
Alarms received in A.M.....	238	11
Alarms received in P.M.....	341	22
Miles traveled to fire.....	1652.0	335.0
Hours worked at fire.....	266:53	40:43
Number of fire fighters responding to alarm.....	3920	132
Number of pumps operated for booster.....	49	7
Number of pumps operated for hose line.....	84	2
3" hose used (Feet).....	900	0
2½" hose used (Feet).....	900	500
1-¾" hose used (Feet).....	3300	150
Booster hose used (Feet).....	5900	2200
Booster tank used (Gallons).....	34407	5924
Hand pump used (Gallons).....	92.5	15
5# dry powder.....	1	1
20# dry powder.....	2	0
Ladders used (Feet).....	164	24
Hydrant used.....	8	1
Air Pak used - 30 min.....	56	1
E&J resuscitator used.....	6	0
Light generator used.....	19	1
500 watt light used.....	26	0
Smoke ejector used.....	53	1
Fire out on arrival.....	22	1

TYPE OF BUILDING INVOLVED IN FIRE

Reinforced concrete.....	1	0
Stone & Brick.....	3	1
Iron clad.....	2	0
Frame.....	59	3
Concrete block.....	6	0
Other than building fires.....	42	10
In automobiles, trucks, etc.....	27	2
Mobile homes.....	1	0

EXTENT OF FIRES

Confined to:		
Point of origin.....	108	12
Room of origin.....	12	0
Floor of origin.....	5	0
Building.....	12	4
Extended to adjoining building.....	4	0
Extended beyond.....	0	0

VALUATION & LOSSES

TOTAL VALUES

Buildings.....	\$7,427,400.00
Contents.....	\$1,387,750.00
Total of all property involved in fire.....	\$8,815,150.00

TOTAL INSURANCE

Buildings.....	\$7,409,800.00
Contents.....	\$1,320,850.00
Total of all property involved in fire.....	\$8,730,650.00

TOTAL INSURANCE LOSS

Buildings.....	\$ 209,412.00
Contents.....	\$ 74,364.00
Total insured loss for 1987.....	\$ 283,779.00

TOTAL INSURED AND UNINSURED LOSS

Buildings.....	\$ 216,748.00
Contents.....	\$ 80,457.00
Total insured and uninsured loss for 1987.....	\$ 297,205.00

COMPARISON OF LOSSES

Loss for 1986.....	\$ 684,460.00
Loss for 1987.....	\$ 297,205.00

AMOUNT OF LOSS PER FIRE

	<u>NUMBER</u>
None.....	64
Less than \$5.00.....	0
Less than \$100.00.....	12
Less than \$500.00.....	24
Less than \$1,000.00.....	7
Less than \$5,000.00.....	19
Less than \$10,000.00.....	4
Over \$10,000.00.....	11

CAUSES OF FIRE 1987

CAUSES OF BUILDING FIRES

	<u>NUMBER</u>
Arson.....	7
Backfire-gasoline.....	1
Blow torch-paint thinner.....	1
Child w/match-bedding.....	1
Child w/match-furniture.....	1
Child w/match-cardboard.....	1
Child w/fire works-furniture.....	1
Cigarette-furniture.....	4
Cigarette-paper.....	4
Cigarette-truck seat.....	1
Cigarette-mattress.....	1
Cigarette-Christmas decorations.....	1
Cigarette-carpet.....	1
Cigarette-grass.....	1
Candle-wax.....	1
Combustion chamber-insulation.....	1
Control failure-grease.....	1
Charcoal-trash.....	1

CAUSES OF FIRE 1987

<u>CAUSES OF BUILDING FIRES (CONTINUED)</u>	<u>NUMBER</u>
Elec lamp-wood.....	1
Elec short-natural gas.....	1
Elec short-insulation.....	4
Elec short-mattress.....	1
Elec short-gasoline.....	1
Fireplace-clothes.....	1
Faulty dryer-clothes.....	1
Friction-rubber.....	1
Hot ashes-paper.....	1
Hot stove-grease.....	8
Hot coals-creosote.....	1
Hot dryer-lint.....	2
Hot chimney-insulation.....	1
Hot stove-wax.....	1
Hot oven-plastic.....	1
Light bulb-toy.....	1
LP leak-LP gas.....	1
Match-paper.....	1
Microwave-food.....	1
Overloaded motor-insulation.....	1
Open flame-bedding.....	1
Overheated stove-grease.....	1
Pilot light-gasoline.....	1
Rekindle.....	2
Space heater-blanket.....	1
Spark-natural gas.....	1
Short circuit-insulation.....	1
Water heater-water bed bladder.....	1

CAUSES OF OTHER OUTDOOR FIRES

Arson.....	3
Cutting torch-junk.....	1
Child w/match-grass.....	2
Child w/match-wood pallets.....	1
Child w/match-paper.....	2
Cigarette-grass.....	5
Cigarette-trash.....	5
Cigarette-R.R. ties.....	1
Excessive heat-paper.....	1
Ground fault-wood.....	1
Catalytic converter-grass.....	1
Flare-rubber.....	1
Fire works-grass.....	1
Match-creosote.....	1
Match-grass.....	4
Open fire-grass.....	3
Open fire-leaves.....	1
Overloaded wire-insulation.....	1
Rekindle.....	3
Spontaneous combustion-solid chemical.....	1

CAUSES OF FIRE 1987

<u>CAUSES OF AUTO FIRES</u>	<u>NUMBER</u>
Arson.....	3
Auto elec short-gasoline.....	1
AUTO elec short-insulation.....	7
Backfire-gasoline.....	8
Cigarette-seat.....	1
Friction-oil.....	1
Faulty fuel pump-gasoline.....	1
Hot engine-gasoline.....	4
Hot exhaust-gasoline.....	1
Hot muffler-car seat.....	1
Hot muffler-brake fluid.....	1
Hot exhaust-oil.....	1

TYPES OF PROPERTY INVOLVED IN FIRES 1987

<u>DISCRIPTION</u>	
Apartments.....	9
Auto/truck.....	30
Boat.....	1
Bus shelter.....	1
Barn.....	1
Dwelling.....	33
Furniture.....	1
Furniture store.....	1
Grass/leaves.....	16
Garage.....	8
Grocery store.....	1
Junk.....	1
Locomotive.....	1
Mall.....	1
Mobile home.....	1
Manufacturing.....	1
Mattress.....	2
Pallets.....	1
Pump house.....	1
Printing shop.....	1
Restaurant.....	5
R.R. ties.....	3
Rubber.....	1
Shed.....	5
Trash.....	5
Trash container.....	5
Telephone pole.....	1
Tree.....	1
Wires.....	1
Warehouse.....	2

EMERGENCY, FIRST AID & DEATH CALLS

- January 23: On arrival found Snell's in attendance of 3 year old boy w/
apparent seizure. Stabilized & transported to Mercy by Snell's.
- March 22: Crystal Griffith, age 20, found having difficulty breathing. Given
oxygen until Snell's arrived & they transported to Mercy.
- April 21: Nelda Halverson, age 66, found trapped in auto after accident. Dept.
used AMKUS tool to free her. Taken to hospital by Snell's.
- June 30: Edith Grant, age 79, found w/Snell's in attendance. Assisted Snell's.
- July 4: Margaret Olsen, age 46, found breathing but short of breath. Given
oxygen for about 3 minutes.
- July 25: Debra Fitzgerald, freed from auto by Dept. using AMKUS. Taken to
hospital by Snell's.
- July 28: Charles Shindele, age 29, found overcome by carbon monoxide. Performed
CPR for about 10 minutes. Taken to Mercy by Snell's.
- July 31: Leo Harbacheck, age unknown, found having seizure. Given oxygen until
Snell's arrived.
- August 4: Charles Blazek, age 86, found having neck pains & blurred vision.
Given oxygen about 10 minutes. Taken to Mercy by Snell's.
- August 15: Brad Lentz, age 24, removed from vehicle after accident & transported
to hospital by Snell's.
- August 16: Marie Hansen, age 77, reported choking. Snell's in attendance on
arrival. Nothing used.
- October 3: Ron Workman, not present on arrival. Had been transported to
hospital by private automobile.
- October 16: Neal Losen found trapped in auto. Freed with AMKUS tool and taken
to Mercy by Snell's.
- November 10: Leonard Harpman, age 83, found having difficulty breathing. Given
oxygen for about 5 minutes & taken to Mercy by Snell's.
- November 11: Received call for oxygen from malfunctioning machine in nursing home.
Machine fixed prior to arrival.
- November 23: Keith Bar, age 27, trapped under pin setting machine at bowling alley.
Freed by owner of establishment. Nothing used.
- November 25: Assisted Snell's & Police in removing body from car.
- November 25 & 27: Assisted police in search of Blue Waters for body.
- December 18: On arrival found Gerald Miller having difficulty breathing. Given
oxygen for about 2 minutes & taken to hospital by Snell's.

SCHOOL AND DRILL 1987

During the year 1987, a total of 7,307 man hours of supervised school and drill time were held for the fire fighting force. This covered a variety of subjects, as follows:

- | | |
|-----------------------------|--|
| 1. Forcible entry | 10. Streets, hydrants & rules |
| 2. Ladder practice | 11. Use of smoke masks |
| 3. Salvage overhaul | 12. Drills - tower & hose |
| 4. Fire streams | 13. Driving practices |
| 5. Fire apparatus | 14. Pump drill-draft & hydrants |
| 6. Hose practices | 15. Tactical problems |
| 7. Ventilation | 16. Company inspection & review |
| 8. First aid & rescue | 17. General study, optional to
Company Officers |
| 9. Knots, tools & equipment | |

REPORT OF FIRE ALARM OFFICE - 1987

ALARM RECEIVED PER DAY AND MONTH

<u>MONTH</u>	<u>SUN</u>	<u>MON</u>	<u>TUE</u>	<u>WED</u>	<u>THU</u>	<u>FRI</u>	<u>SAT</u>	<u>TOTAL</u>
Jan	4	5	5	4	5	4	11	38
Feb	6	5	7	4	8	9	7	46
Mar	17	12	5	4	11	6	4	59
Apr	6	10	5	4	7	9	6	47
May	7	5	7	3	9	12	14	57
Jun	5	3	11	10	7	4	9	49
Jul	9	3	8	17	7	6	5	55
Aug	7	16	7	8	7	7	10	62
Sep	10	5	8	5	7	7	5	47
Oct	9	7	8	7	12	13	14	70
Nov	3	7	13	4	5	4	6	42
Dec	4	3	12	9	2	3	7	40
TOTAL	87	81	96	79	87	84	98	612

ALARM RECEIVED FOR EACH 8 HOUR PERIOD

<u>MONTH</u>	<u>8:00 AM TO 4:00 PM</u>	<u>4:00 PM TO MIDNIGHT</u>	<u>MIDNIGHT TO: 8:00 AM</u>	<u>TOTAL</u>	<u>FIRE LOSS</u>
Jan	10	16	12	38	\$ 27,250.00
Feb	19	15	12	46	15,300.00
Mar	28	21	10	59	29,313.00
Apr	23	15	9	47	32,559.00
May	20	22	15	57	9,550.00
Jun	28	15	6	49	47,141.00
Jul	23	21	11	55	56,898.00
Aug	28	17	17	62	5,600.00
Sep	9	25	13	47	2,742.00
Oct	34	25	11	70	38,477.00
Nov	16	14	12	42	31,350.00
Dec	18	10	12	40	1,025.00
TOTAL	256	216	140	612	\$297,205.00

REPORT OF FIRE ALARM OFFICE - 1987 (CONT'D)

ALARMS RECEIVED BY HOUR

<u>MORNING HOURS</u>	<u>NUMBER</u>	<u>AFTERNOON & EVENING HOURS</u>	<u>NUMBER</u>
12:00-(Midnight)-12:59	22	12:00 (NOON)-12:59	25
1:00-1:59	20	1:00-1:59	35
2:00-2:59	15	2:00-2:59	44
3:00-3:59	13	3:00-3:59	34
4:00-4:59	9	4:00-4:59	27
5:00-5:59	18	5:00-5:59	27
6:00-6:59	24	6:00-6:59	29
7:00-7:59	19	7:00-7:59	32
8:00-8:59	22	8:00-8:59	33
9:00-9:59	16	9:00-9:59	24
10:00-10:59	32	10:00-10:59	28
11:00-11:59	39	11:00-11:59	25
TOTAL MORNING ALARMS:	249	TOTAL AFTERNOON & EVENING HOURS	363

TOTAL ALARMS 612

MUTUAL AID ALARMS

Assistance to Clear Lake Fire Department	7
Assistance to Manly Fire Department	15
Assistance to Nora Springs Fire Department	1
Assistance to Rockwell Fire Department	1
TOTAL MUTUAL AID ALARMS	10

NATIONAL FIRE PROTECTION ASSOCIATION

ANNUAL FIRE SURVEY

1987

ALL ALARMS AND FILES

<u>ITEM</u>	<u>TYPE OF INCIDENT</u>	<u>NUMBER</u>	<u>ESTIMATED LOSS</u>
1.	Fires in buildings	72	\$279,407.00
2.	Fires in motor vehicles	30	14,198.00
3.	Fires in rubbish, brush	21	None
4.	Other outdoor fires	18	3,600.00
5.	TOTAL ITEMS 1-4	141	297,205.00
6.	Malicious false alarms	16	None
7.	All other alarms	455	None
8.	TOTAL ITEMS 5-7	612 [?] Says 588 TOTAL page 9	297,205.00
<hr/>			
9.	<u>FIRE CASUALTIES</u>	<u>FIREMEN</u>	<u>OTHER</u>
	Killed	0	0
	Injured	8	6

BREAKDOWN OF FIRES IN BUILDINGS

<u>ITEM</u>	<u>OCCUPANCY</u>	<u>NUMBER</u>	<u>LOSS</u>
10.	Apartments	9	\$ 13,800.00
11.	Dwellings	34	199,207.00
12.	Hotels & Motels	0	None
13.	Other residential	14	32,500.00
14.	Institutions	0	None
15.	Schools & Colleges	0	None
16.	Public Assembly	7	1,900.00
17.	Stores, offices & other commercial	3	5,000.00
18.	Manufacturing	1	1,000.00
19.	Storage	3	16,000.00
20.	Mobile homes	1	10,000.00
21.	Miscellaneous	0	None

CITY POPULATION 1980 CENSUS: 30,100

CONCLUSION

I wish to express my sincere thanks to:

- Mayor and City Council for their support and cooperation in the operation of the Fire Department.
- Members of the Civil Service Commission, the Board of Trustees of the Fire Retirement system, and to all Department Heads within the City.
- Members of the various inspection departments within the City for their cooperation and assistance to the members of the Fire Prevention Bureau.
- The Citizens of the City of Mason City for fine cooperation with the Fire Prevention Bureau and Inspectors of the Fire Department.
- Globe Gazette and radio and television stations for the liberal space and time given to the true and accurate reporting of all fires.
- Members of the Mason City Police Department for excellent cooperation.
- Each and every member of the Mason City Fire Department for promptness and efficiency in the performance of their duties.

Sincerely,

Ron Van Horn, Chief
Mason City Fire Department

RECOMMENDATIONS OF THE CHIEF

Over the last previous years, I have expressed my concern about the man-power needs, in the proper manning of the fire apparatus and of our Fire Prevention Bureau staff. The restoration, of each of our three (3) battalions, to have a minimum of eleven (11) assigned fire fighters and a three (3) member Fire Prevention Bureau, is still my recommendation for the near future.

The "Iowa Right to Know Law" and SARA (Superfund Amendment Reauthorization Act 1986) are two (2) laws that have been forced on local governments by State and Federal mandate. These laws pertain to Hazardous Materials. These laws are excellent in that they will help the general public, businesses and the fire fighters to become more safety conscious and have written plans for safe evacuation of nearby properties, in case of a mishap. These two new laws have put a considerable additional work load on the Fire Department. Ass't Chief Jerry Tatum and Chief of Fire Prevention Bureau Tom Madden are devoting about one-third (1/3) of their scheduled work time toward compliance of these new laws. These additional work loads could possibly result in lesser numbers of building fire inspections within the City by the Fire Prevention Bureau.

Again, as in the past, I realize the economic conditions in our local area **are** slow in recovering, but I feel duty bound to express my concerns considering the proper manning of apparatus and fire prevention inspections.

Respectfully submitted.

Ron Van Horn

Ron Van Horn
Chief of Fire Department