

**MOORHEAD FIRE
DIVISIONS
1987
ANNUAL REPORT**

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CITY OF
MOORHEAD
FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
(218) 299-5434

February 8, 1988

TO: Robert Erickson, City Manager
FROM: Marlan Anderson, Fire Chief *MVA*
RE: Fire Department 1987 Annual Report

The total fire loss for 1987 was \$559,544.00; this compares with \$259,717.00 in 1986, an increase of 115%. A December fire at American Crystal Sugar accounted for \$250,000.00 of the yearly loss. There were 1,113 emergency runs in 1987 as compared to 1,020 in 1986, which is an increase of 9.1%.

Incendiary and suspicious origin fires accounted for \$56,700.00 of the fire loss for 1987. The number of arson cases rose 425% from 1986.

Rescues and emergency medical responses for 1987 totalled 681, which is 63% of the total emergency responses.

There were no fire deaths in our community in 1987.

Listed below are some of the events which occurred in our department in 1987.

March: The fire departments within Clay County received three 4,000 gallon portable tanks from Clay County to be used for fighting fires within the county; the tanks are presently stored at the southside fire station.

May: Floyd Fagerlie retired after twenty years of service within Moorhead's Building Code Office.

July: The Rental Registration/Inspection Program has been in operation for one full year.

July: Gail Kennedy joined our department as a Senior Office Associate to work with the Rental Registration/Inspection Program.

July: Five reservists completed one year of basic fire fighting training and received their badges from Martin Pinkney, Mayor Pro-Tem.

August: New, fully insulated roofs were installed at the main and southside fire stations.



August: Richard Davidson joined our department as Building Official.

October: The Moorhead V.F.W. donated \$14,000.00 for the purchase of a new electrically driven Hurst tool as well as retrofitting the department's Hurst tool.

October: Sparky, the department's Dalmation, was killed during a late night emergency call.

October: The third annual Fire Fighters Memorial Sunday was held in Glyndon.

December: Alvaro Garza was miraculously rescued from bottom of the Red River.

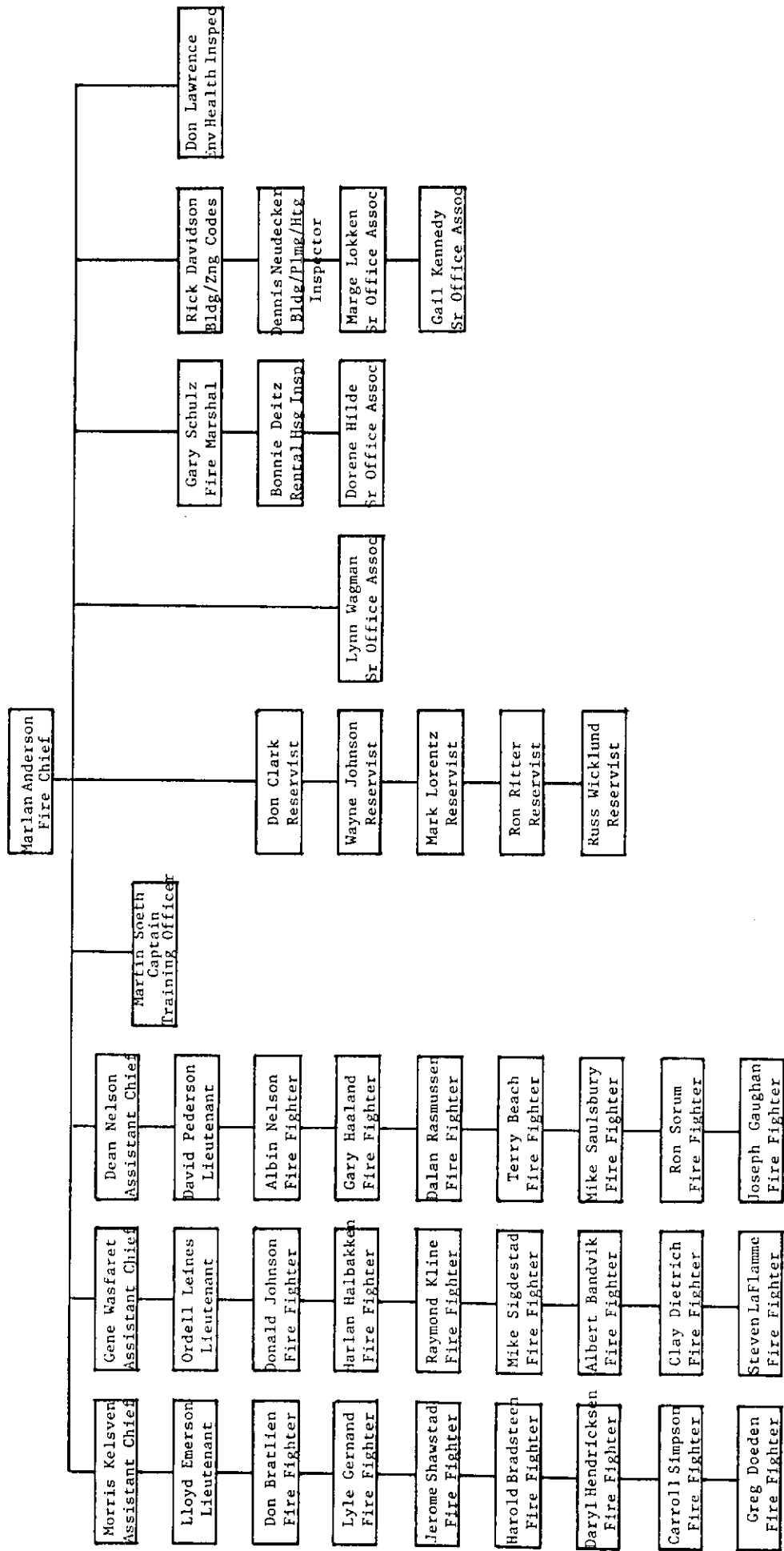
December: An explosion and fire at the American Crystal Sugar plant injured three fire fighters and one civilian.

Building permits were issued for 110 single family dwellings; this is the largest number of permits since 1978.

A very special thanks goes to the officers and fire fighters of the Moorhead Fire Department for all of their efforts to make our department an efficient one.

I appreciate the many long and productive hours put forth by Floyd Fagerlie, Richard Davidson, Dennis Neudecker, Don Lawrence, Bonnie Deitz and Gary Schulz. The results of their work is documented in this annual report. I would also like to recognize the support and quality of work produced by our clerical staff of Marge Lokken, Dorene Hilde, Gail Kennedy and Lynn Wagman.

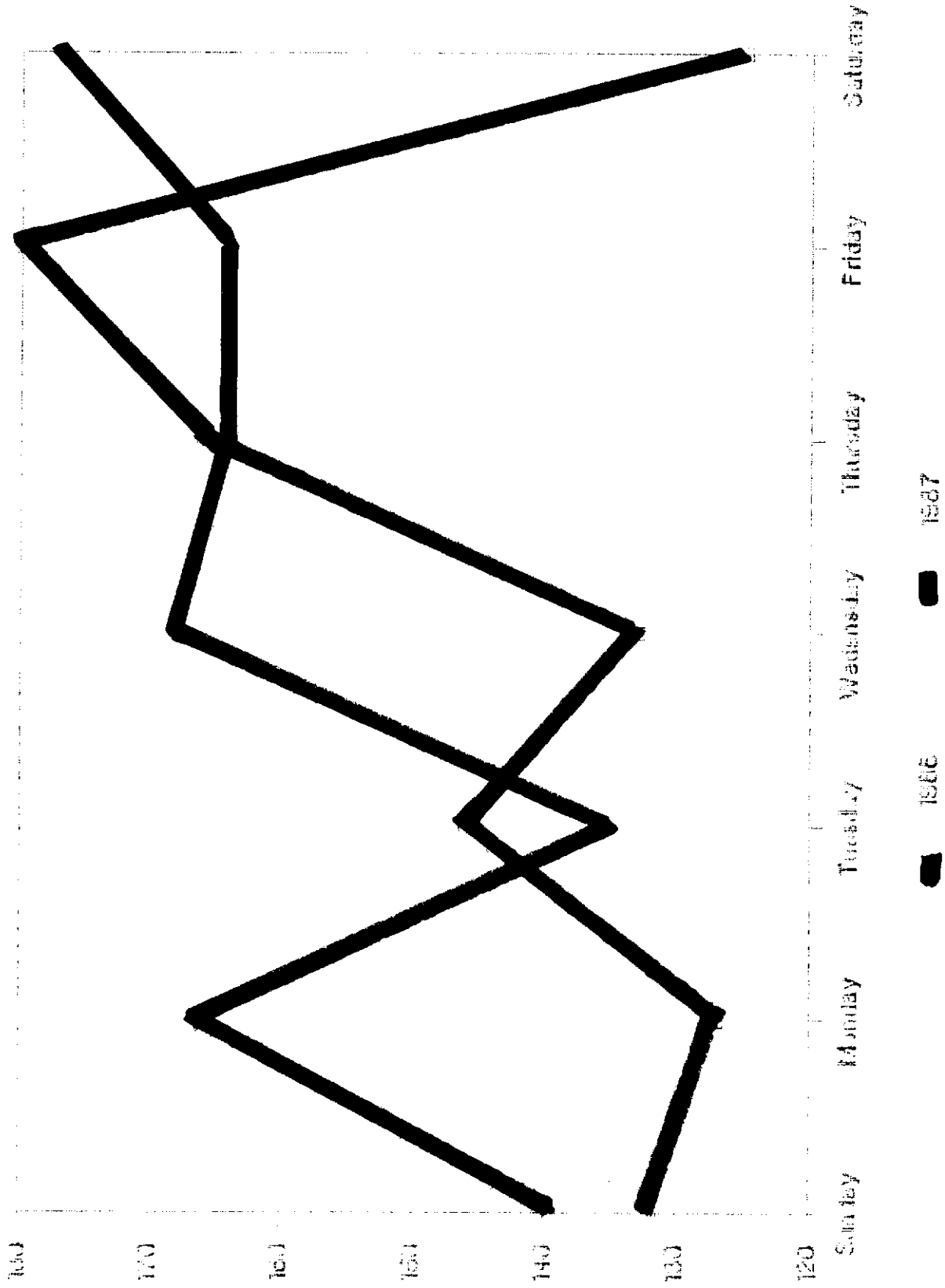
I would like to thank Mayor Lanning, members of the Moorhead City Council and City Manager Robert Erickson for assistance and guidance given to our department.



BREAKDOWN OF RESPONSES
ACCORDING TO PROPERTY USE

RESPONSES ACCORDING TO PROPERTY USE (OCCUPANT)	NUMBER OF RESPONSES	ESTIMATED PROPERTY DAMAGE FROM FIRE
1. Private Dwellings 1-2 family), including mobile homes	38	\$205,392.00
2. Apartment (3 or more facilities)	13	34,975.00
3. TOTAL RESIDENTIAL RESPONSES (SUM OF LINES 1 THROUGH 2)	51	240,367.00
4. Public Assembly (church, restaurant, club, etc.)	4	30,000.00
5. Schools & Colleges	3	27,277.00
6. Stores & Offices	6	100.00
7. Industry, Utility, Manufacturing	5	255,900.00
8. Special Structures (vacant buildings, buildings under construction, out- buildings, bridges, etc.)	49	50.00
9. TOTALS FOR STRUCTURE RESPONSES (SUM OF LINES 3 THROUGH 8)	118	553,694.00
OTHER RESPONSES		
10. Fires in Highway Vehicles (autos, trucks, etc.)	11	5,850.00
11. All Other Responses (grass fires, refuse fires, etc.)	22	.00
12. TOTAL FOR RESPONSES (SUM OF LINES 9 THROUGH 11)	151	\$559,544.00
13. Investigations, Malfunctioning Alarms, False Reporting	281	
14. Rescue, Emergency Medical Responses (EMS, rescue)	681	
15. Mutual Aid or Assistance	0	
16. TOTAL FOR ALL INCIDENTS (SUM OF LINES 12 THROUGH 15)	1,113	

MFD Calls for Sve by Day of Week



Moorhead Fire Dept Alarm Calls

1978 - 1987

1978 (5.6%)

1979 (4.6%)

1987 (5.9%)

1980 (3.4%)

1981 (5.0%)

1982 (5.0%)

1983 (10.4%)

1986 (21.6%)

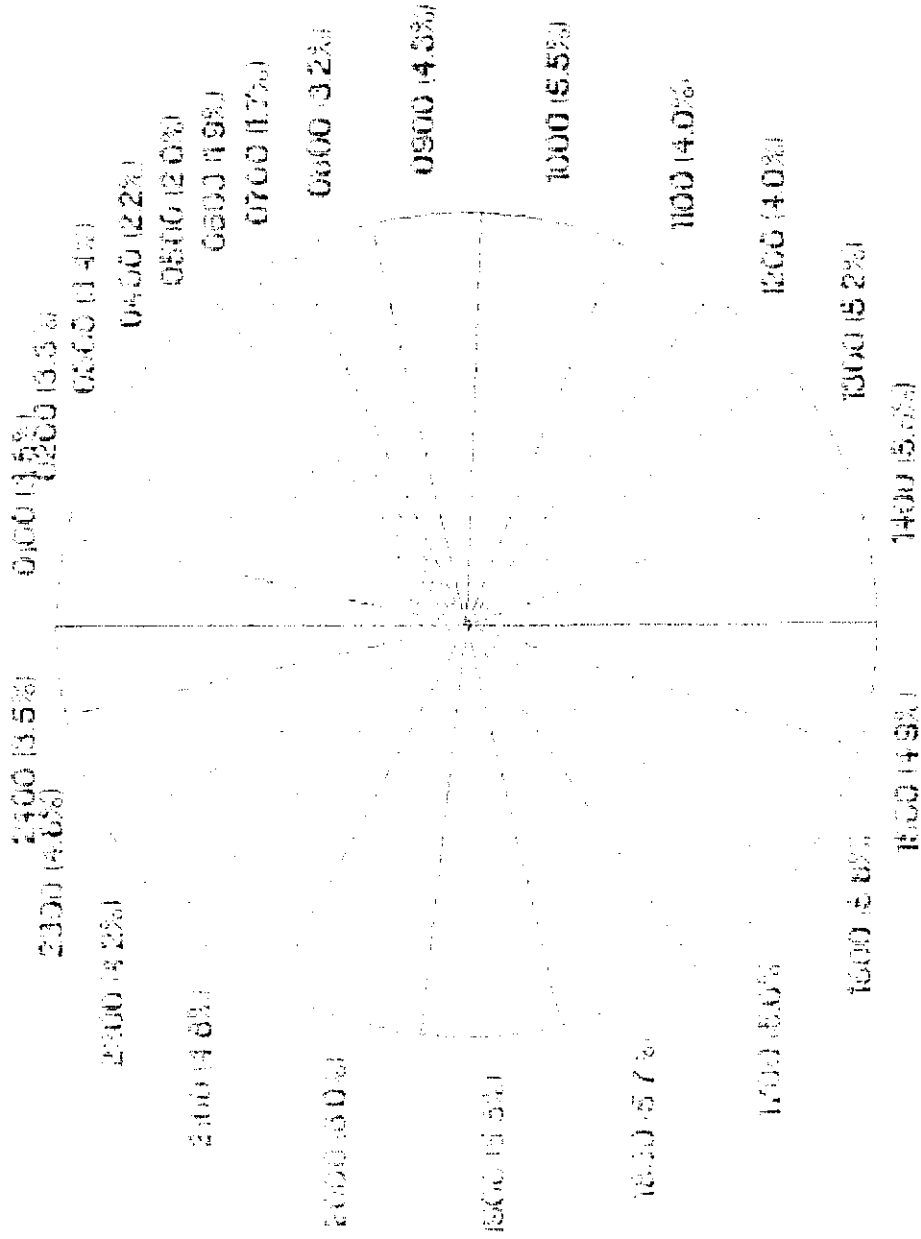
1984 (10.1%)

1985 (12.7%)

TOTAL ALARM CALLS FOR
1978 - 1987: 6,488

Moohthead Fire Dept Emergency Calls

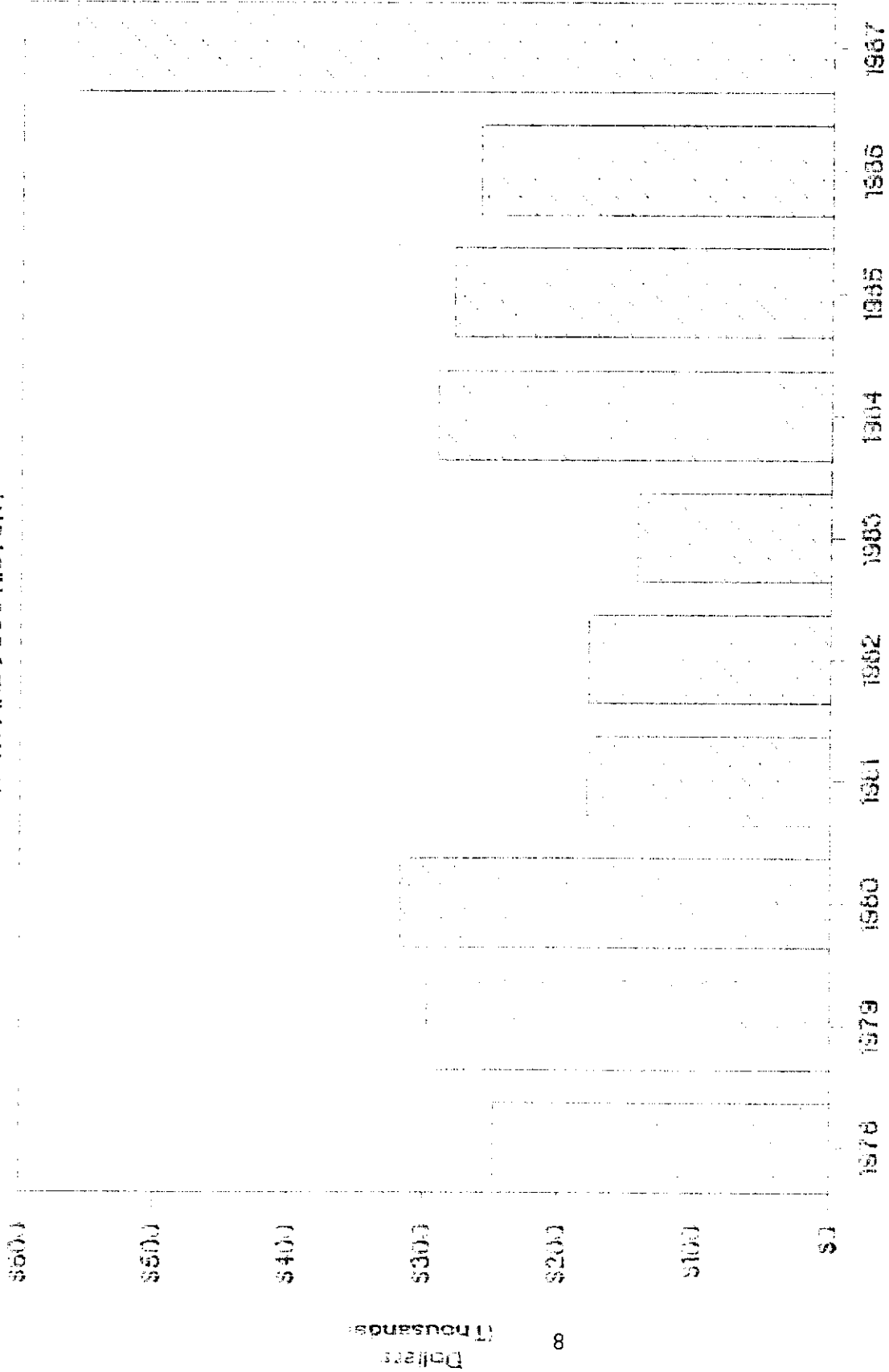
By Time of Day



TOTAL EMERGENCY CALLS: 1,113

CITY OF MOORHEAD

10 YR FIRE LOSS HISTORY



Legend: [] Dollars - Final Loss

INCENDIARY FIRES IN STRUCTURES AND VEHICLES

	NUMBER OF FIRES	NUMBER OF CIVILIAN INJURIES	ESTIMATED PROPERTY DAMAGE FROM FIRE
Structure Fires of Definite Incendiary Origin	18	0	\$49,200
Structure Fires of Suspicious Origin But Not Definitely Established as Incendiary	8	0	2,000
Vehicle Fires, Incendiary and Suspicious	11	0	5,500
TOTAL	37	0	\$56,700

ON DUTY FIRE INJURIES BY TYPE OF DUTY AND NATURE OF INJURY

	RESPONDING TO/RETURNING FROM INCIDENT	AT THE FIRE GROUND	AT A NONFIRE EMERGENCY	TRAINING	OTHER ON DUTY
BURNS (FIRE OR CHEMICAL)		2			
SMOKE OR GAS INHALATION					
EYE IRRITATION					
WOUND, CUT, BLEEDING	1	2	2		2
DISLOCATION, FRACTURE			2		2

FIRE DEPARTMENT VEHICLES
1987

<u>APPARATUS #</u>	<u>STATION</u>	<u>TYPE OF APPARATUS</u>	<u>DESCRIPTION</u>	<u>YEAR</u>
901	South	1250 Pumper	Pierce	1985
903	South	1250 Pumper	Seagrave	1970
904	North	1250 Pumper	Seagrave	1970
905	North	1250 Pumper	General	1979
908	North	Utility Truck	GMC	1977
910	North	Aerial Platform	Sutphen	1977
907	South	3/4 Ton Van	GMC	1985
912	North	Pick-Up Truck	Dodge	1978
900	North	4 Door Passenger (Chief's Car)	Pontiac 6000	1987
902	North	4 Door Passenger (Fire Prevention)	Dodge Aries	1985
922	North	Pick-Up Truck (Building Codes)	Dodge Ram	1986
923	North	4 Door Passenger (Environmental Health)	Dodge Aries	1985
924	North	4 Door Passenger (Building Codes)	Pontiac 6000	1987

CITY OF
MOORHEAD
FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
(218) 299-5434

MEMORANDUM

February 8, 1988

TO: Marlan V. Anderson, Fire Chief
FROM: Gary L. Schulz, Fire Marshal *GLS*
RE: 1987 Fire Prevention annual report

Enclosed is the total 1987 annual report for the Fire Prevention Division. These reports include the Fire Marshal, Housing Inspector and Fire Department shift inspectors.

I feel the most important statistics concern the number of inspections and violations found as compared to the corrections made. These figures indicate there are violations being found, reinspections made of all noted violations, and corrections are being made.

12



ARSON

1987	42	8	100	16	
1986	8	8	200	24	
1985	10	10	3	32	
1984	15	15	4	40	42
1983	6	6	5		

$$\frac{42}{81} = 16.2$$

$$X = 16.2 \begin{array}{r} - 16.2 \\ 100 \quad 16.2 \\ 200 \quad 16.2 \\ \hline 324 \\ 48.6 \end{array}$$

$$X = \frac{42}{16.2}$$

[J]

[W]

[B]

231 9 th N.	512 9 th N	723 SEAM
Reg INN	500 9 th N	1021 5 th N
1802 12 th S	WAIGREN AVE	FRANCIS return
316 11 th N.	NEW BEGIN	WAIGREN
Reg INN	NEW BEGIN	Michelle
3007 20 th S	9 th N Redden	
3015 18 th S	1000 BLOCK	
1111 20 th S	H ST + R.R	
3003 20 th S		
3015 20 th S		
1209 20 th S		
1409 4 th S		
3010 15 th S		
1520 4 th S		
14 th + 15 th S		

15

8

5

1987 FIRE PREVENTION REPORT
COMMENTARY: "ARSON"

One major area of responsibility of the Fire Prevention Division is the determination of origin and cause of each fire. This investigation will tell us where the fire started, why the fire started, and how the fire started. These determinations may lead us to faulty equipment, improper actions or use by the occupant, unsafe conditions which may also exist in similar occupancies, or a fire that was intentionally set.

Arson is the willful and malicious burning of property. National statistics show that arson is one of the fastest rising crimes: arson rose 150% from 1977 to 1987. Today, approximately 12% of all fires are intentionally set.

In 1987 the arson rate in Moorhead rose 425% over 1986, and 165% when averaged over the last five years. This is a dramatic increase for Moorhead and is substantially above the national average, and I believe the following reasons have contributed to this increase.

More fires are recognized as arson by both the on shift fire fighters and the fire investigators; this recognition is based upon increased knowledge and expertise gained in classroom and on site education.

The increase of fires involving juvenile fire setters has increased drastically in 1987; a total of fifteen fires can be attributed to juveniles. These numbers alone would increase our arson statistics as compared to 1986 by 100%. Approximately 20 juveniles completed the Fire Department's "Juvenile Fire Setter Program" in 1987. Only one of the fifty juveniles who have completed this course since 1982 has been a repeat offender.

The Fire Department has also had two suspects which have been charged with arson and are awaiting trial. These two are suspects in, or have admitted to approximately thirteen fires in Moorhead.

I believe these three items have all contributed to the drastic increase in intentionally set fires. Public fire education can make a difference in the number of juvenile fire setters and would be one aim of our public fire education at the grade school level. Although arson continues to be a nation wide problem, I hope Moorhead can return to the lower incident rate of previous years.

Respectfully submitted,



Gary L. Schulz, Fire Marshal

CITY OF
MOORHEAD
 FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
 (218) 299-5434

QUARTERLY
FIRE PREVENTION REPORT

<u>JANUARY 1, 1987 THROUGH DECEMBER 31, 1987</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL</u>
Fire Prevention Man Hours on Field Inspections.	331	325	373	285	1314
Fire Prevention Bureau Inspections.	548	548	649	477	2222
Written Violations.	989	1311	1149	800	4249
Verbal Violations	30	8	22	24	84
Corrections	893	869	1188	1018	3968
Housing Inspections	369	438	517	355	1679
Units Inspected	540	847	679	347	2413
Commercial Inspections.	142	86	100	87	415
Building Code Inspections	18	5	2	0	25
Day Care.	19	19	30	35	103
Bar Inspections	0	0	0	0	0
New Inspections	0	275	269	194	738
Reinspections	0	273	411	277	961
Complaints.	0	55	76	65	196

TIME SPENT IN THE FOLLOWING AREAS (HOURS):

Meetings & Conferences.	.82	.50	.48	.36	.216
Schools Attended.	.70	.86	0	.18	.174
Fire Investigations	.44	.17	.23	.66	.150
Fire Safety Classes Given	8	7	6	.13	34
Fire Department Duties.	.64	.49	.59	.57	.229
Court Related Appearances	.13	9	.31	9	62
Plan Checks	.19	.19	.22	.13	.73
TOTAL HOURS	300	237	189	216	942

Respectfully submitted,

Gary L. Schulz
 Gary L. Schulz
 Fire Marshal



PUBLIC FIRE EDUCATION CLASSES

In 1987 the public fire education classes again included the "Friendly Monster Program." This program familiarizes students with the fire fighter and his gear, teaching the students not to fear fire fighters and not to hide from them in a fire situation.

Once again we had a terrific response from the teachers involved with this program. The teachers felt this program was very worthwhile and should be continued.

In 1987 the program initiated the use of an on-shift fire fighter to present the "Friendly Monster" to the Kindergarten level; this has worked very well and it is planned to continue in this manner.

The following statistics represent the entire public fire education classes given by the Fire Prevention Division in 1987.

Respectfully submitted,



Gary L. Schulz, Fire Marshal

PUBLIC FIRE EDUCATION PROGRAMS
1987

<u>DATE</u>	<u>CLASS TITLE</u>	<u>LOCATION</u>	<u>CLASS SIZE</u>
Feb. 23	General Fire Safety	Our Saviors Lutheran Church	20
Mar. 3	Friendly Monster Program	Concordia Day Care	15
3	Friendly Monster Program	Concordia Day Care	14
24	Home Fire Safety	Edison Elementary School	80
Apr. 3	Fire Safety in the Work Place	Moorhead Post Office	40
June 16	Camp Fire Safety	Girl Scout Camp	80
24	Using Fire Extinguishers	Moorhead Health Care	50
Aug. 25	Using Fire Extinguishers	Fairmont East	20
27	Using Fire Extinguishers	Concordia Residence Staff	100
Sep. 30	Friendly Monster Program	Trinity Day Care	50
Oct. 5	Friendly Monster Program	Moorhead State University Day Care	30
13	Friendly Monster Program	Riverside Elementary School	52
14	Friendly Monster Program	Riverside Elementary School	21
23	Friendly Monster Program	St. Joseph School	30
26	Fire Safety for Preschool	3710 4th St. South	20
27	Friendly Monster Program	Washington Elementary School	50
Nov. 2	Building Safety	MAVTI	20
3	Friendly Monster Program	Park Christian School	15
5	Friendly Monster Program	Lincoln School	25
10	Friendly Monster Program	Probstfield Elementary School	25
10	Friendly Monster Program	Probstfield Elementary School	50
10	Friendly Monster Program	Probstfield Elementary School	50
30	Friendly Monster Program	St Francis deSales School	20
Dec. 2	Home Fire Safety	Washington Elementary School	30
24	Building Safety for Custodians	MAVTI	50
TOTAL			957

EVALUATION OF CLASS GIVEN
BY MOORHEAD FIRE PREVENTION DIVISION

CLASS MSA DAYCARE DATE 10-5-87
STUDENTS _____
INSTRUCTOR Bon + Mary

	POOR	FAIR	AVERAGE	GOOD	EXCELLENT
1. Was the class information helpful to students in the area of fire safety and fire prevention?					X
2. Was the class information presented relevant to the education level of the students?					X
3. What was the appearance of the instructor?					X
4. Did the instructor make the class interesting for the students?					X
5. Would you recommend this class to other students or request this class to be repeated next quarter, year, etc.?					X

6. Other questions or comments:

You really did an excellent job. The children seem to really understand the information and they were very interested. Thanks!

Joe Grunski

EVALUATION OF CLASS GIVEN
BY MOORHEAD FIRE PREVENTION DIVISION

CLASS Piobstfield Elementary School
Kindergarten / 4 M.P.M. DATE Nov. 10, 1987

STUDENTS 25/25

INSTRUCTOR? Firefighter: Ron Sorum
Classroom teacher: Susan Botner

	POOR	FAIR	AVERAGE	GOOD	EXCELLENT
1. Was the class information helpful to students in the area of fire safety and fire prevention?					✓
2. Was the class information presented relevant to the education level of the students?					✓
3. What was the appearance of the instructor?					✓
4. Did the instructor make the class interesting for the students?					✓
5. Would you recommend this class to other students or request this class to be repeated next quarter, year, etc.?					✓

yes, yes, yes!!

6. Other questions or comments:

I especially liked it when the instructor turned off the lights and had the children crawl around the room with the fire-fighter, learning is doing!!

EVALUATION OF CLASS GIVEN
BY MOORHEAD FIRE PREVENTION DIVISION

CLASS Ann Dahl DATE 10/14/87
STUDENTS 21
INSTRUCTOR Ron Sorum

	POOR	FAIR	AVERAGE	GOOD	EXCELLENT
1. Was the class information helpful to students in the area of fire safety and fire prevention?					X
2. Was the class information presented relevant to the education level of the students?					X
3. What was the appearance of the instructor?					X
4. Did the instructor make the class interesting for the students?					X
5. Would you recommend this class to other students or request this class to be repeated next quarter, year, etc.?					X

6. Other questions or comments:

It was an excellent presentation. All of the ~~etc~~ information was valuable ie, matches, beeper, oxygen, checking batteries on fire alarm. It was also great to involve the children on evacuating. Ron Sorum was an excellent presenter. Thanks!

EVALUATION OF CLASS GIVEN
 BY MOORHEAD FIRE PREVENTION DIVISION

CLASS Mrs. Smith's Kind. Washin^{gton} ^{17th St.} DATE 10/29-28
 STUDENTS 24 A.M. 26 P.M.
 INSTRUCTOR Bob Larson

	POOR	FAIR	AVERAGE	GOOD	EXCELLENT
1. Was the class information helpful to students in the area of fire safety and fire prevention?					✓
2. Was the class information presented relevant to the education level of the students?					✓
3. What was the appearance of the instructor?					✓
4. Did the instructor make the class interesting for the students?					✓
5. Would you recommend this class to other students or request this class to be repeated next quarter, year, etc.?					✓

6. Other questions or comments:

*I got related very well to students. Had
 exercises to answer questions to make the
 class more of a part. In some cases had students
 to go along with the info. had some questions.
 In general liked the class and had activity
 found them. This was a excellent class.*

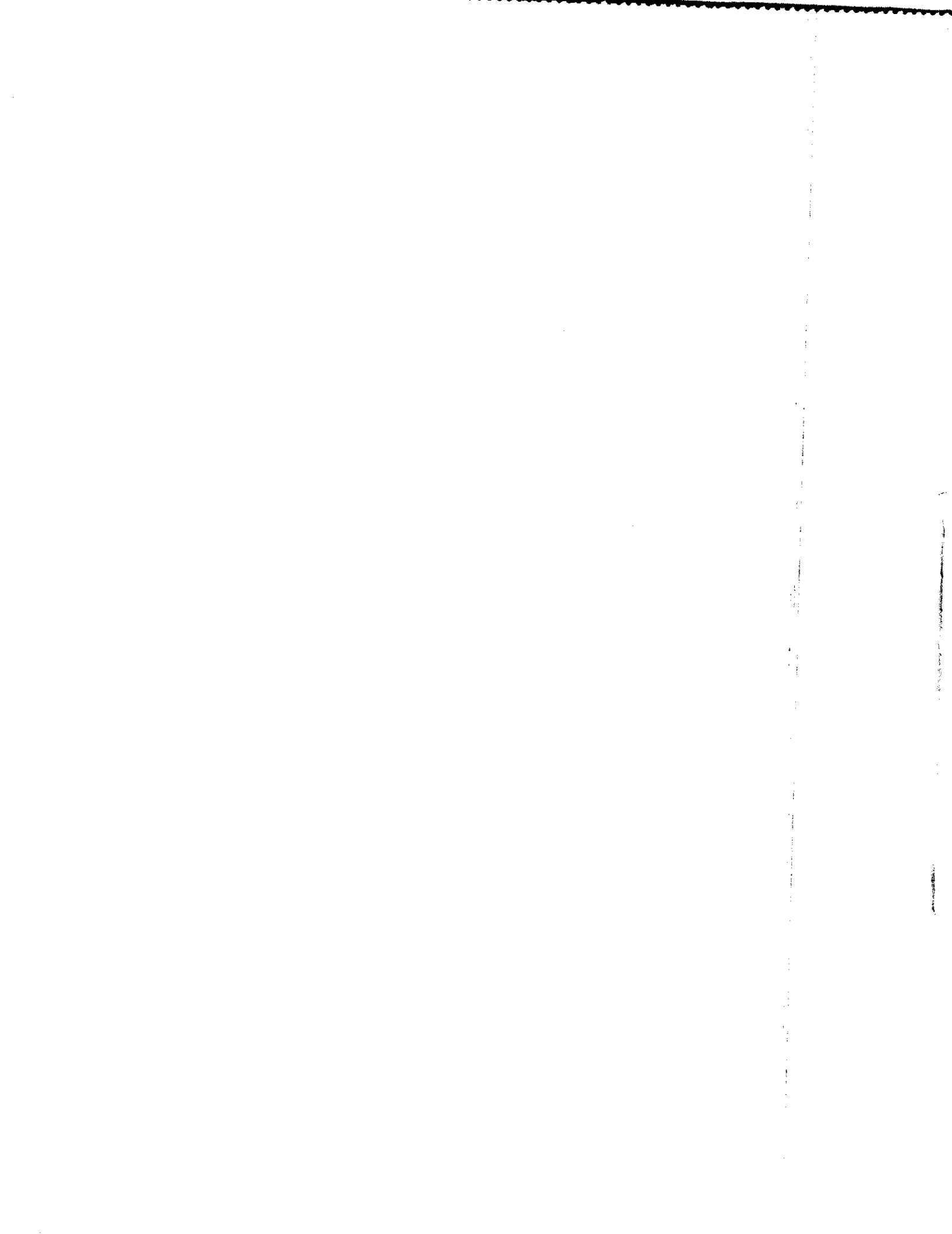
EVALUATION OF CLASS GIVEN
BY MOORHEAD FIRE PREVENTION DIVISION

CLASS Friendly Monster DATE 3-3-87
 STUDENTS Adelbert Daycare
 INSTRUCTOR Gary L. Schuy - Fire Marshal

	POOR	FAIR	AVERAGE	GOOD	EXCELLENT
1. Was the class information helpful to students in the area of fire safety and fire prevention?					X
2. Was the class information presented relevant to the education level of the students?					X
3. What was the appearance of the instructor?					X
4. Did the instructor make the class interesting for the students?					X
5. Would you recommend this class to other students or request this class to be repeated next quarter, year, etc.?					X

6. Other questions or comments:

Gary did a very fine job of communicating with our children - I have never seen a better presentation done re fire safety with our pre-school children and I have taught pre-school for fourteen years! We surely



RENTAL REGISTRATION/INSPECTION PROGRAM

The Rental Registration/Inspection Program was initiated in July of 1986, and a staff consisting of an inspector and secretary were hired at that time. The staff immediately began training for inspections and processing files for the rental registration.

The Rental Registration/Inspection Program's first full calendar year since implementation is 1987. I believe the figures in the "written violations" column show there is a fire safety problem in the city's rental property; the Rental Registration/Inspection Program is needed and performs a service to the citizens of Moorhead.

The figures in the "corrections" line indicate that violations found are being corrected and the program is accomplishing its number one purpose: greater safety for the tenants of rental property.

The 116 complaints received indicates problems in rental property which cannot be settled between owner/tenant or tenant/neighbor. When a complaint is received we are required by Minnesota State Statute 566.20 to make an inspection as soon as possible. I believe the number of complaints will rise in 1988 as more tenants and neighbors become aware that there is a program and a department to handle rental property complaints.

I believe the following statistics reveal the effectiveness of the Rental Registration/Inspection Program. This program is doing the job it was designed for, which is systematic inspections of rental property, addressing life safety and other housing violations, and obtaining corrections to the noted violations.

1987
HOUSING INSPECTION REPORT
INSPECTOR

JANUARY 1, 1987 THROUGH DECEMBER 31, 1987

Fire Prevention Bureau Man Hours on Housing Inspections .	762
Housing Inspections	1,264
Units Inspected	1,587
Written Violations.	3,372
Verbal Violations	0
Corrections	3,006
New Inspections	406
Reinspections	652
Complaint Inspections	116

TIME SPENT IN THE FOLLOWING AREAS (HOURS) BY INSPECTOR:

Meetings & Conferences. . . . .	.13
Schools Attended. . . . .	.56
Court Related Appearances . . . . .	.38
TOTAL HOURS	107

Respectfully submitted,

Gary L. Schulz
Gary L. Schulz
Fire Marshal

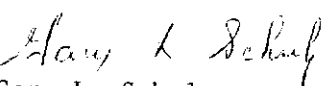
1987
FIRE PREVENTION REPORT
INSPECTOR

<u>JANUARY 1, 1987 THROUGH DECEMBER 31, 1987</u>	<u>1ST QTR</u>	<u>2ND QTR</u>	<u>3RD QTR</u>	<u>4TH QTR</u>	<u>TOTAL</u>
Fire Prevention Bureau Man Hours on Field Inspections. . . . .	.198.	.199.	.182.	.183.	.762
Fire Prevention Bureau Inspections. . . . .	.344.	.331.	.288.	.301.	1,264
Written Violations. . . . .	.834.	.918.	.895.	.725.	3,372
Verbal Violations . . . . .	.0.	.0.	.0.	.0.	0
Corrections . . . . .	.732.	.720.	.717.	.837.	3,006
Housing Inspections . . . . .	.344.	.331.	.288.	.301.	1,254
Units Inspected . . . . .	.520.	.416.	.323.	.328.	1,587
Commercial Inspections. . . . .	.0.	.0.	.0.	.0.	0
Building Code Inspections . . . . .	.0.	.0.	.0.	.0.	0
Day Care Insepctions. . . . .	.0.	.0.	.0.	.0.	0
Bar Inspections . . . . .	.0.	.0.	.0.	.0.	0
New Inspections	42.	.134.	.123.	.107.	406
Reinsepctions	96.	.197.	.165.	.194.	652
Complaint Inspections . . . . .	.6.	34.	43.	33.	116

TIME SPENT IN THE FOLLOWING AREAS (HOURS) BY INSPECTOR:

Meetings & Conferences. . . . .	.2.	.0.	.7.	.4.	.13
Schools	40.	.0.	.0.	16.	.56
Fire Investigations . . . . .	.0.	.0.	.0.	.0.	0
Fire Safety Classes Given . . . . .	.0.	.0.	.0.	.0.	0
Fire Department Duties. . . . .	.0.	.0.	.0.	.0.	0
Court Related Appearances . . . . .	.6.	.6.	22.	.4.	38
TOTAL HOURS	<u>48</u>	<u>6</u>	<u>29</u>	<u>24</u>	<u>107</u>

Respectfully submitted,


 Gary L. Schulz
 Fire Marshal

1987
HOUSING INSPECTION REPORT
FEES COLLECTED

JANUARY 1, 1987 THROUGH DECEMBER 31, 1987

Reinspection Fees	\$2,182.50
Late Registration Fees. . . . .	.1,490.00
TOTAL FEES COLLECTED.	\$3,672.50

Respectfully submitted,


Gary L. Schulz
Gary L. Schulz
Fire Marshal

1987
HOUSING INSPECTION REPORT
SHIFT INSPECTIONS

JANUARY 1, 1987 THROUGH DECEMBER 31, 1987

Fire Prevention Man Hours on Housing Inspections . . .	109
Housing Inspections.	236
Units Inspected.	790
Written Violations	400
Verbal Violations.	2
Corrections.	264

Respectfully submitted,


Gary L. Schulz
Fire Marshal

1987
HOUSING INSPECTION REPORT
TOTAL HOUSING INSPECTIONS

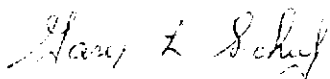
JANUARY 1, 1987 THROUGH DECEMBER 31, 1987

Fire Prevention Man Hours on Housing Inspections . .	871
Housing Inspections.	1,500
Units Inspected.	2,377
Written Violations	3,772
Verbal Violations.	2
Corrections.	3,270
New Inspections.	406
Reinspections.	652
Complaint Inspections.	116

TIME SPENT IN THE FOLLOWING AREAS (HOURS) BY INSPECTOR:

Meetings & Conferences . . . . .	.13
Schools Attended . . . . .	.56
Court Related Appearances. . . . .	.38
TOTAL HOURS.	107

Respectfully submitted,


Gary L. Schulz
Fire Marshal

CITY OF
MOORHEAD
FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
(218) 299-5434

1987 ANNUAL REPORT
TRAINING DIVISION

Training is designed to continually refresh and update the skills and knowledge of the members of the Fire Department in areas such as fire suppression, emergency medicals and hazardous materials emergencies.

Other duties of the Training Officer include public education, purchase of equipment and water main flow tests.

In 1987 there was a reduction in the amount of training as compared to 1986 due to the time involved in the research and writing of specifications for a new rescue truck. Bids were received in December and the department's new rescue truck will be placed into operation in the summer of 1988.

TRAINING

Fire Streams Hose & Nozzles	56
Search & Rescue Techniques	123
Hydraulics	74
River Rescue	82
Preplans	254
Medical	830
Extrication	67
SCBA	80
Fire Pump Testing	14
Hydrant Maintenance (Fall)	185
Hazardous Materials	308
Passenger Elevators	57
Computer & Drawing Preplans	71
Hose Testing	160
Miscellaneous	390
TOTAL	<u>2,751</u>

EMERGENCY MEDICAL TECHNICIANS

The department's Emergency Medical Technicians completed a 24 hour refresher class with written and practical testing. The total number of emergency medicals and rescues totalled 681 for 1987.



Reinspection Fees:

1986

12/31/86 Total - \$50.00

Late Registration Fees

1986

-0-

1987

January Total - \$100.00

February Total - \$125.00

March Total - \$120.00

Total Received 3/30/87 \$345.00

1987

January Total - \$-0-

February Total - \$40.00

March Total - \$350.00

Total Received as of 3/30/87 \$390.00

Bills outstanding - \$325.00
(due in April) as of 3/30/87

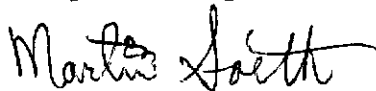
TOURS

The Moorhead Fire Department provides tours of the main and southside fire stations, and in 1987 a total of 1,120 children toured the department's facilities.

BLOOD PRESSURE SCREENING

The Fire Department provided 877 blood pressure checks to the citizens of the community as compared to 1,218 in 1986, which is a 28% decrease. This decrease may be due to screenings offered in various areas throughout the city.

Respectfully submitted,



Martin Soeth, Captain
Training Officer

COURSES TAUGHT TO THE PUBLIC
BY TRAINING OFFICER
1987

<u>DATE</u>	<u>CLASS TITLE</u>	<u>LOCATION</u>	<u>CLASS SIZE</u>	<u>LENGTH</u>
Jan. 21	C.P.R.	Busch Agricultural Res.	25	1 Hour
Feb. 25	C.P.R.	Clay County Health	12	4 Hours
Mar. 18	C.P.R.	Horizon Communications	20	1½ Hours
Mar. 21	C.P.R.	Moorhead High School	15	2 Hours
Mar. 27	C.P.R.	St. Joseph School	18	1½ Hours
Apr. 8	Fire Extinguishers	Concordia College	13	1 Hour
Apr. 23	Air Masks	Wastewater Treatment	15	1 Hour
May 1	Air Masks	Moorhead State Univ.	10	1 Hour
May 8	C.P.R.	Moorhead Post Office	30	1 Hour
June 8	First Aid	Moorhead Parks	17	2 Hours
June 9	First Aid	Moorhead Parks	35	2 Hours
June 10	First Aid	Moorhead Parks	18	2 Hours
June 16	C.P.R.	Americal Crystal Sugar	15	3 Hours
July 14	Fire Extinguishers	Moorhead State Univ.	30	1 Hour
Aug. 18	Fire Extinguishers	Moorhead State Univ.	20	1 Hour
Sept 15	Fire Extinguishers Dust	Nutri Gold	12	1 Hour
Sept 27	Emergency Medical	Concordia College	15	1 Hour
Oct. 6	Fire Extinguishers	Moorhead State Univ.	25	1 Hour
Oct. 14	Fire Extinguishers	Moorhead State Univ.	12	1 Hour
Nov. 3	Fire Extinguishers	Moorhead Technical Instit.	10	1 Hour
Nov. 20	Fire Extinguishers	Standard Oil Terminal	12	1 Hour
Dec. 3	First Aid	Moorhead Parks	10	1 Hour
Dec. 14	Fire Extinguishers	Moorhead State Univ.	10	1 Hour
Dec. 15	Fire Extinguishers	Moorhead State Univ.	29	1 Hour

RESERVIST PROGRAM

The reservist program has progressed to the point where the members are being called back to attend fires. Training is an ongoing process, and organized classes are held on a monthly basis.

Training for the year has included courses concerning ladders, hose, fire streams, station maintenance, operation and driving of the aerial truck, and self contained breathing apparatus.

1987 Reservists:

Don Clark, Public Service Department
Wayne Johnson, Operations/Maintenance
Mark Lorentz, Operations/Maintenance
Ron Ritter, Wastewater Treatment
Russ Wicklund, Police Department

CITY OF
MOORHEAD
FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
(218) 299-5434

MEMORANDUM

TO: Marlan Anderson, Fire Chief
FROM: Dennis McCarthy, Chaplain *DMC*
RE: 1987 Department Chaplain's Report

At the request of Chief Anderson, I am providing this report of the Chaplain's Division of the Moorhead Fire Department.

During the year of 1987 I made approximately 36 visits to both stations on all three shifts. I also responded to sixteen alarms for fire or rescue incidents. Many of these incidents involved assistance to citizens who were distraught by the loss of property and possessions.

I was also able with several members of our department to participate in the third annual Clay County celebration of Fire Fighters Memorial Sunday. This past year the celebration occurred in Glyndon, Minnesota.

Looking back at this past year, I feel we have several reasons to be both grateful and proud.

Certainly the rescue on Friday, December 4 of eleven-year-old Alvara Garza from beneath the ice of the Red River constitutes one of the finest chapters in the history of our department. His rescue, and the splendid teamwork with so many local agencies attracted unparalleled attention by the media from coast to coast for more than three weeks. All of us are proud of the five members of our department who were honored by the City of Moorhead in the Council Chambers on December 21, 1987.

I am mindful of the serious fire and subsequent explosion of the American Crystal plant on December 10, 1987 where three of our members were either burned or injured. We give thanks to Almighty God that He preserved us from a more serious tragedy.

Finally, I am also gratified that two more departments in our county, Glyndon and Barnesville, have appointed fire department chaplains.

As always, I extend my gratitude to all our fire fighters for their dedication to their profession and to our community.

36



REPAIR & MAINTENANCE
MOORHEAD FIRE DEPARTMENT PROPERTY

MAINTENANCE OF SMALL ENGINES/RESCUE EQUIPMENT

Carroll Simpson	37 hours
Jerry Shawstad	67 hours
Don Bratlien	9 hours
Harold Bradsteen	5 hours
Greg Doeden	7 hours

Hurst Tools

Carroll Simpson	3 hours
Jerry Shawstad	3 hours

Air Compressors

Carroll Simpson	2 hours
Jerry Shawstad	4 hours

AIA Cascade System

Don Bratlien	6 hours
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Small Engines

Jerry Shawstad	71 hours
Carroll Simpson	42 hours
Don Bratlien	9 hours
Harold Bradsteen	5 hours
Greg Doeden	7 hours

Lawn Equipment

Jerry Shawstad	8 hours
Don Bratlien	3 hours
Harold Bradsteen	3 hours
Carroll Simpson	3 hours

Snowblowers

Carroll Simpson	6 hours
Jerry Shawstad	11 hours
Greg Doeden	4 hours

Portable Generators

Jerry Shawstad	25 hours
Carroll Simpson	7 hours

Boat/Trailer

Carroll Simpson	5 hours
Harold Bradsteen	2 hours
Greg Doeden	3 hours
Jerry Shawstad	1 hour

Generator for 908

Carroll Simpson	3 hours
Jerry Shawstad	3 hours

Portable Water Pumps

Carroll Simpson	3 hours
Jerry Shawstad	8 hours

ADMINISTRATIVE DUTIES:

Jerry Shawstad	145 hours
Carroll Simpson	75 hours

MAINTENANCE FOR FIRE PREVENTION VEHICLES

Carroll Simpson	5 hours
Jerry Shawstad	12 hours

MAINTENANCE FOR FIRE DEPARTMENT VEHICLES

Carroll Simpson	111 hours
Mike Saulsbury	2 hours
Lyle Gernand	2 hours
Jerry Shawstad	150 hours
Daryl Hendricksen	9 hours
Harlan Halbakken	2 hours
Harold Bradsteen	7 hours
Greg Doeden	15 hours
Don Bratlien	12 hours
Marty Soeth	6 hours

FIRE DEPARTMENT

Unit 901
 Carroll Simpson 18 hours
 Mike Saulsbury 2 hours
 Lyle Gernand 2 hours
 Jerry Shawstad 35 hours

Unit 903
 Jerry Shawstad 5 hours

Unit 904
 Carroll Simpson 5 hours
 Harold Bradsteen 2 hours
 Jerry Shawstad 11 hours

Unit 912
 Carroll Simpson 18 hours
 Jerry Shawstad 12 hours
 Don Bratlien 9 hours
 Greg Doeden 12 hours
 Daryl Hendricksen 4 hours
 Martin Soeth 3 hours

Unit 907
 Carroll Simpson 7 hours
 Jerry Shawstad 6 hours

Unit 905
 Carroll Simpson 12 hours
 Greg Doeden 3 hours
 Jerry Shawstad 15 hours

Unit 908
 Carroll Simpson 16 hours
 Don Bratlien 3 hours
 Martin Soeth 3 hours
 Jerry Shawstad 14 hours

Unit 910
 Carroll Simpson 25 hours
 Harlan Halbakken 2 hours
 Harold Bradsteen 5 hours
 Daryl Hendricksen 5 hours
 Jerry Shawstad 32 hours

Unit 900
 Carroll Simpson 1 hour
 Jerry Shawstad 2 hours

ENVIRONMENTAL HEALTH

Unit 151
 Carroll Simpson 2 hours

Generators - Main/Southside
Standby Units
 Carroll Simpson 2 hours
 Jerry Shawstad 6 hours

FIRE PREVENTION

Unit 902
 Carroll Simpson 5 hours
 Jerry Shawstad 12 hours

BUILDING MAINTENANCE

TOTAL HOURS

Main Fire Station/Southside Fire Station/Remley Fire Annex

Gary Haaland	69 hours	Carroll Simpson	2 hours
Terry Beach	7.5 hours	Jerry Shawstad	2 hours
Don Bratlien	1 hour	David Pederson	4.5 hours
Daryl Hendricksen	1 hour	Dalan Rasmussen	7 hours
Ron Sorum	9.5 hours	Joe Gaughan	3 hours
Dean Nelson	1 hour		

MAIN FIRE STATION

Roof Vents

Gary Haaland	6 hours
Don Bratlien	1 hour
Daryl Hendricksen	1 hour
Terry Beach	.5 hour

Water Cooler

Gary Haaland	.5 hour
Ron Sorum	.5 hour

Air Conditioning

Gary Haaland	2 hours
Terry Beach	.5 hour

Electric Forced Air Heaters

Gary Haaland	2 hours
Ron Sorum	.5 hour

Vacuums

Gary Haaland	3 hours
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Furnace

Gary Haaland	1 hour
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Hose Dryer

Gary Haaland	5 hours
David Pederson	3 hours
Ron Sorum	3 hours

Overhead Doors

Gary Haaland	5 hours
Terry Beach	3 hours
Jerry Shawstad	2 hours
Carroll Simpson	2 hours

Gas Forced Air Heaters

Gary Haaland	1 hour
Terry Beach	1 hour

Humidifiers

Gary Haaland	1 hour
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SOUTHSIDE FIRE STATION

Hot Water Blowers

Gary Haaland	3 hours
Ron Sorum	3 hours

Vents (shop, bathroom, etc.)

Gary Haaland	9 hours
Dalan Rasmussen	4.5 hours
Joe Gaughan	1.5 hours

Overhead Doors

Gary Haaland	2 hours
Ron Sorum	2 hours

Hose Dryers

Gary Haaland	2 hours
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Air Conditioners

Gary Haaland	2 hours
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Circulating Pump (4 motors)

Gary Haaland	2 hours
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Water Coolers

Gary Haaland	1 hour
Dalan Rasmussen	.5 hour
David Pederson	.5 hour

Vacuums

Gary Haaland	2 hours
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Humidifiers

Gary Haaland	3 hours
Terry Beach	1.5 hours
David Pederson	1 hour

Furnaces

Gary Haaland	2 hours
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Forced Air Heaters

Gary Haaland	4.5 hours
Dalan Rasmussen	2 hours

REMLEY FIRE ANNEX

Bathroom Vents

Gary Haaland	2 hours
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Air Conditioner

Gary Haaland	1 hour
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Circulating Pumps

Gary Haaland	2 hours
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Furnace

Gary Haaland	2 hours
Terry Beach	.5 hours
Joe Gaughan	.5 hours

Flammable Storage Area

Gary Haaland	.5 hour
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Vacuums

Gary Haaland	2 hours
Dean Nelson	1 hour
Ron Sorum	.5 hour

Hot Water Heaters


Gary Haaland	1 hour
Joe Gaughan	1 hour

CITY OF MOORHEAD
BUILDING CODES DIVISION
ANNUAL REPORT - 1987

BUILDING STAFF
RICHARD DAVIDSON
DENNIS NEUDECKER
MARGE LOKKEN

CITY OF
MOORHEAD
FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
(218) 299-5434

TO: Marlan Anderson, Fire Chief
FROM: Richard Davidson, Building Official 
RE: 1987 Building Codes Division Annual Report

Included herein is the Division's Annual Report which contains comparisons of permit activity in 1987 to previous years, comments about the past year and some projections for 1988.

TABLE: 1978 - 1987 COMPARISONS OF
CONSTRUCTION ACTIVITY BY
MAJOR CATEGORY -----Page 45

TABLE: 1978 - 1987 PERMIT, VALUATION
AND REVENUE COMPARISONS ----- Page 46

COMMENTS ----- Pages 47 & 48



COMPARISONS OF MAJOR CATEGORY BUILDING ACTIVITY

YEAR	SINGLE FAMILY DWELLINGS	MULTIPLE DWELLINGS	NEW AND REMODEL COMMERCIAL	MISC BLDGS & RES REM	TOTAL PERMITS AND VALUATION
1978	(110)	(42-221)	(70)	(223)	(445)
MHD ONLY	\$5,911,300	\$6,038,400	\$ 5,723,250	\$ 971,250	\$18,644,200
1979	(107)	(41-210)	(86)	(295)	(529)
MHD ONLY	\$6,077,300	\$5,357,500	\$ 9,802,750	\$1,102,173	\$22,339,723
1980	(32)	(27-200)	(101)	(256)	(436)
	\$1,796,300	\$5,902,400	\$ 6,033,800	\$1,070,500	\$14,803,000
1981	(9)	(3-54)	(97)	(279)	(388)
	\$ 364,300	\$1,735,550	\$25,187,050	\$1,129,579	\$28,416,479
1982	(16)	(10-84)	(109)	(259)	(394)
	\$ 718,600	\$2,701,000	\$ 3,554,625	\$ 906,398	\$ 7,880,623
1983	(28)	(7-24)	(107)	(262)	(404)
	\$1,384,100	\$ 672,000	\$ 4,995,770	\$1,094,805	\$ 8,146,675
1984	(36)	(7-94)	(163)	(250)	(456)
	\$2,082,500	\$2,672,000	\$ 5,966,450	\$ 993,330	\$11,714,280
1985	(18)	(4-66)	(103)	(200)	(388)
	\$1,153,400	\$1,739,800	\$12,705,450	\$1,109,425	\$16,718,475
1986	(87)	(8-38)	(125)	(225)	(496)
	\$5,604,000	\$ 982,000	\$ 7,656,586	\$ 986,385	\$15,228,971
1987	(110)	(12-101)	(129)	(249)	(529)
	\$7,596,250	\$3,358,000	\$ 8,650,955	\$1,344,325	\$20,978,920

1978 THRU 1987 COMPARISONS OF VALUATIONS, PERMITS & REVENUE TABLE

YEAR	BUILDING PERMIT VALUATIONS	BLDG. PERMIT ISSUED	BUILDING PERMITS REVENUE	PLMB. PERMIT ISSUED	PLMB. PERMIT REVENUE	HTG. PERMIT ISSUED	HEATING PERMIT REVENUE	PLB & HTG LICENSE FEES	OTHER FEES COLLECTED	TOTAL SURCHARGE COLLECTED	TOTAL NO. OF PERMITS	TOTAL REVENUE
MHD 1978	\$18,644,200	445	\$32,479.00	244	\$11,446	240	\$2,540		-0-	\$ 9,729.00	929	\$ 56,194.00
MHD 1979	\$22,339,723	529	\$39,196.50	256	\$13,446	384	\$8,190		-0-	\$10,921.00	1169	\$ 71,790.50
1980	\$14,803,000	436	\$31,272.50	136	\$ 8,331	213	\$5,257	\$4,225	\$11,439.00	\$ 8,445.00	785	\$ 68,969.50 codes only \$ 59,720.00
1981	\$28,416,479	388	\$50,255.00	83	\$ 4,328	199	\$4,225	\$2,720	\$10,275.00	\$ 5,755.00	670	\$ 77,558.00
1982	\$ 7,880,623	394	\$25,486.00	144	\$ 6,480	241	\$5,452	\$2,830	\$ 3,616.00	\$ 4,660.00	779	\$ 48,524.00
1983	\$ 8,146,675	404	\$41,547.00	140	\$ 6,657	237	\$4,795	\$3,980	\$ 9,103.00	\$ 4,331.00	781	\$ 69,878.00
1984	\$11,713,780	456	\$53,536.50	162	\$ 8,661	408	\$8,428	\$4,830	\$ 4,612.18	\$ 6,183.00	1026	\$ 86,250.68
1985	\$16,956,075	427	\$61,098.00	118	\$ 6,511	349	\$6,309	\$4,600	\$ 9,184.81	\$ 8,260.80	894	\$ 95,963.61
1986	\$15,669,971	546	\$64,933.50	240	\$14,860	395	\$7,614.50	\$4,630	\$ 8,225.00	\$ 8,001.00	1181	\$108,264.00
1987	\$21,318,920	564	\$79,310.00	220	\$17,483	396	\$9,185.50	\$4,390	\$15,634.37	\$10,965.00	1180	\$136,967.87

* 1980 - Other Fees Collected Column \$11,439 includes collection of \$8,650 for gas surcharge & \$600 tree surcharge.
 ** 1981 - Other Fees Collected Column \$10,275 includes \$6,943 State surcharge rebate & \$3,000 Dilworth & Glyndon J P Agreement

*** 1983 - Other Fees Collected Column \$4,117 State surcharge rebate & \$4,400 Dilworth & Glyndon J P Agreement & misc
 **** 1985 - Other Fees Collected Column includes \$4,578.63 State surcharge rebate
 ***** 1986 - Other Fees Collected Column includes \$3,550.00 Gas Hookup Fees
 ***** 1987 - Other Fees Collected Column includes \$7,685 State surcharge rebate, \$4,600 Gas Hook up fees & \$3,250 Dilworth & Glyndon J P Agreement.

SUMMARY OF 1987

Single family dwellings led all categories in a busy construction year in Moorhead in 1987. One hundred ten new homes with a value of \$7.6 million were started. Not since 1978 has home building moved forward at the current pace.

The average construction cost of a new home in 1987 was \$69,057; up 7% from 1986 and up 40 % from 1983 when the average cost was \$49,432.

Activity in all other construction categories was steady or increased in 1987.

Major projects started during the year include a new apartment style dormitory at Concordia College, an addition to the Fairmont East Retirement Center and a new armory.

Total revenue for 1987 was \$136,967.87, up 26% over 1986. Total valuation for the year was \$21.3 million, and increase of 36%.

The level of activity kept staff members extremely busy. Permit volume plus a higher priority on plan review and the resulting time commitment resulted in field inspections lagging behind.

The return of winter weather has slowed construction progress which will allow staff to work on the back log.

THE YEAR AHEAD - 1988

Construction for 1988 is anticipated to remain near the level of 1987. It is unlikely that new home construction will continue at the same pace as 1987 for several reasons: the success of the Housing Incentive program has resulted in a majority of eligible lots being filled; interest rates continue above the 10% level; and the inventory of R-1 zoned lots is rapidly being depleted.

Commercial activity is expected to be strong in 1988 and should pick up some of the slack left by the housing categories.

Goals for 1988 include continued emphasis on in depth plan reviews as a means to eliminate violations and errors, greater use of office automation to improve overall efficiency, increased exposure of the department to the public through seminars, home shows and through the media to improve public relations, and a greater effort to remain current in our field inspection task.

Other activities that will occupy staff time in 1988 include participation in a rewrite of the sign ordinance, developing new applications for the computer, updating and developing new handouts for the public and continued training for all new staff.

Professionalism, favorable public relations and a close working relationship with other city departments will continue to be emphasized as the Codes Division moves from the decade of the 80's to the decade of the 90's.

DIVISION OF ENVIRONMENTAL HEALTH

ANNUAL REPORT

DONALD J. LAWRENCE

CITY OF
MOORHEAD
FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
(218) 299-5434

MEMORANDUM

TO: Marlan Anderson, Fire Chief

FROM: Don Lawrence, Director of Environmental Health *DL*

RE: Annual Report

The Environmental Health Report for 1987 consists of the areas of food, beverage, boarding and lodging, trailer courts, swimming pools and nuisance control, and plan review regarding new construction and remodeling of food, beverage and lodging establishments.

In addition to the existing food service activities three seasonal events were inspected; the Valley Fest, Moorhead State Special Olympics and October Fests. The food service consists of the use of existing food service establishments and mobile or special events units.

The usual food service and environmental health classes were given at Concordia, Moorhead State University and North Dakota State University. Two sanitarians from the state of Massachusetts attended our food certification class for the purpose of obtaining information on how to formulate a similar program for their community.

An additional class was added by request. It was a training session for swimming pool operators. The class was well received.

Other projects include working with Minnesota Department of Agriculture and a local businessman in regard to establishing a local inspection/licensing food vending machine program.

Grocery stores were contacted and informed of the dangers of mixing household bleach with other chemicals. All establishments were in favor of the city providing information by posting signs in the area where the household bleach was sold.

Information was obtained for the disposal of used tires. This information was given to the Public Works Department who conducted a program during the spring clean-up for the removal and disposal of used tires.

MOSQUITO PROGRAM:

The city's mosquito surveillance program has been combined with the city of Fargo's, Cass and Clay counties in respect to a centralized counting and identification of mosquitos. This program is included in the Metropolitan Mosquito Abatement Plan which was approved by the local governing bodies.



On or about May 15, two light traps are installed, one in north Moorhead and one in south Moorhead, and remains in the same location for the entire summer. The traps are usually operated until the first frosts of fall.

The contents of the two traps are collected then separated, identified and counted. Separating is a process of removal of all other insects from the mosquitos. Identification includes looking for the female mosquito (Culex Tarsalis) which is capable of carrying the sleeping sickness virus. As mentioned, the separating and identifying of mosquitos is being done by the City of Fargo Environmental Health Service. The service is being used by Fargo, Moorhead, Cass and Clay counties. The traps are delivered to the central office for processing. The advantage of the program is for a standardized single system for identification.

ENVIRONMENTAL NUISANCE:

The environmental complaints cover a wide variety. Listed below are examples:

1. Plugged sewer lines due to grease build-up.
2. Monoxide gas odors.
3. Chlorine gas odors.
4. Odor from the beet plant.
5. Adulterated food products.
6. Improper venting of woodworking equipment.
7. Radon gas.
8. Pigeons.
9. Dirty apartments.
10. Excess humidity/mold growth in apartments.

In 1987 a Citizen's Action Request program was initiated by the city. Listed below are requests processed by this division:

Date	Area	Investigate	Invest. Referred	Request Info.
07/22/87	radon gas			x
07/22/87	flea problem			x
07/23/87	gas odor in building	x		
07/30/87	complaint on fence		x	
07/31/87	radon gas			x
08/04/87	junked vehicle	x		
08/04/87	pigeons	x		
08/05/87	yard not maintained	x		
08/07/87	weeds/junk	x		
08/07/87	ammonia smell	x		
08/11/87	junked vehicle	x		
08/13/87	junk/debris	x		
08/17/87	accum. of dead grass	x		
08/17/87	day care operation			x
08/18/87	radon gas			x
08/19/87	junked vehicle	x		
08/20/87	info. mobile food unit			x
08/25/87	dilapidate building	x		
08/27/87	fertilizer odor	x		
08/27/87	abandoned vehicle	x		
08/31/87	water problem/public restroom	x		
09/04/87	Dutch elm disease		x	
09/04/87	beet plant odor		x	
09/04/87	unsanitary housing	x		
09/09/87	dirty shower room	x		
09/09/87	hazardous waste mat.			x
09/29/87	beet plant odor			
10/01/87	unsanitary housing	x		
10/12/87	abandoned vehicle	x		
10/13/87	abandoned vehicle	x		
10/20/87	garbage/debris	x		
10/29/87	beet plant/noise		x	
11/05/87	abandoned vehicle	x		
11/09/87	abandoned vehicle	x		
11/13/87	garbage removal		x	
11/17/87	unsanitary housing	x		
12/04/87	not shoveling sidewalk		x	
12/09/87	abandoned vehicle	x		
12/09/87	pigeon	x		
12/17/87	housing information			x

CITY OF
MOORHEAD
FIRE DEPARTMENT

111 12th STREET NORTH, MOORHEAD, MINNESOTA 56560
 (218) 299-5434

QUARTERLY TOTAL
 ENVIRONMENTAL HEALTH REPORT

<u>1987</u>	<u>1ST</u> <u>QTR</u>	<u>2ND</u> <u>QTR</u>	<u>3RD</u> <u>QTR</u>	<u>4TH</u> <u>QTR</u>	<u>TOTAL</u>
Env. Health Man Hours on Field Inspections	232	212	194	183	821
Environmental Health Inspections	217	317	240	212	986
Written Violations	364	224	337	428	1,353
Verbal Violations	0	0	0	0	0
Corrections	241	270	236	203	950
Boarding/Lodging Inspections	14	5	7	7	33
Hotel/Motel	5	4	0	8	17
Place of Refreshment/Bar	11	0	1	1	13
Restaurant	88	63	78	74	303
Mobile Home Park	2	0	8	0	10
Swimming Pools	28	35	53	38	154
Nuisance	41	144	56	64	305
Mosquitos (Collect/Count)	0	22	17	0	39
Weeds/Mounds	2	7	1	0	10
Other	26	37	19	20	102
<u>TIME SPENT IN OTHER AREAS (HOURS)</u>					
Meetings & Conferences	51	36	30	28	145
Schools Attended	0	2	0	0	2
Classes Given	27	5	0	0	32
Health Investigations	4	15	6	8	33
Court Related Appearances	3	2	2	1	8
Plan Checks	<u>7</u>	<u>10</u>	<u>9</u>	<u>13</u>	<u>39</u>
TOTAL HOURS	92	70	47	50	259

Respectfully submitted,

Donald J. Lawrence
 Donald J. Lawrence

Director of Environmental Health



Norma Ann Quarberg
710 Main Ave. Apt. #6
Moorhead, MN. 56560

(218) 236-8984

June 17, 1987

Moorhead City Council
Moorhead, Minnesota 56560

Dear Council Members:

I wish to express my sincere thanks to the Moorhead Police, Firefighters, FM Ambulance Personnel and St Ansgars Hosptial for their effort to save my loved one, Jerry Hestiness.

I feel that they performed their duties as if Jerry was a personal family member. I will never forget what they did.

I would like to especially thank Police Officers Mitch McKaug and Wayne Arnold, Firefighters Dalan Rasmussen and Ron Sorun and Emergency Medical Technicians Mark Widstron and Brain Skjei.

Sincerely yours,


Norma Ann Quarberg

Mayor Lanning
City of Moorhead
Moorhead Center Mall
Moorhead, MN 56560

Dear Mayor Lanning:

My wife and I would like to express our deep appreciation to the City Police and Fire Departments and would like you to convey this to them for us.

On Sunday 6/14/87 we dialed the 911 number and the response of the Police and Fire Departments was prompt and very professional. The number was dialed because my daughter had fainted for no apparent reason.

It is very meaningful to know that we as parents can feel assured that in an emergency, prompt and professional attention can be received from our City's Police and Fire Departments.

Again thank you to those men and women who serve the people of our city!!!!!!

Sincerely



Jeff And Kathy Anstadt

CITY OF
MOORHEAD
MINNESOTA

BOX 779, 500 CENTER AVENUE, MOORHEAD, MINNESOTA 56560
(218) 299-5301

June 18, 1987

Jeff and Kathy Anstadt
225 38 Circle Avenue South
Moorhead, MN 56560

Dear Jeff and Kathy:

Thank you for your letter of appreciation for the service provided by our Police and Fire Departments. I received many letters like yours which certainly add to the pride that we have in our public safety services.

I have passed along your letter to those two departments. Again, thank you.

Sincerely,

Morris L. Lanning
Mayor

MLL:vgn:18/M3

CC: Les Sharrock, Chief of Police
✓ Marly Anderson, Fire Chief

CITY OF
MOORHEAD
MINNESOTA

BOX 779, 500 CENTER AVENUE, MOORHEAD, MINNESOTA 56560
(218) 299-5301

MEMORANDUM

June 18, 1987

TO: Les Sharrock, Chief of Police
✓ Marly Anderson, Fire Chief

FROM: Morris L. Lanning, Mayor

Please extend my thanks to the members of your department for their continuing efforts in providing quality service to the people of Moorhead.

18/M3



LOCAL

LONG DISTANCE

F-M AMBULANCE SERVICE, INC.

1101 FIRST AVENUE SOUTH - P.O. BOX 1892 - FARGO, NORTH DAKOTA 58107

(701) 293-7744

ADVANCED LIFE SUPPORT
PARAMEDICS
CARDIAC MONITORING
TELEMETRY EQUIPPED

April 29, 1987

Marlan V. Anderson, Fire Chief
City of Moorhead
111 12th Street North
Moorhead, Minnesota 56560

Dear Chief:


Thank you for your letter of April 8, 1987.

I don't see you as much as I used to. I would like to mention some observations made by Pat and myself over the past few years.

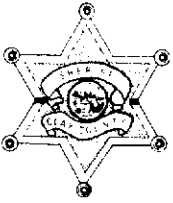
Before you became chief and about the time we initiated advanced life support, there was always a little dissension here and there. We have become so grateful that all of this has been eliminated. I have not heard of one incident in the last three years. The firemen, the ambulance paramedics and others have become a team. At a recent meeting one of our crews indicated what a good feeling it was to see the firemen at the scene when they drove up.

Pat and I, and all our people, wish to thank you and your entire department for all of the effort and the teamwork which we enjoy at this time. Please extend our appreciation to all those who have assisted us in working together to provide our community with what is considered a very high standard of prehospital care and transportation of the sick and injured.

Sincerely,


P. C. Davidson,
President

PCD/kw



CLAY COUNTY SHERIFF'S DEPARTMENT
PHONE 218-299-5151 • BOX 280 • MOORHEAD, MINNESOTA 56560

Jim Fischer, Sheriff

July 14, 1987

Chief Marlan Anderson
Moorhead Fire Department
111 North 12th Street
Moorhead, Minnesota 56560

Dear Chief Anderson:

On July 10, 1987, at approximately 3:00 p.m., there was an injury auto accident in the City of Dilworth. Upon arriving at the scene, several attempts were made to pry a door open on the disabled vehicle. The attempts were unsuccessful and the Moorhead Fire Department Rescue Unit was subsequently called to the scene.

Firefighters Al Bandvik and Harold Bradsteen of your department responded.

Upon their arrival at the accident scene, they were able to remove the door from the vehicle and aid in the extrication of the injured party. The manner in which they acted and their professionalism is a definite credit to the Moorhead Fire Department.

I had an opportunity, after your firefighters left, to talk with many of the spectators who were there and I heard several good, positive comments about the way your firefighters conducted themselves at the scene.

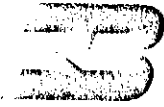
Thank you very much,

Larry A. Costello

Larry Costello
Deputy Sheriff/Dilworth City Council Member

LC

cc: Al Bandvik
Harold Bradsteen
Robert Erickson



BURLINGTON NORTHERN RAILROAD

Office of Division Superintendent
801 Main Avenue
Fargo, North Dakota 58103

Mr. Robert Erickson, City Manager
City of Moorhead
500 Center Avenue
Moorhead, Minnesota 56560

July 20, 1987

Dear Mr. Erickson:

It is only appropriate that I express my personal appreciation for the assistance and cooperation received in connection with the derailment on the Moorhead Bridge on July 10.

Situations of this type have the potential of injury to personnel and/or damage to adjacent property. Fortunately, with the assistance and coordination of your Fire and Street Departments, the situation was handled in a very efficient manner.

Thanks to your people for a job well done. If I can ever be of assistance as it pertains to Burlington Northern, do not hesitate to advise.

Sincerely,

T.A. Griffith
T. A. Griffith
Superintendent

cc: Mr. J. H. Christensen



Center Mall

MEMO TO: Marley Anderson
Fire Chief

FROM: Avis Ohman and Obert Morvig
Mall Manager Center Mall Condo President

DATE: August 10, 1987

RE: Deer in courtyard last Thursday (August 6)

We wanted to offer our special thank you for allowing the Fire Department to wash our windows with your equipment following the incident with the deer. Needless to say, it made the clean up for our window washers much easier and more pleasant.

Thank you again.



DOWNTOWN BUSINESS ASSOCIATION

502 NP Avenue P.O. Box 962 Fargo, North Dakota 58107 (701) 241-1570

Fire Chief Marlin Anderson
City of Moorhead
500 Center Avenue
Moorhead MN 56560

Dear Chief Anderson:

Thank you so much for your participation in our 3rd Annual Holiday Community Parade. It was a great time for everyone, and over 25,000 people lined the streets of Fargo Moorhead to watch things like Fire Trucks, Buckskinners, and Santa Claus go by, plus even more could watch it the following Saturday when it was aired on KTHI.

We appreciated having you in the Parade and the cooperation and help you were willing to give. It certainly makes my job much easier. Have a very Happy Holiday Season.

Sincerely,

Sue Braun
Executive Director

June 8, 1987

Dear Sirs:

I would like to thank each of you for letting us learn from your vocations and businesses.

The field trips for 1987 were excellent and a highlight each month for our children. We appreciate so much the time that you took to inform our children about the interesting aspects of our community and your unique profession.

It is interesting being a part of our children's education. We hope you benefited by becoming involved also.

Thank you.

Sincerely,

Mrs. Barbara Boeke

Mrs. Barbara Boeke

Field Trip Co-ordinator

Red River Valley Alternative Education Association

Fire Station Staff

9-8

... for the message on your sign ... 'School
Is Starting... Watch for Children'... Keep up the good
work!!!

*good
stuff!*

Jim Troccoli
Supt. of Schools

MOORHEAD STATE UNIVERSITY

A Century of Excellence / 1887-1987

Department of Biology
October 26, 1987

Marlan Anderson, Fire Chief
Moorhead Fire Department
111 12th Street North
Moorhead, MN 56560

Dear Chief Anderson:

I would like to express our appreciation of the fire safety training session conducted October 14th by your training officer, Marty Soeth.

The students certainly benefited from his knowledge, as well as the opportunity to use a fire extinguisher.

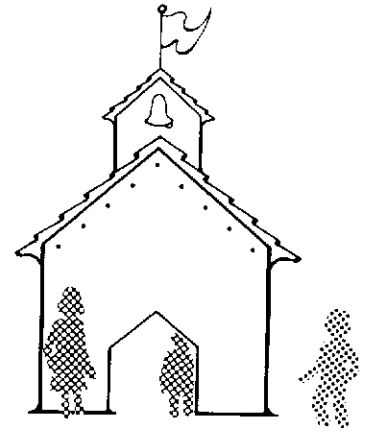
Sincerely,



Kathryn M. Wise
Associate Professor, Biology Department

KMW/db

A COMMUNITY EDUCATION PROGRAM OF THE MOORHEAD SCHOOL DISTRICT



• COMMUNITY RESOURCE PROGRAM • 236-6400 EXT. 367 •

February 12, 1987

Mr. Marty Soeth
American Heart Association
812 20th Street North
Moorhead, MN 56560

Dear Mr. Soeth:

Thank you for serving once again as a Community Resource person in our Moorhead classrooms.

Lois Seifert, Kay Richard, and the students appreciated the excellent job you did in teaching CPR. I hear that the students had good questions to ask. You have given them vital knowledge.

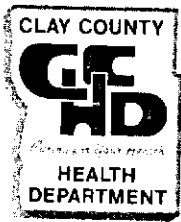
We are pleased that you are part of the Community Resource Program, as you provide education that is not available through traditional teaching methods. It is good to know that we can count on your support.

Sincerely,

A handwritten signature in cursive script that reads "Kay Batterman".

Kay Batterman
Community Resource Coordinator

KB:jlb



CLAY COUNTY HEALTH DEPARTMENT

914 8TH AVENUE NORTH
MOORHEAD, MINNESOTA 56560

April 28, 1987

Marty Soeth
Director of Training
Moorhead Fire Department
1120 1st Avenue North
Moorhead, MN 56560

Dear Marty:

I would like to thank you for presenting the In-Service to the Public Health Nurses on the Basic Life Support Refresher for CPR on February 25 of this year. The instructor evaluations indicated that the workshop was very beneficial, the objectives were clearly indentified and met and you as the instructor was very adequately prepared and knowledgeable on the subject area. Additional comments included, they were very comfortable with you as an instructor as you did not make them feel nervous, that you did an excellent job of answering questions and taking the time to answer their questions. All of the comments were very favorable.

I would also like to thank you for repair of Resuci-Annie. Since the Refresher Course you presented in February, two of the agency's staff members have completed the Instructor Training Course and will be teaching their first class the end of May. I anticipate that within the next few months, all agency staff will have completed at least the Basic CPR course.

Once again, I appreciate your assistance and guidance in helping us implement a CPR training program within the Health Department. The time you gave to us was very valuable and beneficial.

Sincerely,

Terri Overbeck, PHN

Terri Overbeck, PHN
Director of Nursing

TO/bb

June 30, 1987

TO: Marty Soeth
Training Officer

FROM: Sue Porter
Director of Recreation

RE: Teaching CPR & First Aid

On behalf of the Moorhead Parks and Recreation Department I would like to take this opportunity to thank you for your services you provided on First Aid & CPR Training to all the Park and Recreation Temporary employees, during Orientation week of June 8th through the 12th.

Your services enlightened all the Moorhead Park and Recreation temporary summer staff on how to handle medical emergency situation on the job.

Once again, sincere thank for helping make the Parks and Recreation Department Orientation week a success with your services.

cc: Marly Anderson



West Central Minnesota EMS Corporation

200 South Fifth Street • Suite 203 • Moorhead, Minnesota 56560 • (218) 233-0500

December 10, 1987

Mr. Marty Soeth
Training Officer
Moorhead Fire Department
1120 First Avenue North
Moorhead, Minnesota 56560

Dear Marty:

We are sending our most sincere thanks to you for all of the special time and effort you have given to testing EMTs and EMT-Refreshers this fall.


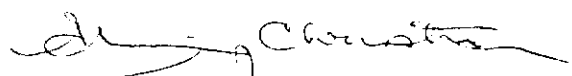
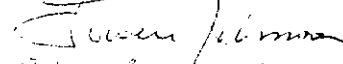
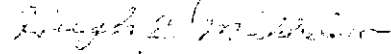
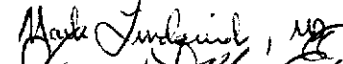
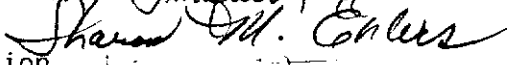
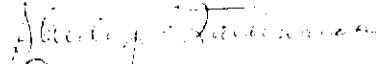
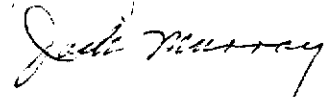
You have assumed and fulfilled a critical role in keeping our EMS system running smoothly.

Thank you.

Sincerely yours,


Juli Kane
Executive Director

WC MN Board of Directors


Pauline Eilers

Doug Christman

Steven Johnson

Douglas L. Miller

Mark Lundquist, MD

Sharon M. Eilers

Alan J. Harrison

Juli Murray

copy: Norm Hanson, Chief, MDH EMS Section

HARBOR SCHOOL

(A Tax Exempt Organization)

Moorhead-Fargo School for the Handicapped

Box 844

Moorhead, Minnesota 56560

Dec 31, 1987

Mhd. Fire Dept. Fund
1120 1st Ave N
Moorhead, Mn.

Dear Friends

Your generous gift this Christmas season in the amount of \$100.00 was received. We thank you and want to express our appreciation and gratitude for your continued support.

Harbor School is very special to us and the students and your help is truly needed.

Thank you again and we wish you all a Happy & Prosperous New Year

Sincerely
Mary Virginia Brogren
Corresponding Secy.

KATY WILSON
Aquatic Specialist
MSU

5-12-87

Dear Don,

Thanks alot for all you input
for the pool sanitation seminar. The
turnout was modest yet successful
for the first time for this type of seminar.
Next year I would like to require my
students to be there and add to the seminar.

Thanks again,
Katy Wilson

RESOLUTION

WHEREAS, the City Council of the City of Moorhead finds that on Friday, December 4, 1987, at 4:15 p.m., eleven year old Alvaro Garza fell beneath the ice in the Red River; and

WHEREAS, upon receipt of a 911 call for help for the child, the following emergency services responded rapidly to the site of the emergency:

Moorhead Fire Department, Moorhead Police Department, Fargo Fire Department, Fargo Police Department, FM Ambulance, Clay County Sheriff's Department; and

WHEREAS, these agencies and their personnel demonstrated superb professional skills in launching two rescue craft and probing the river channel for approximately forty minutes until the child was located on the river bottom; and

WHEREAS, the following individuals especially distinguished themselves in effecting the rescue of the child and comforting the distraught family:

Faith Bakke, Law Enforcement Dispatcher - Moorhead
Robert Larson, Police Officer - Moorhead
Morris Kelsven, Assistant Fire Chief - Moorhead
Daryl Hendricksen, Fire Fighter - Moorhead
Harold Bradsteen, Fire Fighter - Moorhead
Steven Kennedy, Police Officer - Moorhead
Dennis McCarthy, Fire Department Chaplain - Moorhead
Joe Upton, Assistant Fire Chief - Fargo
James Rieber, Fire Fighter - Fargo
Terry Wagner, Fire Fighter - Fargo
Wayne Anderson, Fire Fighter - Fargo
Jarett Coulter, FM Ambulance
Dave Herzog, FM Ambulance
Paul Ames, FM Ambulance
Kevin Lee, FM Ambulance
Dr. William Norberg, St. Luke's Hospitals - Fargo

WHEREAS, the medical personnel of Moorhead/Fargo's St. Luke's Hospitals, under the leadership of Dr. William Norberg, provided exemplary and state of the art emergency medical and surgical care for the child;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Moorhead, this 21st day of December, 1987, does hereby publicly commend these agencies and their personnel, and specifically commends those individuals mentioned by name in this resolution for their courage, selflessness and professionalism.

PASSED by the City Council of the City of Moorhead this 21st day of December, 1987.

APPROVED BY:

MORRIS L. LANNING, Mayor

ATTEST:

KAYE E. BUCHHOLZ, City Clerk

(SEAL)

Boy fighting for life

Survives 45 minutes under ice

By Betsy Cerboth

STAFF WRITER

An 11-year-old Moorhead boy was fighting for life late Friday after being trapped under ice in the Red River for nearly 45 minutes.

When Alvaro Garza was pulled from the river, he had no pulse and was not breathing, according to a spokesman for the Fargo-Moorhead Ambulance Service.

The spokesman said the child was clinically dead when he was pulled out of the water. He was rushed to a rescue boat to a waiting ambulance, where paramedics performed cardiopulmonary resuscitation before taking him to St. Luke's Hospitals in Fargo.

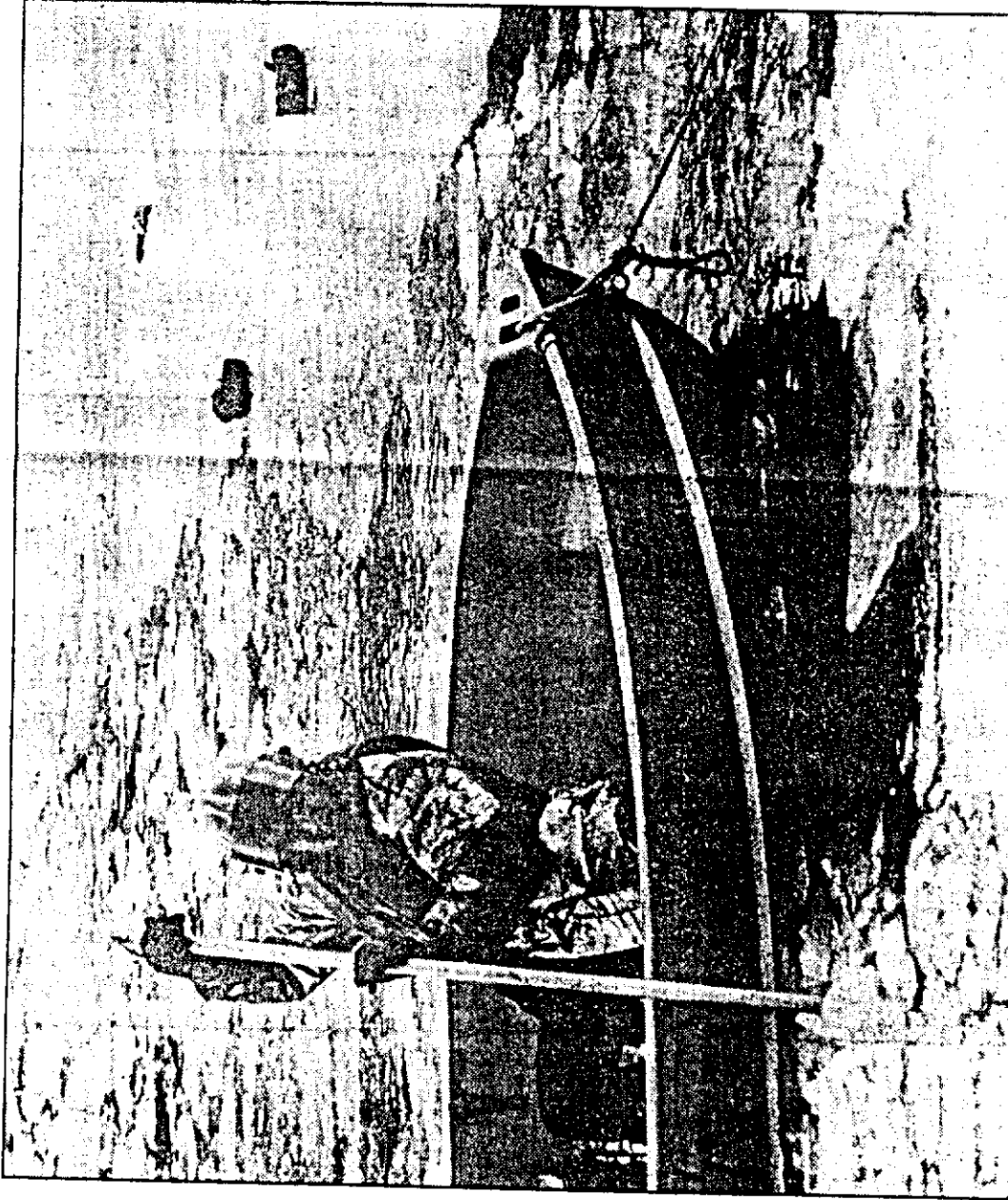
Garza was listed in critical condition late Friday.

According to witnesses, Garza had been sledding late Friday afternoon with three companions on the Moorhead side of the river in Memorial Park near 4th Avenue North.

One of the boy's cousins said Garza's sled slid onto the river and broke through the ice. He was able to hang on to the ice with his head above water for a few minutes and call for help before he went under, she said.

Garza's companions reportedly attempted to rescue the boy with long branches. When their attempt proved futile, they ran to nearby homes for help, witnesses said.

Emergency crews from Fargo and Moorhead received the call about 4:15 p.m. Crews in boats



COLUMBIA HUBBARD FORUM

A rescue squad member probes the Red River as Alvaro Garza's boots lie on the ice in the background.

River

Back page, Column 3

Hospital made use of time to give child chance to survive

By Betsy Gerboth
STAFF WRITER

Dr. William Norberg was ready when Alvaro Garza arrived at St. Luke's Hospitals Friday evening.

After spending 45 minutes underwater in the icy Red River, the child's body temperature was 77 degrees. He had no pulse and no respiration and was considered clinically dead.

But St. Luke's had almost an hour's warning that there was a child under the ice in the river, and they used the time.

"The warning really helped," Norberg said late Friday. "As soon as we found out he was in the water, we knew we were in big trouble. We knew we had to put in a super effort if we were going to provide this child with a chance of survival."



NORBERG

At a late Friday news conference, Norberg gave Garza a 5 percent to 10 percent chance of survival.

"He ... is in a category that he can survive and could be OK," Norberg, a pediatric critical care medicine specialist, said. "However, his chances are not terribly good."

After being pulled from the river, Garza was given cardiopulmonary resuscitation by ambulance service paramedics.

Upon his arrival at St. Luke's, emergency room personnel continued CPR, and the child was rushed into the operating room at 5:15 p.m.

Norberg performed a heart-lung bypass to increase the boy's temperature and to make his blood start circulating again.

Garza's underwater ordeal caused his cells to quit functioning, Norberg explained. "When we

warm them, we have to ... provide oxygen for the cells to breathe and energy for them to be able to function."

Garza was immediately put on a heart-lung machine, which helps restore oxygen to the blood, removes carbon dioxide from the blood and pumps it around the body.

Just before 10 p.m., the boy was being weaned away from the heart-lung machine, but he still needed extensive medical support, Norberg said.

"He is on a respirator, on anesthesia and medications," he said. "He is on total medical support."

Cases like Garza's don't occur very often, Norberg said. He said the victims of the 1982 crash of an Air Florida plane into the Potomac River in Washington D.C., received similar medical treatment.

"But this kind of case is rare," he added. "When kids get under the ice, they're rarely found."

□ River

Continued from Page A1

from the Cass County Sheriff's Department and the Moorhead Fire Department chipped away at ice on the river with long poles with hooks, then used the poles to search underwater.

Curious bystanders mingled on the riverbanks with reporters and authorities from Fargo and Moorhead police and fire departments, ambulance crews and the sheriff's office.

Authorities had contacted divers to assist in the search, but the child was found before they arrived.

Garza's boots apparently came off before he fell through the ice. The boots rested on the ice about 25 feet south of where the child was pulled from about 8 feet of water on the Fargo side of the river.

After rescuing the child, authorities transported his family to St. Luke's, and they were ushered into a small room near the emergency waiting room.

The Rev. Dennis McCarthy, Moorhead Fire Department chaplain, spoke with family members at the hospital.

"They're very traumatized," McCarthy told reporters. "This is so overwhelming to them."

McCarthy said the child's family is from Texas and is spending several months doing seasonal work in the area.

About 5:15 p.m., the boy was transferred from the hospital's



NICK CARLSON/THE FORUM

Friends and family members watch the rescue.

emergency room, with crews continuing to perform CPR.

Nursing supervisor Kathy Hanish told reporters shortly before 6 p.m.

that the child was still alive, but offered no other information.

"It's a case of life and death right now," Hanish said.

Moorhead Council honors those who helped save Alvaro's life

By John Sundvor

MINNESOTA EDITOR

What happened in Moorhead Monday night was a testimonial to a championship team that transcended city limits and state boundaries and brought a young boy back from the dead.

Moorhead Fire Chief Marlan Anderson called the rescue and eventual recovery of Alvaro Garza Jr., the 11-year-old boy who fell through the ice into the Red River Dec. 4 and was submerged for 45 minutes, a "miracle."

He recovered and returned home Monday because of the efforts of "some very special people," said Mayor Morris Lanning.

The mayor pointed to a collection of 17 people — including Alvaro's young friend, Clark Longie of Moorhead — and said the boy survived because of their efforts.

When Alvaro slipped through the ice that Friday afternoon, it was Clark who ran to a telephone and dialed the emergency 911 number to ask for help.

"Clark Longie held the key to a successful rescue," the mayor said, presenting him with a ceremonial key to the city. "What he did is a real testimonial to what we want our parents to teach their children about our 911 service."

The presentation seemed to overwhelm Alvaro's 11-year-old friend,

who flashed a nervous smile as he took the key and quickly left the council chambers.

But there were others who played important roles in the rescue, too. And they were presented with commendations from the city and Minnesota Gov. Rudy Perpich, and citations from the Moorhead VFW:

- Faith Bakke, a dispatcher at the Clay County Law Enforcement Center, received Clark's call and set the rescue in motion.

- Police officer Robert Larson quickly dispatched emergency personnel to the river and supervised rescue efforts.

- Assistant Moorhead Fire Chief Morris Kelsven dispatched fire crews to the scene.

- Assistant Fargo Fire Chief Joe Upton launched a rescue effort from the Fargo side of the Red River.

- Moorhead firefighters Daryl Hendrickson, Harold Bradsteen, and Moorhead Police officer Steven Kennedy manned the Moorhead rescue boat. It was Hendrickson, Lanning said, "who miraculously found Alvaro when it seemed impossible for anyone to find him in that murky water."

- Fargo fire fighters James Rieber, Terry Wagner and Wayne Anderson operated a Fargo rescue boat. And Rieber, the mayor said, "at personal risk helped pull the boy

from the water."

- Dennis McCarthy, chaplain for the Moorhead Fire Department, stayed at the scene, consoling the family while the rescue took place.

- Jarett Coulter, David Herzog, Paul Ames, and Kevin Lee made up the F-M Ambulance crews that administered cardiopulmonary resuscitation and cared for Alvaro when he was pulled from the water.

- Dr. William Norberg cared for Alvaro after he was taken to St. Luke's Hospitals in Fargo.

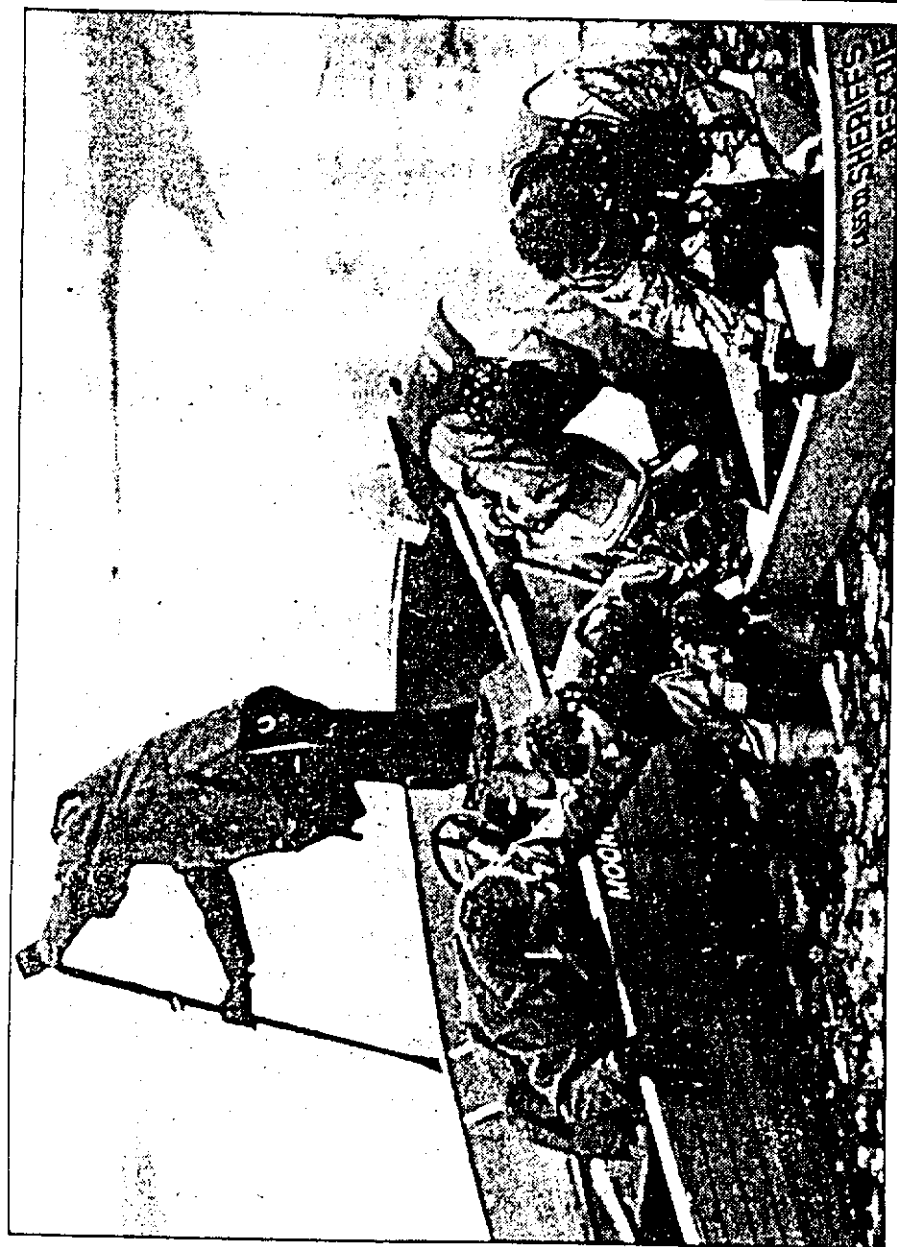
Because of his medical skill, Lanning said, Norberg "has become a household name throughout the country."

"I think the world has watched us over the past 17-18 days," Norberg said. "What they found was that the communities of Fargo and Moorhead function very well. This is an actual textbook illustration of how good a system can work and how we can work together."

The coordination of police from both cities, the fire departments working together and the rescue squad coordinating with the hospital allowed everyone to provide Alvaro with a maximum opportunity to survive, he said.

"I think this is a unique experience of us, and I doubt that any other community in the world will ever match this," Norberg said. "I thank you all for your help."

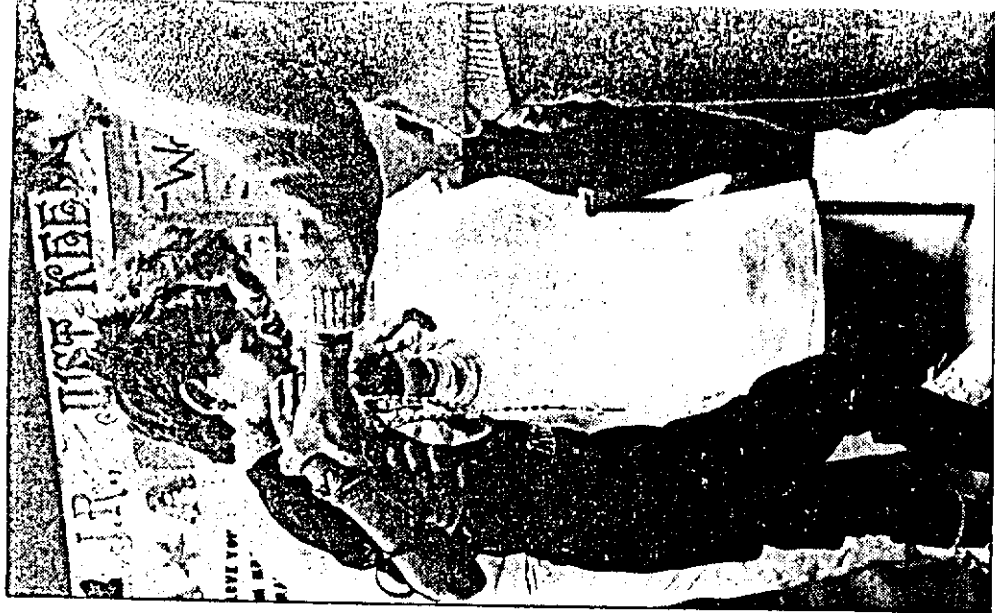
Christmas miracle in Fargo



What a difference a week makes

Miracle

_____ berts "looking at the radio and _____ was the time when he (Garza) first



COLBURN HUBBARD FOR THE ...

Just a week ago Friday an unconscious Alvaro Garza Jr. was pulled out of the icy Red River after being submerged an estimated 45 minutes, above left. He was clinically dead. After a miraculous recovery in St. Luke's Hospital, Garza took a few shaky steps in his room Saturday, above right, with the help of nurse Rosie Henicke and his mother, right.

Alvaro leaves the hospital

By Jim Neumann

Alvaro Garza Jr., dwarfed by a battery of microphones, lights and cameras, stood meekly and said thank you Monday. Then he went home for a quiet Christmas with his family.

Alvaro's rescuers honored by Moorhead council/B14

Walking gingerly, his ankles and wrists supported by braces, Garza was discharged Monday afternoon from St. Luke's hospital in Fargo, 17 days after his dramatic rescue from a near-drowning.

"I would like to thank everybody who prayed for me and helped me. I can't wait to get home and back to school," Garza, reading from a written statement, told reporters and applauding well-wishers. "Merry Christmas everybody."

Rescue workers dragged Garza from the frigid Red River on Dec. 4 after he fell through thin ice while playing. He was trapped underwater an estimated 45 minutes and was clinically dead when rushed to the hospital.

While Garza continues to suffer some aftereffects, Dr. William Norberg, a hospital critical care specialist, said doctors are pleased with the Moorhead boy's recovery. He should be ready to return to school after the Christmas recess, Norberg noted.

"All of us who have examined him and watched him with this anticipate a good outcome in the long run," he said. "His general health has been good, and we've found him acting and reacting very much like an 11-year-old child."

Garza wears braces on his ankles and splints on his wrists because he has only limited use of

Alvaro
Back page, Column 5



Alvaro Garza waves to classmates Monday as he leaves St. Luke's. Next to him is Dr. William Norberg. Alvaro's mother, Mary, is at right.

12/22/87

□ Alvaro

Continued from Page A1

the muscles in his extremities.

Norberg said doctors believe Garza cannot use his hands and has difficulty with his feet because nerves that carry electrical impulses to his muscles were damaged by the frigid river water.

Doctors have been surprised by the extent of Garza's nerve injuries. While they believe he will recover fully, cases like his are so rare that no one can say for sure, Norberg acknowledged.

"He's been showing more function in his feet. He's been able to be active without (ankle braces). We haven't seen as much progress with the hands as we have with the feet and the legs," Norberg said. "He may need those (braces and splints) anywhere from another three weeks to another four months."

Norberg also noted that Garza's cheeks were puffed and sore Monday from what doctors believe is a cold-related irritation of fat pads in his face.

He said he continues to see no sign Garza suffered brain damage despite his lengthy submersion. Rapid cooling of Garza's body slowed cell activity and probably protected his brain from damage, Norberg said.

Garza's parents, Mary Helen and Alvaro Garza, were little concerned with their son's physical problems on Monday. They said they were glad to be taking him home.

"This Christmas will be the happiest we have ever had. We're excited to go home and spend time together as a family," Mary Helen Garza said. "Junior is hungry for tortillas and refried beans, so that will be one of the first things I will make for him when he gets home."

Garza's miraculous rescue from the river and his recovery captured the imagination of journalists and well-wishers across the nation, and the press conference announcing his discharge from St. Luke's was meticulously orchestrated by hospital public relations workers.

Red, yellow, orange, green, white

and purple balloons festooned the lobby of the adjoining Fargo Clinic, where the press conference was held. A banner proclaimed "Best Wishes Alvaro!"

Approximately 200 hospital personnel, family members and well-wishers applauded during the press conference. Garza's fifth-grade classmates from Moorhead's George Washington School sang "Rudolph the Red-Nosed Reindeer." Later, they gathered outside for a mass release of balloons as Garza left the hospital.

Garza wore a white sweatshirt touting the "Children's Miracle Network Telethon," a nationally syndicated telethon he will appear on next year to raise money for children's hospitals at St. Luke's and elsewhere across the country.

Family members wore St. Luke's jackets, and Garza and his parents read statements hospital public relations personnel helped them prepare.

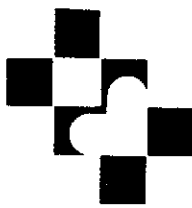
Norberg said Garza's recovery provided new insights into the treatment of cold-water drowning victims that can be shared with other doctors across the country.

Physicians at St. Luke's learned that water damage to lung tissue can be significant in such cases and can require extensive use of ventilators, he noted.

"I think the emphasis I will be making to my medical colleagues will be that one must be prepared to support him longer than just the warming period, and one may need vigorous respirator support," he said. "And then we'll just keep reminding them that the effort is worth it."

Garza still is unable to remember details of his near-drowning. The trauma of the accident and anesthesia he underwent at the hospital probably will prevent him from ever recalling the incident, Norberg said.

"We talked about that this morning and specifically asked him if he remembered anything about it and he said no," Norberg said. "I don't think there's any record of that in his memory, so I don't think there's anything to regain."



St. Luke's Hospitals
MeritCare

5th St. North at Mills

Fargo, North Dakota 58121

701 234 6000

December 18, 1987

Daryl Hendrickson
Moorhead Fire Department
111 12 Street North
Moorhead, MN 56560

Dear Daryl:

On behalf of St. Luke's Hospitals--MeritCare and Children's Hospital--MeritCare, we would like to thank you for your outstanding effort in pulling Alvaro Garza from the Red River.

Your determination, skill and commitment to finding and rescuing Junior is commendable. It is reassuring to know that the Moorhead Fire Department has such dedicated and highly proficient personnel available during life-threatening situations.

We salute your expertise and cooperation during this emergency. You are an integral part of the Pediatric Trauma Team at Children's Hospital--MeritCare. The staffs of St. Luke's Hospitals--MeritCare and Children's Hospital--MeritCare are proud to be associated with the caliber of people like you.

Thank you again for your assistance and team effort in saving Junior's life.

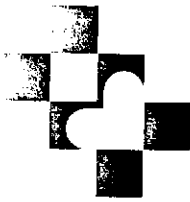
Sincerely,

Greg Bjerke, MD
Emergency Room

Jeff Hoss, RN
Emergency Room Manager

Roseann Krantz, RN
EMS Coordinator

✓ cc: Marlan Anderson



St. Luke's Hospitals
MeritCare

5th St. North at Mills

Fargo, North Dakota 58122

701 234-6000

December 18, 1987

Marlan Anderson
Moorhead Fire Department
111 12th Street North
Moorhead, MN 56560

Dear Mr. Anderson:

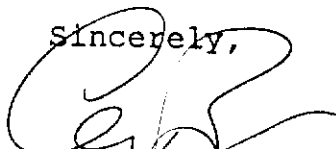
On behalf of St. Luke's Hospitals--MeritCare and Children's Hospital--MeritCare, we would like to thank you and your fellow firefighters in your participation and tremendous effort in rescuing Alvaro Garza from the Red River.

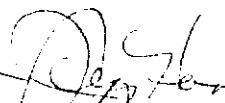
The Moorhead Fire Department is an integral part of the Pediatric Trauma Team at Children's Hospital--MeritCare. It is reassuring to know that your department has the dedication, commitment and high-level of proficiency necessary in life-threatening situations.

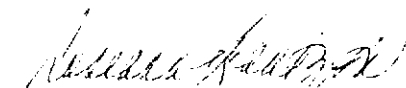
This recent emergency exemplified the need for cooperation among various agencies in Fargo and Moorhead. It was an excellent example of team effort and outstanding contributions by everyone involved.

Your department's participation in saving Junior's life is greatly appreciated. The staffs of St. Luke's Hospitals--MeritCare and Children's Hospital--MeritCare are proud to be associated with your department. Please share our appreciation with your fellow firefighters.

Sincerely,


Greg Bjerke, MD
Emergency Room


Jeff Hoss, RN
Emergency Room Manager


Roseann Krantz, RN
EMS Coordinator



All the world
is beautiful
at Christmas.

200 N. Ellamino Road #76
Oceanside, CA 92054

Chief and members Moorhead
Fire Department
Moorhead, MN 56560

I have been following with interest
the miraculous improvement of
11-year Olvaso Karga from a
drowning accident in the Red River.

I commend and thank you for your
heroic actions. You have indeed
given the nation a magnificent
and beautiful early Christmas gift.

George H. Erickson
(MHS graduate, class of 1935)



West Central Minnesota EMS Corporation

200 South Fifth Street • Suite 203 • Moorhead, Minnesota 56560 • (218) 233-0500

December 15, 1987

Marlan Anderson, Chief
Moorhead Fire Department
1120 First Avenue North
Moorhead, Minnesota 56560

Dear Chief Anderson:

The Board of Directors and I extend our heartiest congratulations to your department for participating in the remarkable rescue of Alvaro Garza.

So much of EMS is a silent reserve of training, teamwork and equipment until these resources are activated by this type of critical incident. Suddenly, your excellence has enlightened our community and the nation about what an effective EMS system is and how it works.

We commend you!

Sincerely yours,

Juli Kane
Executive Director



CITY OF FARGO

NORTH DAKOTA
58102

FIRE DEPARTMENT
637 N. P. AVENUE

CHIEF'S OFFICE
235-8918

FIRE PREVENTION BUREAU
232-3328

December 7, 1987

Marlan Anderson, Chief
Moorhead Fire Department
111 - 12th Street North
Moorhead, Minnesota 56560

Dear Chief Anderson:

Thank you, your men, and your department for all efforts on Friday, December 4th in the rescue of Alvaro Garza from the Red River. We greatly appreciate everyone's help in this rescue. The cooperation and coordination of our two departments in this emergency were instrumental in finding this boy and possibly saving his life.

Thank you again.

Sincerely yours,

FARGO FIRE DEPARTMENT

Harold E. Martinson, Chief

HEM:hbn