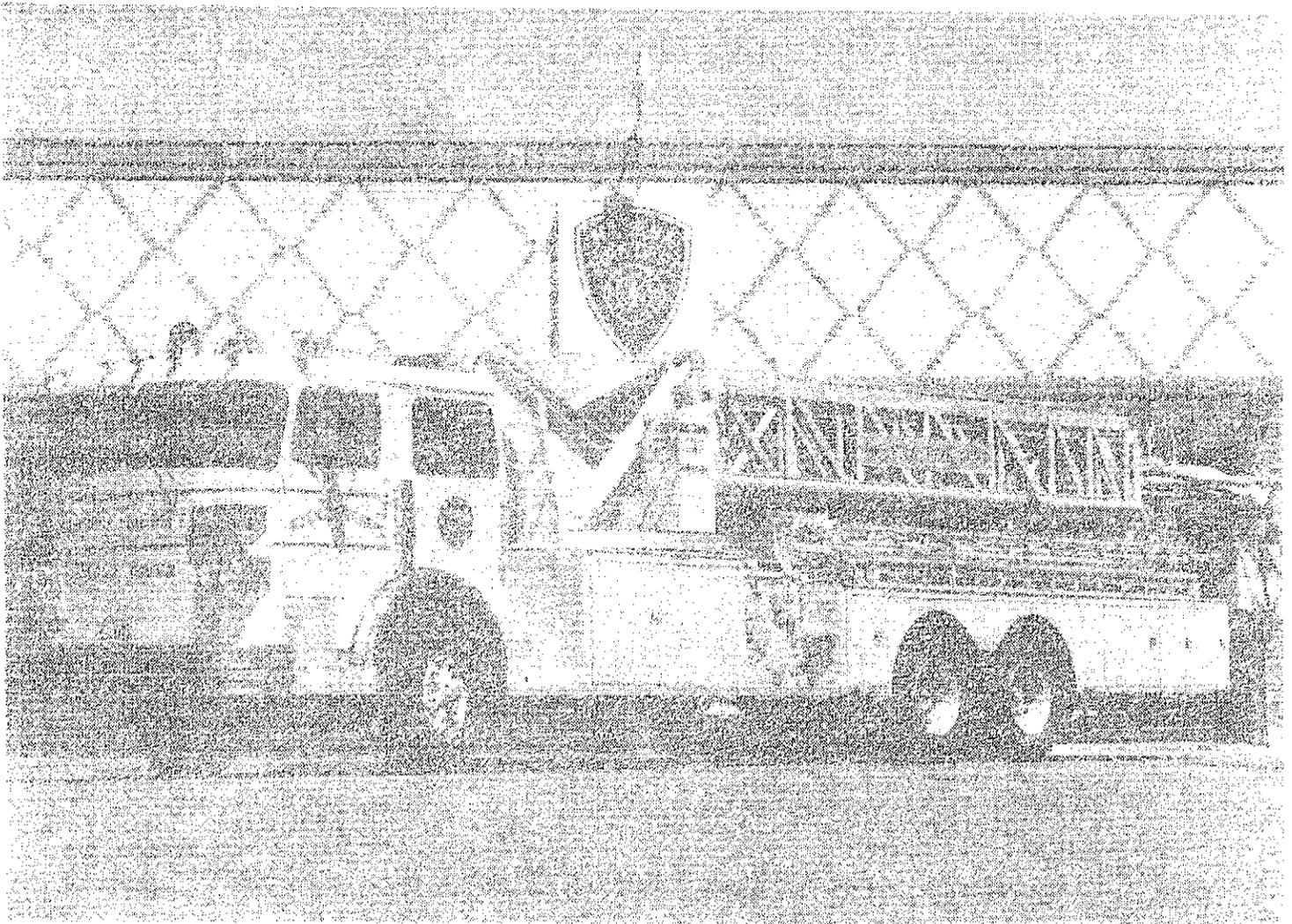


HELENA FIRE DEPARTMENT 1984 ANNUAL REPORT

AS SUBMITTED TO
THE HONORABLE MAYOR AND THE CITY COMMISSION

NORM GRAY, FIRE CHIEF

RICH COE, ASST CHIEF



"LEARN NOT TO BURN"



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Commissioners
Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Blake Wordal

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

January 31, 1985

Mr. Robert A. Erickson
City Manager
316 N. Park
Helena, MT 59623

Dear Mr. Erickson,

I am pleased to submit to you the Annual Report of the Helena Fire Department which contains statistical data and information relating to the various operations and activities for 1984.

The year 1984 has been an interesting and rewarding year for us. I feel that we have made some impressive progress in several areas this year.

TRAINING: Combining technical training with our on-going programs of pre-planning, city familiarization, hydrant locations and sprinkler system training, our firefighters are able to keep up with the ever increasing demands which they are faced with each day.

FIRE PREVENTION: With one (1) full time man and two (2) part time men, our Fire Prevention Bureau is increasing productivity and becoming much more efficient. One (1) new part time inspector started work in the Bureau in mid October and this has helped increase our total inspection out-put 254 inspections over 1983. Fire Prevention officer, Bob Knudson, is intensifying our Public Education Programs through the use of the news media.

EMERGENCY MEDICAL SERVICES: With the change in operation of the ambulance service, we are expecting to see a terrific increase in EMS calls this year. We responded to 352 EMS calls in 1984. Each year the number of EMS calls has increased, which is starting to put a strain on our overall operation, however, I feel that this service is being relied upon by the citizens of Helena more and more.

HAZARDOUS MATERIAL INCIDENTS: Our new firefighter has had training and experience in hazardous material situations and while working in Fire Prevention has been giving us some expertise in this field which we have never had before.

We went to bid for a new 1250 GPM pumper this year and the truck will be delivered in December of 1985.

This year we responded to 832 alarms and 202 were actual fires. Our estimated fire loss for the year was \$183,804.00, which was substantially less than the previous year. The best statistic for the year was that 1984 was the second year in a row in which we had no fire deaths in the City of Helena. There were no civilian injuries and two (2) minor injuries to firefighters for the year.

I am very proud of the members of the Helena Fire Department and would like to thank them for the dedication which they show throughout the year.

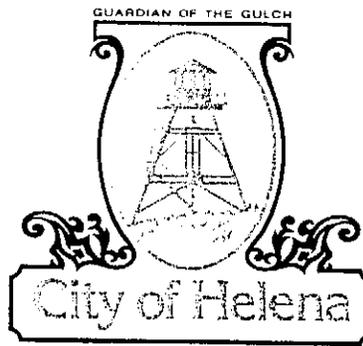
I would also like to thank you, the City Commission and the employees of the City of Helena for the co-operation which I have received this past year.

Respectfully submitted,

Norm Gray
Norm Gray, Fire Chief
Helena Fire Department

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MAYOR

RUSS RITTER

COMMISSION

RAYLEEN BEATON
MIKE DASILVA
JOAN DUNCAN
BLAKE WORDAL

CITY MANAGER

ROBERT ERICKSON

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Norm Gray

HELENA FIRE DEPARTMENT

FIRE CHIEF

NORM GRAY

ASST. FIRE CHIEF

RICH COE

FIRE PREVENTION BUREAU

FF III-FPO - BOB KNUDSON

FF - JOEL KING

PFF - FRITZ ZETTEL

COMBAT

<u>SHIFT #1</u>		<u>SHIFT #2</u>		<u>SHIFT #3</u>	
Capt.	Ron Jacobsen	Capt.	Don Holshue	Capt.	Bob Pare
Lt.	Ted Simpson	Lt.	Dennis Sorrels	Lt.	Joe Cross
FF 1/C	Ron Morris	FF 1/C-Mech	Don Hurni	FF 1/C	Art Kreiger
FF 2/C-EMT	Jim Skinner	FF 2/C-EMT	Mike Foster	FF 2/C	Bob Olson
FF III-EMT	Warren Ziegler	FF III-EMT	Jay Moore	FF III-EMT	Harry Crawford
FF III	Don Gage	FF III	Mike Spotorno	FF III	Dale Klugman
FF III	Doug Duncan	FF III-EMT	Ed Flies	FF III-EMT	Norb Roth
FF I-EMT	Pat Clinch	FF II-EMT	Steve Larson	FF III-EMT	Jim Feucht

SECRETARY

BERNIE MARTIAN

New man - Fritz Zettel

Commissioners
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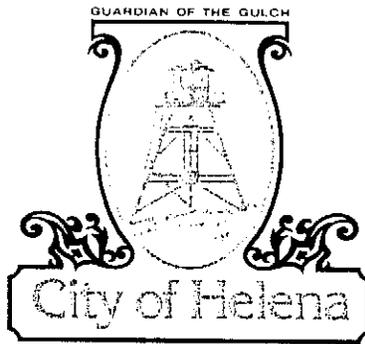
FIRE APPARATUS

1984

<u>APPARATUS #</u>	<u>STATION</u>	<u>TYPE APPARATUS</u>	<u>DESCRIPTION</u>	<u>YEAR</u>
Engine 1	1	1250 Pumper	Seagraves	1975
Engine 2	2	1250 Pumper	Hahn	1980
Engine 3	1	1000 Pumper	FWD	1962
Truck 1	1	85' Tower	Sutphen	1976
Truck 2	2	75' Ladder	Pirsch	1946
Squad 1	1	Mini/Rescue	Chevrolet	1979
Squad 2	2	Mini/Rescue	Dodge	1976
#127	1	Staff	Ford 2 dr	1980
#128	1	Staff	Ford 4 dr	1980
#129	1	Staff Pickup	Ford PU	1981
#130	1	Staff Pickup	Ford PU	1985

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FIRE INCIDENT STATISTICAL REPORT

Source of Alarm

	<u>This Year</u>	<u>Last Year</u>
Fire Department telephone	372	415
Police Department telephone	388	367
Alarm Board	43	46
Radio	15	17
Direct report	14	15
Total	<u>832</u>	<u>860</u>

Type of Situation Found

	<u>This Year</u>	<u>Last Year</u>
Fire, explosion, etc	202	229
Smoke scare	73	98
Rescue, crash, emergency	352	336
Hazardous condition	42	58
Public Service	31	22
Alarm - (no fire).....	82	80
False alarm (malicious)	15	11
Electrical problem	34	21
Miscellaneous	1	5
Total.....	<u>832</u>	<u>860</u>

Total Alarm by Area

	<u>This Year</u>	<u>Last Year</u>
In City	797	833
Fire District	28	23
Contract	5	11
Mutual Aid	2	3
Total	<u>832</u>	<u>860</u>

-continued on next page

Fire Location

	<u>This Year</u>	<u>Last Year</u>
In building	68	99
Wild land	37	29
Rubbish near building	8	8
Rubbish in vacant lot	9	14
Trash cans	5	3
Vehicles	41	39
Dumpsters	28	32
Miscellaneous	6	5
TOTAL	<u>202</u>	<u>229</u>

Fire Control Method

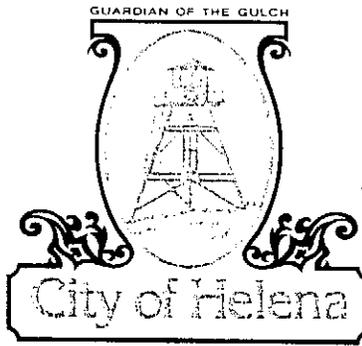
	<u>This Year</u>	<u>Last Year</u>
By Fire Department	173	192
By occupants	4	7
Sprinkler System	1	0
Fire out on arrival	19	25
Other	5	5
TOTAL	<u>202</u>	<u>229</u>

Fire Causes (In Buildings)

	<u>This Year</u>	<u>Last Year</u>
Chimneys and wood burning appliances	32	47
Combustibles near heaters	11	9
Careless use of open flame	0	6
Careless use of smoking material	4	4
Children with matches	2	0
Defective electrical	10	7
Flammable liquids	1	4
Fireworks	3	0
Natural conditions	0	1
Incendiary	3	17
Suspicious	1	0
Unknown	1	0
Miscellaneous	0	4
TOTAL	<u>68</u>	<u>99</u>

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Fire Chief
 Norm Gray

Fire Loss Analysis

	<u>This Year</u>		<u>Last Year</u>	
	<u>Fires</u>	<u>Loss</u>	<u>Fires</u>	<u>Loss</u>
Public Buildings	2	\$ 250.00	2	\$ 25,000.00
Dwellings	60	\$ 138,325.00	83	\$ 619,955.00
Mercantiles	5	\$ 4,500.00	11	\$ 2,034,250.00
Manufacturing	0	-0-	0	-0-
Miscellaneous	1	\$ 700.00	2	\$ 70.00
Outdoor (vehicles)	70	\$ 40,029.00	72	\$ 26,580.00

Total Fire Loss

	<u>This Year</u>	<u>Last Year</u>
Outdoor fires (vehicles & dumpsters).....	\$ 40,029.00	\$ 26,580.00
Building fires	\$ 143,775.00	\$2,679,275.00
TOTAL ESTIMATED FIRE LOSS	\$ 183,804.00	\$2,705,855.00

Death and Injury

	<u>This Year</u>	<u>Last Year</u>
Civilians injured	0	1
Firefighters injured	2	2
TOTAL	2	3
Civilians killed	0	0
Firefighters killed	0	0
TOTAL	0	0

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Fire Chief
Norm Gray

TO: Norm Gray, Fire Chief
FROM: Bob Knudson, Fire Prevention Officer
DATE: January 24, 1985
SUBJECT: Annual Report from the Fire Prevention Bureau
for the Year of 1984

COMMENTARY:

THE NEED FOR FIRE PREVENTION

The definition of "Fire Prevention" would be the act of preventing or hindering the phenomenon of combustion manifested in light, flame and heat. Therefore, to us Fire Prevention is nothing more than stopping a fire before it can start.

Among the many measures that can be taken to reduce fire losses, perhaps none is more important than educating people about fire. Americans must be made aware of the magnitude of fire's toll and its threat to them, their family, home and businesses. They must know how to minimize the risk of fire in the buildings they occupy. They must know how to cope with fire quickly and effectively once it has started. Public education has been cited by many people as the single activity with the greatest potential for reducing losses.

The prevention of fires due to human carelessness is not all that fire safety education can hope to accomplish. Many fires caused by faulty equipment rather than carelessness could be prevented if people were trained to recognize these problems. Also, many injuries and deaths could be prevented if people knew what to do, whatever its cause.

The functions of the Fire Prevention Bureau are many. The Bureau is responsible for conducting routine, as well as technical fire inspections, complaint investigations, fire and arson investigations, plan reviews for commercial construction and remodeling, consultation with architects, contractors, and property owners concerning all aspects of fire protection and prevention. The Bureau also has the task of informing the public about its fire safety program and how it concerns each and everyone of them. To reach this broad area of people in our community, it takes a constant on-going public education program.

In order to accomplish this, the Bureau uses several different things, including the use of the news media, talks at meetings, two (2) seasonal programs, including Fire Prevention Week and spring clean-up, and various other programs for educating children, baby-sitters, employees and employers in many of the different businesses throughout our community.

This brings me to the goals of the Bureau for the up-coming year of 1985.

- 1) To continue our inspection program and file modifications.
- 2) To investigate all suspicious, incendiary, large loss fires and those fires which result in a death.
- 3) To attend any schools which would further my knowledge of fire prevention and/or fire investigations.
- 4) To improve our public education program by supplying the radio stations with public service announcements, one a month.
- 5) To improve our permit system for hazardous materials. Included in this would be the storage of hazardous materials and also, L.P. gas containers.
- 6) The Fire Prevention Bureau has undertaken a hazardous materials risk assessment for the City of Helena, Montana. Some of the goals of which are:
 - a) The identification of facilities involved in the storage, handling, use or transportation of hazardous materials.
 - b) Establishing and maintaining a file for material safety data sheets. MSD sheets contain such information as:
 - Chemical name and synonyms,
 - physical properties,
 - fire and explosion hazards,
 - reactivity/incompatibility data,
 - health hazard information,
 - first aid and medical treatment,
 - precautions for handling and storage,
 - steps to be taken in the event of a spill or release of material,
 - waste disposal information.

- c) The placarding of all buildings and facilities involved in the storage, handling, use, or transportation of hazardous materials in accordance with Uniform Fire Code Standard No. 79-3. This identification system provides emergency personnel with immediate information as to the health, flammability and reactivity hazard for the facility.
- d) Establishment of medical protocols for hazardous materials incidents with St. Peter's Hospital.
- e) Evacuation plans for high life hazard facilities in the primary and secondary evacuation zones. Example: Bryant School, 1529 Boulder, has been identified as being in the primary evacuation zone for 34 materials, and in one instance is 150 feet inside the initial isolation zone, the area deemed to be immediately dangerous to life and health.
- f) Establishment of requirements for permits involving hazardous materials.
- g) Training fire department personnel to identify, properly resolve a hazardous materials incident.

1984 CODE ENFORCEMENT ACTIVITIES

INSPECTIONS

Annual Report/Fire Prevention Bureau
 January 24, 1985
 page 4

<u>OCCUPANCY TYPE</u>	<u>NUMBER OF INSPECTIONS 1984</u>	<u>NUMBER OF INSPECTIONS 1983</u>
Mercantile	148	31
Educational	23	28
Public Assembly	96	116
Residential	156	147
Business	89	36
Industrial	77	62
Miscellaneous	<u>21</u>	<u>39</u>
Sub Total	610	459
Re-Inspections Conducted	187	84
TOTAL INSPECTIONS FOR 1983-84	797	543

FIVE YEAR COMPARISON

<u>YEAR</u>	<u>TOTAL INSPECTIONS</u>
1984	797
1983	543
1982	778
1981	1,145
1980	749

The increase in the number of inspections completed, was because of the additional manpower provided. This figure will again raise in 1985.

NOTICES, ORDERS & CITATIONS:

Notices are issued for the correction of routine violations, orders are issued for the correction of more hazardous violations, and to gain code compliance, after all other measures have failed, a citation would be issued.

During 1984, there were 358 notices, 12 orders and no citations issued.

PLAN REVIEWS:

The Fire Prevention Bureau is responsible for plan reviews of all new construction and remodeling of commercial structures, plus plan reviews for all fire protection systems that are installed.

Total plan review hours for 1984, 103 hours.

FIRE INVESTIGATION:

As required by State law, the Bureau is responsible for investigating all fires within its jurisdiction. In 1984, the Bureau investigated all fires which were of incendiary origin, suspicious origin, where there was injury or death and large dollar loss fires.

In 1984, the Bureau investigated a total of 16 fires, 13 were determined accidental, 1 incendiary, 1 of undetermined origin and 1 suspicious.

FIVE YEAR COMPARISON

<u>YEAR</u>	<u>NO. INVESTIGATED</u>	<u>INCENDIARY</u>	<u>ARRESTS</u>	<u>CONVICTIONS</u>
1984	16	1	0	0
1983	28	15	1	1
1982	31	11	0	0
1981	53	22	7	1
1980	59	32	5	0

Commissioners
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Fire Chief
Norm Gray

TO: Norm Gray, Fire Chief
FROM: Bob Knudson, Fire Prevention Officer
DATE: January 24, 1985
SUBJECT: Public Education for the Year 1984

During the year of 1984, the Fire Prevention Bureau conducted several Public Education Programs, including nine (9) radio and T.V. spots. Along with numerous Public Service announcements, some of the material covered in these programs include such things as Spring Clean-Up, Fireworks Safety, Fire Prevention Week, Holiday and Christmas Safety.

The Bureau also conducted two (2) fire drills, thirty nine (39) demonstrations, twenty eight (28) lectures, counseled seven (7) juvenile fire setters and helped with two (2) Boy Scout merit badges.

Some of the different groups of businesses contacted during our lectures and demonstrations included, St. Peter's Hospital, The Telephone Co., I.B.M. and Capital High School. During Fire Prevention Week, we conducted station tours for all second graders in School District #1. This included eleven (11) different schools along with several pre-school and day care centers.

During the Public Education Program for 1984, the Prevention Bureau contacted more than 2,200 people.

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Fire Chief
Norm Gray

TO: Norm Gray, Fire Chief
FROM: Rich Coe, Asst. Fire Chief
DATE: January 24, 1985
SUBJECT: Fire Department Training

Training for Fire Department personnel during 1984 included:

- 1) Eighty eight (88) company inspections involving thirty three (33) buildings. Many large buildings were checked. Among these being the Capital Hill Mall, nine (9) Carroll College buildings, several State and Federal buildings, as well as others in the downtown area.
- 2) Firefighters were re-certified in C.P.R.
- 3) A two (2) hour "Flammable Liquid" seminar by Exxon was attended by nineteen (19).
- 4) Eight (8) men attended a sixteen (16) hour class dealing in auto extrication.
- 5) Twenty three (23) men were present at a sixteen (16) hour course presented by the National Fire Academy, "Building Construction for Suppression Forces".
- 6) An International association of Firefighters seminar dealing mainly with safety clothing was attended by six (6) members of the City Fire Department.

During 1984, we received 800' of 5" hose. This hose was placed on truck 1, and is the beginning of the conversion to "large diameter hose" for use as feeder lines from the water supply to apparatus pumps.

Large diameter hose has one distinct advantage, one 5" line will supply one or more pumpers. When using 2½" or 3" lines it is necessary to lay several lines to carry the same gallons per minute. This is very time consuming and requires man power.

Fire Department Training
January 24, 1985
page 2

These "surface water mains" can also be used to carry domestic water supplies in case of a water main break.

The Fire Department flowed approximately 450 hydrants in 1984. It was becoming entirely too time consuming to attempt flowing all hydrants every year. As a result it was decided to operate half each year, making hydrant checking much more realistic from a man-hour standpoint.

At least twelve (12) new hydrants were installed in 1984, making a total of 925. There remains several that are difficult to operate and should be replaced as soon as possible.

A total of 4915 man-hours of field training and 1142 man-hours of class room training were logged during the year.

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Fire Chief
Norm Gray

TO: Norm Gray, Fire Chief
FROM: Don Hurni, Mechanic
DATE: January 24, 1985
SUBJECT: 1984 Truck and Equipment Maintenance

Major work on apparatus and equipment is performed by the mechanic, and most minor work and preventative maintenance is performed by shift members through daily truck and equipment checks and also weekly checks. Engine 1 and truck 1 required the most maintenance this year.

Following is a breakdown of costs of repairs by vehicle.

Engine 1 - (1975 Seagraves pumper)

Minor repairs	\$ 45.77
Major repairs - 1½" valve	\$ 124.98
2 axles	\$ 807.84
2½" valve repair ..	<u>\$ 66.60</u>
Total.....	\$1,045.19

Engine 2 - (1980 Hahn)

Minor repairs	\$ 14.15
Major repairs - Battery	<u>\$ 152.88</u>
Total	\$ 167.03

Engine 3 - (1962 FWD)

Minor repairs	\$ 20.50
Major repairs	<u>\$ -0-</u>
Total	\$ 20.50

1984 Truck & Equipment Maintenance
 January 24, 1985
 page 2

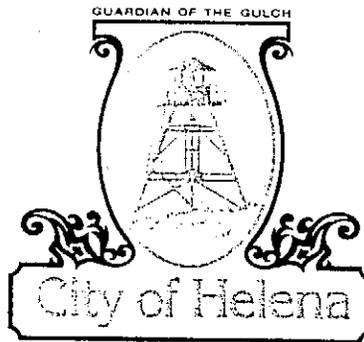
Truck 1 - (1976 Sutphen Tower)	
Minor repairs	\$ 112.61
Major repairs - Leveling motor ...	\$ 209.36
Slide blocks	\$ 300.00
Bucket nozzle	\$ 74.90
Inspection	\$ 500.00
Total	\$1,196.87
Truck 2 - (1946 Pirsch Ladder)	
Minor repairs	-0-
Major repairs - Brakes	\$ 234.15
Inspection	\$ 500.00
Total	\$ 734.15
Squad 1 - (1979 Chevrolet)	
Minor repairs	\$ 42.14
Major repairs	-0-
Total	\$ 42.14
Squad 2 - (1976 Dodge)	
Minor repairs	\$ 37.09
Major repairs - Front end alignment	\$ 40.00
Battery	\$ 68.65
Total	\$ 145.74
#127 - (1980 Ford Sedan)	
Minor repairs	\$ 37.92
Major repairs - Clutch	\$ 103.33
Battery	\$ 42.09
Total	\$ 183.34
#128 - (1980 Ford Sedan)	
Minor repairs	\$ 22.91
Major repairs - Battery	\$ 52.60
Muffler	\$ 46.95
Total	\$ 122.46

1984 Truck & Equipment Maintenance
January 24, 1985
page 3

#129	- (1981 Ford Pickup)		
	Minor repairs	\$	33.68
	Major repairs		<u>-0-</u>
	Total	\$	33.68
#130	- (1985 Ford Pickup)		
	No repairs		
	Total parts and repairs 1984	\$3,691.10	
	Total man hours mechanic	445	hours
	Total man hours shift personnel	3,933	hours

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Fire Chief
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HELENA FIRE DEPARTMENT

YEARLY FUEL REPORT

(JANUARY 1, 1984 to DECEMBER 31, 1984)

<u>VEHICLE</u>	<u>FUEL</u>	<u>MILES</u>	<u>M.P.G.</u>
Engine 1 (Diesel)	510.1 gallons	1,382.2	2.71
Engine 2 (Diesel)	473.8 gallons	1,921.9	4.06
Engine 3 (Gasoline)	64.1 gallons	156.3	2.44
Squad #1 (Gasoline)	235.9 gallons	1,679.9	7.12
Squad #2 (Gasoline)	403.0 gallons	1,643.3	5.99
Truck #1 (Diesel)	274.4 gallons	622.0	2.27
Truck #2 (Gasoline)	64.5 gallons	118.0	1.83
#127 Ford (Gasoline)	317.2 gallons	4,719	14.88
#128 Ford (Gasoline)	309.9 gallons	4,181	13.49
#129 Ford Pickup (Gasoline)	483.8 gallons	6,051	12.51
#130 Ford Pickup (Gasoline)	25.2 gallons	243.8	9.68
TOTAL GALLONS OF GASOLINE (NON LEAD)	1136.1 gallons		
TOTAL GALLONS OF DIESEL	1258.3 gallons		
TOTAL GALLONS OF GASOLINE (REGULAR)	767.5 gallons		
TOTAL GALLONS OF FUEL	3161.9 gallons		
TOTAL MILES (ALL VEHICLES)	22,718.0 miles		
AVERAGE M.P.G. (ALL VEHICLES)	7.19 M.P.G.		

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BUILDING MAINTENANCE

Members of the Helena Fire Department devote many hours each year to building maintenance. This includes all janitorial work and most minor repairs. Members of the Helena Fire Department take pride in keeping their quarters clean and in good repair.

Following is a breakdown of building maintenance costs and utility costs for both stations from January 1, 1984 to December 31, 1984.

BUILDING MAINTENANCE COSTS:

Station 1	\$	938.91
Station 2	\$	341.73
Total	\$	1,280.64

UTILITY COSTS: (1984)

Station 1		
Gas	\$	4,920.02
Water & sewer ..	\$	394.54
Station 2		
Electric	\$	1,957.83
Gas	\$	2,787.04
Water & sewer ..	\$	607.23
Garbage	\$	180.00
Total Utilities.	\$	10,846.66

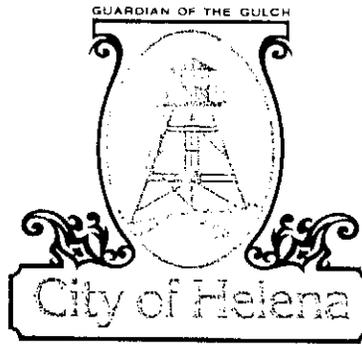
JANITORIAL COST: (1984)

Station 1 and Station 2 - \$874.00

MAN-HOURS SPENT IN BUILDING MAINTENANCE - 3,293 hours

Commissioners
Russell J. Ritter, Mayor
Rayleen Beaton
Michael J. DaSilva
Joan A. Duncan
Blake Wordal

Robert A. Erickson
City Manager



Fire Department
Mailing Address:
City-County Admin. Bldg.
316 North Park
Helena, MT 59623
Phone 406/442-9920
Office Location:
Civic Center Building

Fire Chief
Norm Gray

HELENA FIRE DEPARTMENT OPERATIONAL PROCEDURE

IN-CITY ALARMS:

Small fires: Grass, brush, cars, dumpsters, garbage, etc.

Two (2) men - either squad or 1250 pumper
East of Montana - East Side Station
West of Montana - Main Station

Small structure fire: (Initial attack)

East of Montana - Engine 2 and three (3) men
Engine 1 and two (2) men

West of Montana - Engine 1 and three (3) men
Engine 2 and two (2) men

Extra man - Truck 1

Large structure fire: (Initial attack)

East of Montana - Engine 2 and three (3) men
Engine 1 and two (2) men
Truck 1 and one (1) man

West of Montana - Engine 1 and two (2) men
Truck 1 and one (1) man
Engine 2 and three (3) men

MUTUAL AID:

East Helena:

Engine 2 and two (2) men (Call in two (2) men to standby)

West Valley:

Engine 2 and two (2) men (Call in two (2) men to standby)

Operational Procedure

Fire District #3:

Engine 1 and three (3) men (Squad 2 and Engine 2 move to Main Station if working fire)

V.A. Hospital:

Engine 1 and three (3) men (Squad 2 and Engine 2 move to Main Station if working fire)
(Call in three (3) men to standby if working fire)

Highway Shops:

Engine 1 and three (3) men (Squad 2 and Engine 2 move to Main Station if working fire)
(Call in three (3) men to standby if working fire)

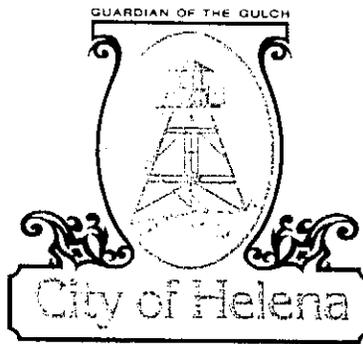
Fairgrounds:

Engine 1 and three (3) men (Squad 2 and Engine 2 move to Main Station if working fire)
(Call in three (3) men to standby if working fire)

If additional help is needed call Police desk and instruct dispatcher how many men will be needed. If only one shift is needed call in shift which was relieved.

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FIRE PROTECTION CONTRACTS

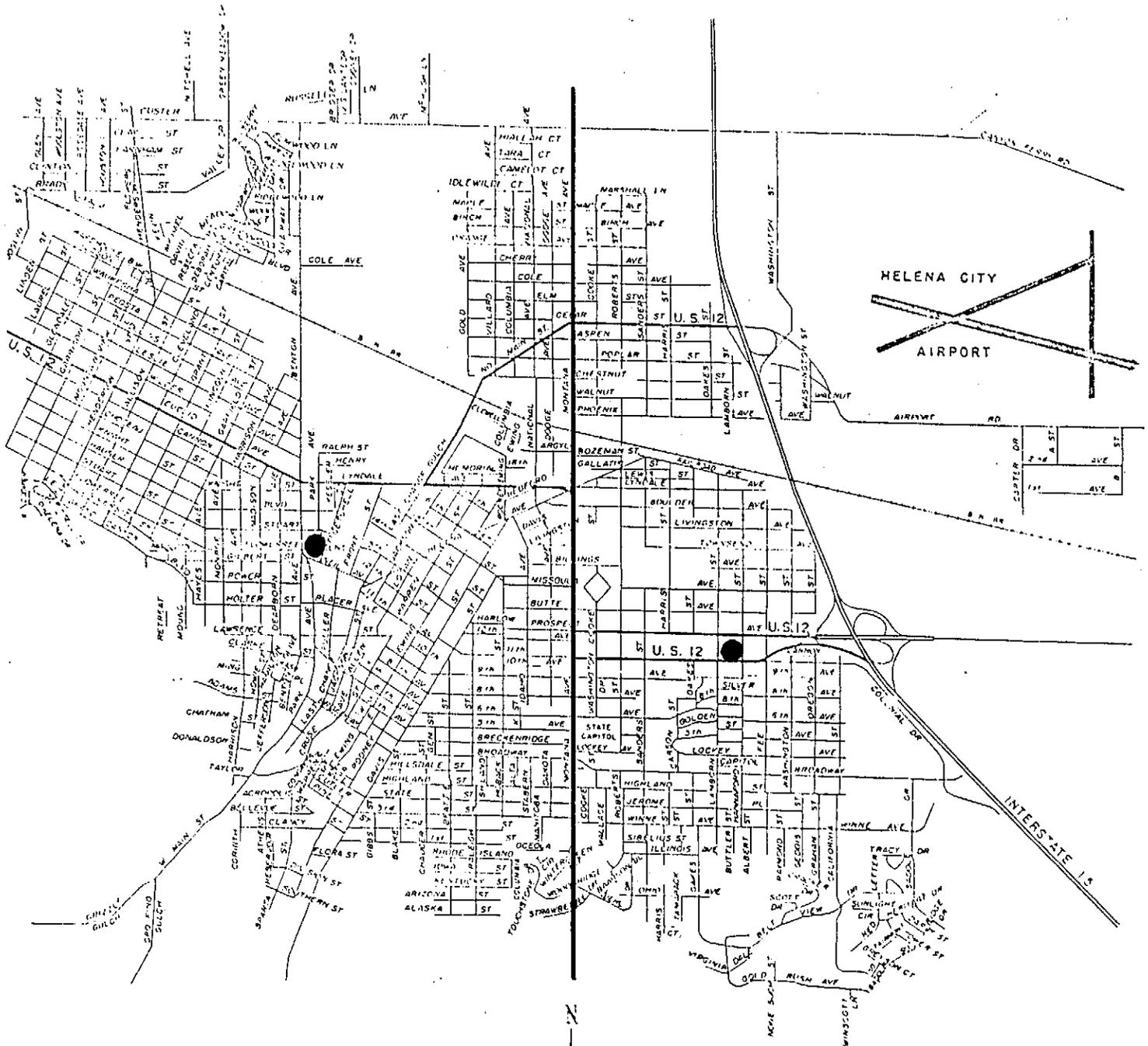
At the present time the City of Helena has several Fire Protection contracts with areas outside the city limits. These include the Veteran's Administration Hospital, the County Fairgrounds, the State Highway Shops, and the area west of the city which is Fire District #3. We cover these areas with one (1) pumper and three (3) men. The cost of the fire protection for these areas is computed by taking the valuation based on fire insurance and multiplying that figure by mill levy necessary for operating the Helena Fire Department. The cost for taxpayers in the fire district is computed on the same basis as the people who live in the city limits. The private protection contracts are re-negotiated each year after it is determined what the operational budget for the Helena Fire Department is.

Following is a breakdown of the money received by the City of Helena from these contracts:

VETERAN'S ADMINISTRATION HOSPITAL	\$21,729.44
COUNTY FAIRGROUNDS	\$ 2,784.82
HIGHWAY SHOPS	\$ 1,565.22
FIRE DISTRICT #3	<u>\$27,286.06</u>
TOTAL	\$53,365.54

The Helena Fire Department also has two (2) Mutual Aid contracts. These contracts are with the West Helena Valley Volunteer Fire Department and the East Helena Volunteer Fire Department. These contracts state that in the event of a large fire, the Helena Fire Department would receive one (1) pumper and ten (10) men from each fire department for a total of two (2) pumpers and twenty (20) men. If either of the volunteer fire departments should need our help, we are obligated to send one (1) pumper and two (2) men.

MAP OF HELENA



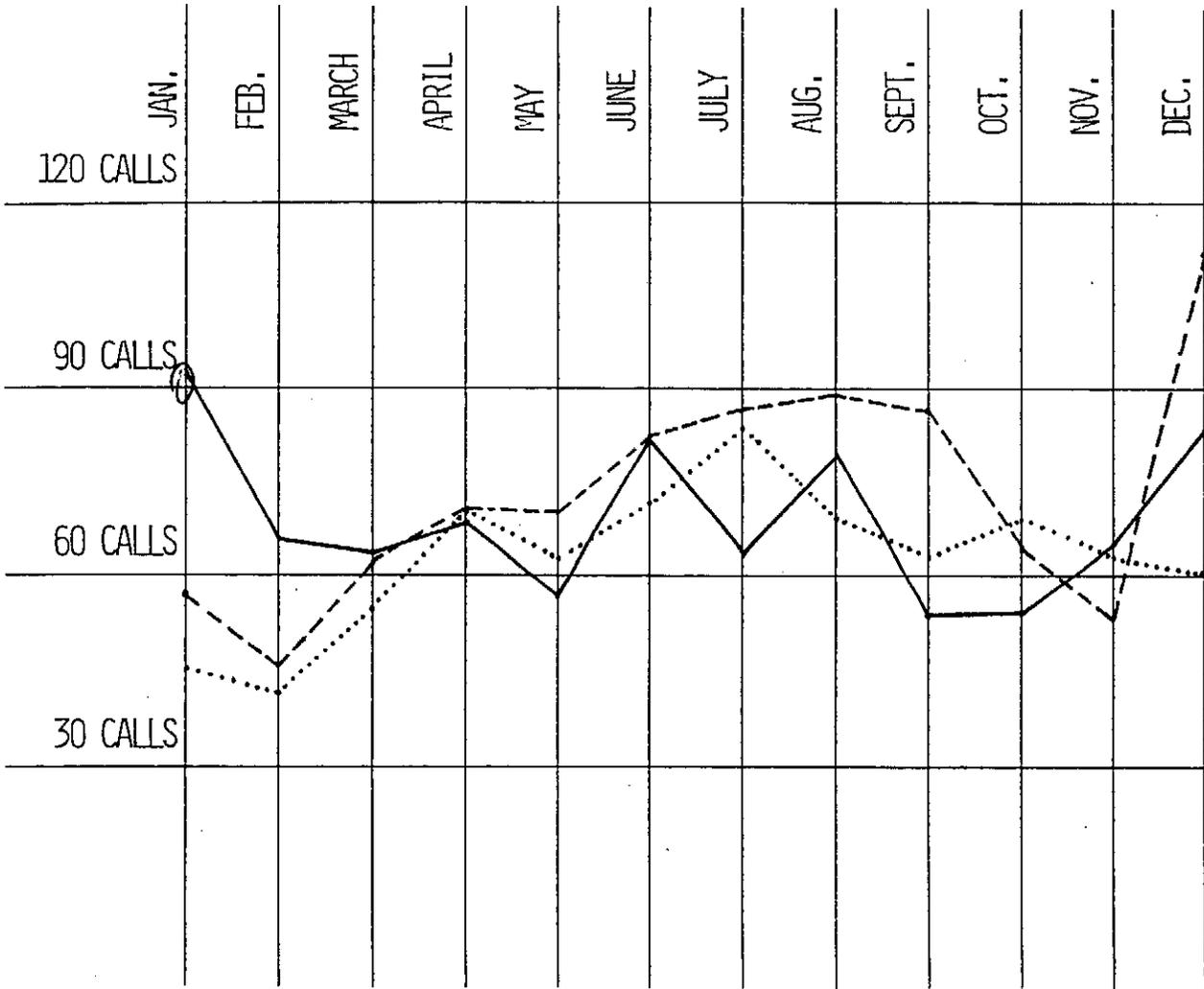
WEST OF MONTANA

E.M.T.	231
Misc.	175
Fires	136
Total	542

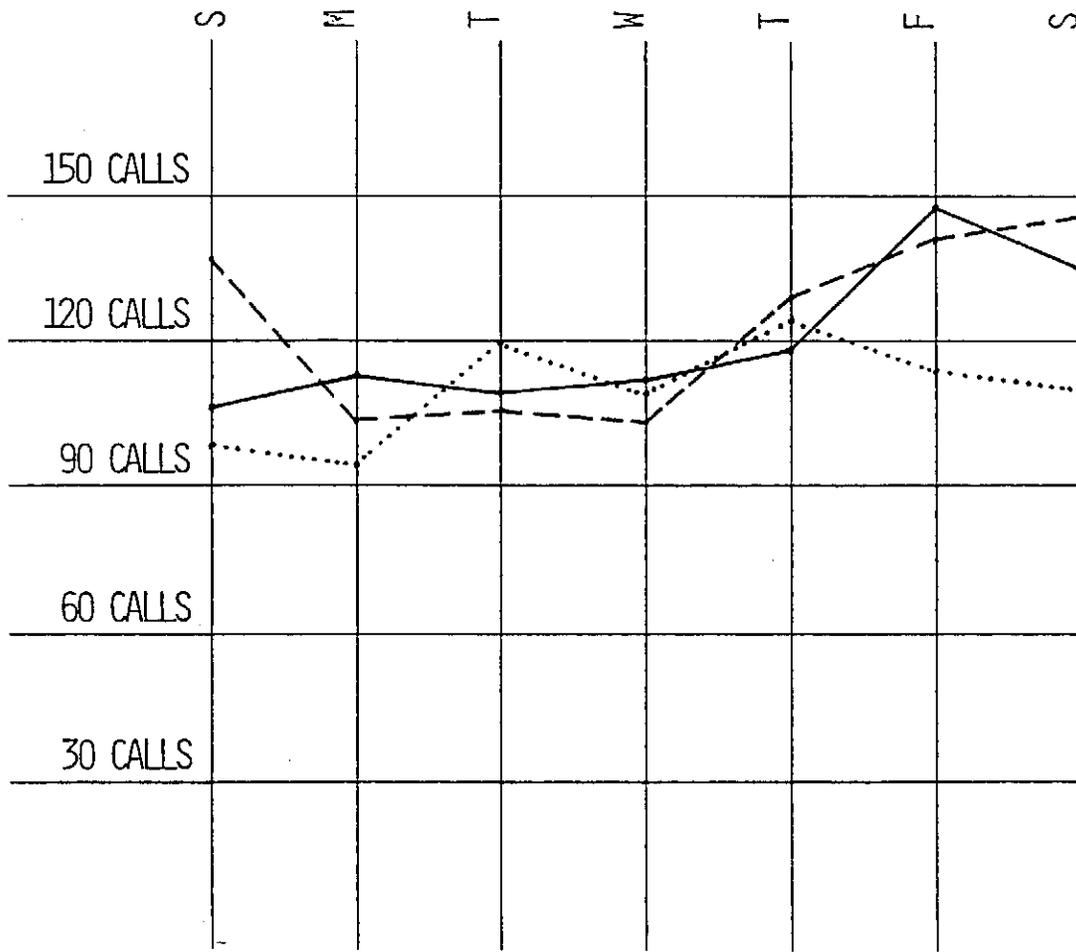
EAST OF MONTANA

E.M.T.	121
Misc.	103
Fires	66
Total	290

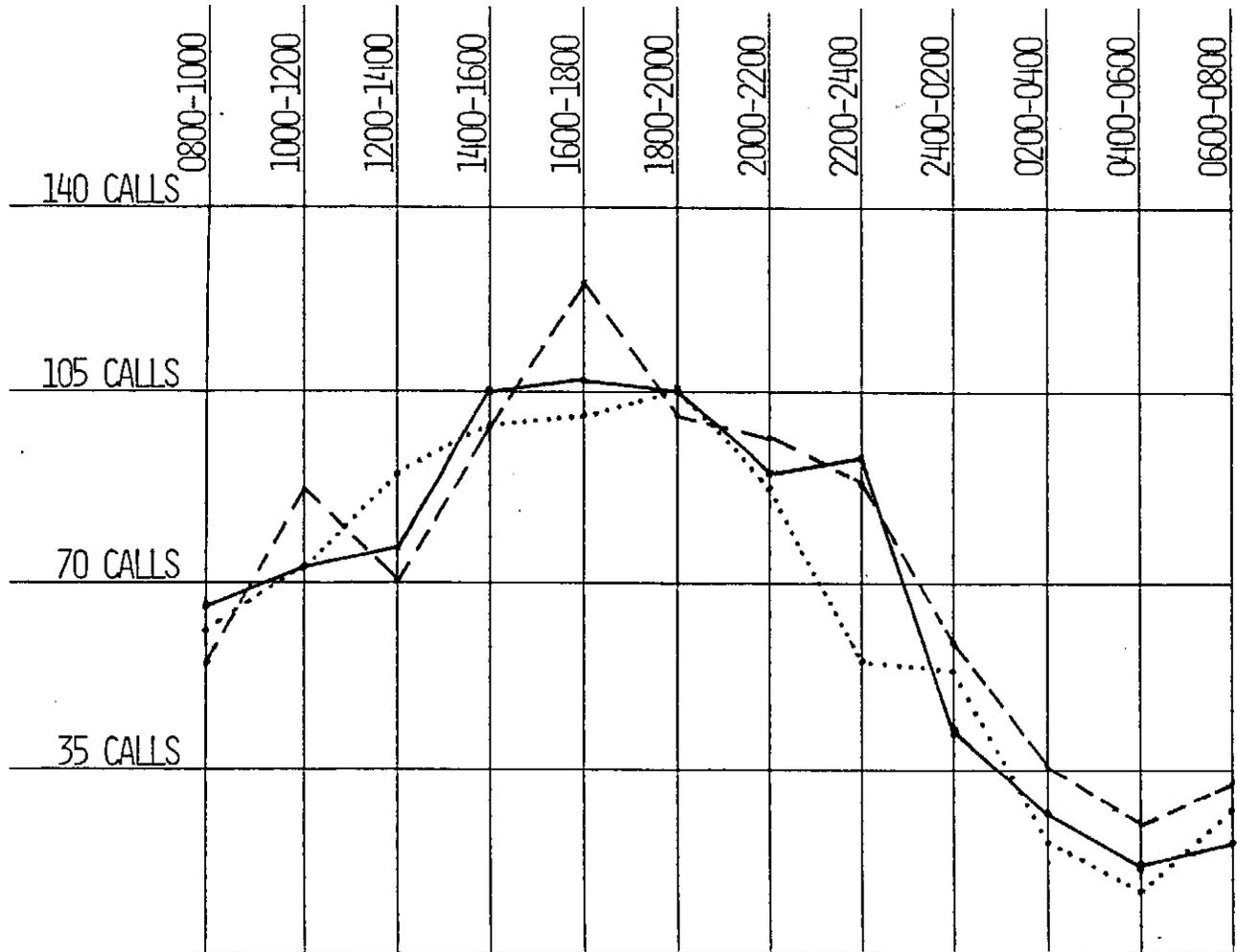
TOTAL CALLS BOTH EAST AND WEST SIDE - 832



CALLS PER MONTH OF YEAR - 1984 ———
 CALLS PER MONTH OF YEAR - 1983 - - - -
 CALLS PER MONTH OF YEAR - 1982 ····



CALLS PER DAY OF WEEK - 1984
 CALLS PER DAY OF WEEK - 1983
 CALLS PER DAY OF WEEK - 1982



CALLS PER HOUR OF DAY - 1984 ———
 CALLS PER HOUR OF DAY - 1983 - - - -
 CALLS PER HOUR OF DAY - 1982