

# **NORTHERN TERRITORY FIRE BRIGADE**



## **ANNUAL REPORT 1980**

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**ANNUAL REPORT 1980.**

1. During 1980 a notable step forward was taken by the Brigade in the commissioning of two Sky Jet fire appliances which use an electro hydraulic boom and ladder plus a very flexible series/parallel pump which will deliver up to 3750 litres per minute. Specialised training for officers operators and crews is producing a high level of competence in handling this sophisticated appliance.
2. The level of issue of breathing apparatus was increased to three sets per pumping appliance and the BD 78 45 minute duration set was brought into use in the Darwin area.
3. Radio coverage was extended to all regular manned fire stations when Tennant Creek Fire Station was provided with a V.H.F. network.
4. A total of 2,921 calls of all kinds were received during the year. This is an increase of 188 on 1979 figures, an increment of 6.9 per cent.
5. Training has been maintained at a high level and the Brigade has met all calls on its services.
6. A new departure for the Brigade was the organisation of a seminar on arson in conjunction with the Australian Fire Protection Association and the Northern Territory Police.

**PERSONNEL**

Brigade Strength as at 31st December, 1980.

**Chief Fire Officer**

P. D. Holtham, F.I. Fire E. M.R.S.H.

**Divisional Officers**

C. J. Dash

A. Ravenscroft, Grad. I. Fire E.

**Assistant Divisional Officer**

G. V. Martin, M.A.I.E.S.

**Station Officers**

D. G. Lamshed

B. E. A. Chong Wee

G. N. Beale

A. Stubbs

E. L. Turley

R. M. Bonson

C. Haywood

P. Miles

Sub Station Officers 2

Senior Firefighters 24

Firefighters 83

Auxiliary Firefighters 14

Volunteer Firefighters 43

Retirement: Station Officer Mohr

Leave taken during 1980 by members of the N.T.F.B.

Type of Leave	Leave Taken (Days)
Recreation	5887
Sick	1020
Furlough	210
Special Leave	58
<b>TOTAL</b>	<b>7175 = 28.5%</b>

**NOTEWORTHY FIRES 1980**

**F/C 6/2 Papunya Aboriginal Settlement**

Date: Saturday 3rd January, 1980

T.O.C.: 1006 hours, (Late Call)

Damage: \$60,000.00

On investigation it was found that a vacant house had been entered by 8 children aged from 6 to 14 years for the purpose of sniffing petrol and B.C.F. The children later set fire to the house which was severely damaged. The children admitted their actions to the police.

**F/C 1/80 Raima Kathleen Prawn Trawler**

Date: Saturday 26th January, 1980

T.O.C. 0956 hours

Damage: \$56,550.00

This fire occurred prior to the Raima Kathleen reaching port and was extinguished by the CO2 fixed installation. When the ship docked at 1340 hours on the day of the fire a fire prevention officer carried out an investigation and discovered the cause to be an electrical fault in the electrical wiring harness. The Brigade's Fire Boat attended.



**F/C 3/932.11 Enterprise Street, Anula**

Date: Thursday 26th June, 1980

T.O.C. 1810 hours

Damage: \$25,000.00

On arrival the Casuarina crew found the house heavily smokelocked but was effectively brought under control in a few minutes. The fire involved two bedrooms of a private house. On investigation it was found to have started in a drawer of a wardrobe in the master bedroom. Paper had been crumpled and placed in the open drawer on top of clothing and ignited. The cause of the fire is doubtful.

**F/C 2/1129 Nightcliff Sporting Complex**

Date: 24th July, 1980

T.O.C. 0002 hours

Damage: \$34,810.00

On arrival the crews found a multi occupancy, single storey masonry building involved in fire and smoke-logged. The fire was quickly brought under control by hose reel from bushfire unit. Investigation revealed that the fire had started in a child's cot and mattress. No natural cause was found for this fire and it is assumed to be of suspicious nature. Automatic fire alarm system failed due to poor installation and maintenance. The assistant manager discovered this fire in its early stages and attempted to tackle the fire with a fixed hose reel. If this attack had been successful the damage would have been contained to the cot and mattress, however the hand wheel had been removed from the stop cock to stop vandalism thereby rendering the hose reel unusable.

This has resulted in raising of standards and inspection procedure to ensure that all systems meet the relevant Australian Standard. Firefighter Birch was commended by the Minister for Transport and Works for his action at this fire.



**F/C 3/1193 40 McMinns Drive**

Date: Sunday 3rd August, 1980

T.O.C. 1734 hours

Damage: \$62,800.00

Due to the distance of travel from the nearest fire station to the above address the house and two vehicles were well alight on arrival.

Investigation revealed the cause to be spontaneous combustion of some oily rags left in the laundry linen press. A Water Tender Shuttle was put into use and the fire was brought under control with two jets. Water supplies for firefighting in this area give cause for concern.

**Late Call to Helicopter, Escarpment, Arnhem Land**

Date: 6/7 August, 1980

Date of investigation: A) Helicopter = 12th August, 1980  
B) Site of fire = 14th August, 1980

Damage: \$20,000.00

Investigation revealed a Bell 47 Helicopter had received damage by fire to the external surface of the cockpit and airframe. Investigation of the site of the fire gave the cause as a camp fire rekindling setting fire to grass and a dead tree in close proximity to the parked helicopter. It seems that the crew left the helicopter to walk about 100km., to the base camp after it failed to start due to a dead battery. On returning in another helicopter they found the fire and damaged Bell 47.



**F/C 4/161 North Bank Guest House, Katherine**

Date: Sunday 5th October, 1980

T.O.C. 1833 hours

Damage: \$50,000.00

This building of low level style consisted of 10 units of timber and fibro construction. All men and appliances at Katherine responded to this call to find 4 units already heavily involved. Seven of these units were damaged by fire, cause for this fire and the police are continuing their enquiries. One female suffered minor burns and shock, one firefighter had a severely cut hand. Once again very valuable early control was attained by a bushfire appliance.

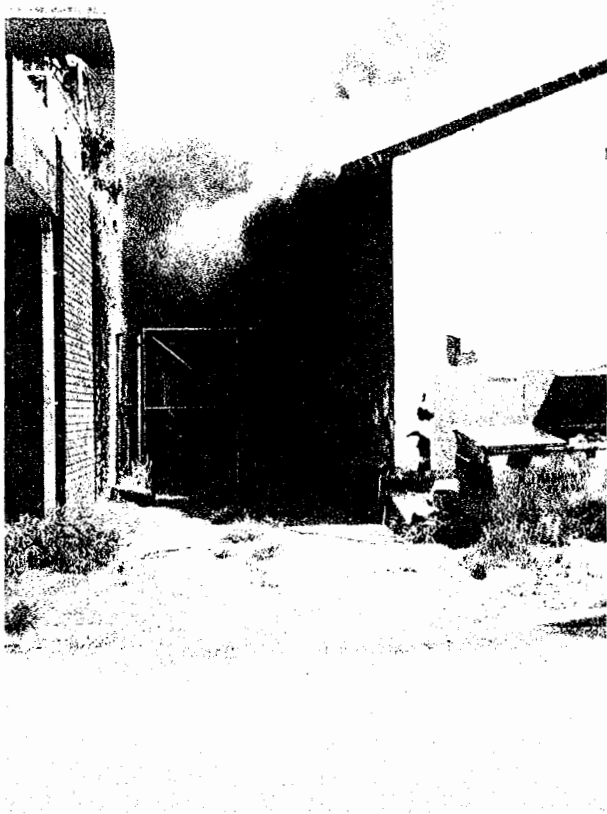
**F/C 2/1721 43 Cummings Street, Rapid Creek**

Date: Thursday 20th November, 1980

T.O.C. 1833 hours

Damage: \$53,000.00

Two units from Casuarina and two from Daly Street responded to this call. On arrival it was found that a 3 bedroom core unit type dwelling was involved in fire. The fire was contained and extinguished quickly using three jets and four C.A.B.A. sets but due to the materials used in the construction of this type of building the damage was severe. The origin of the fire was traced to a digital clock on a bedside cupboard. A report from an electrical inspector on his examination of this clock shows the probable cause to be an electrical fault in the wiring of the clock.



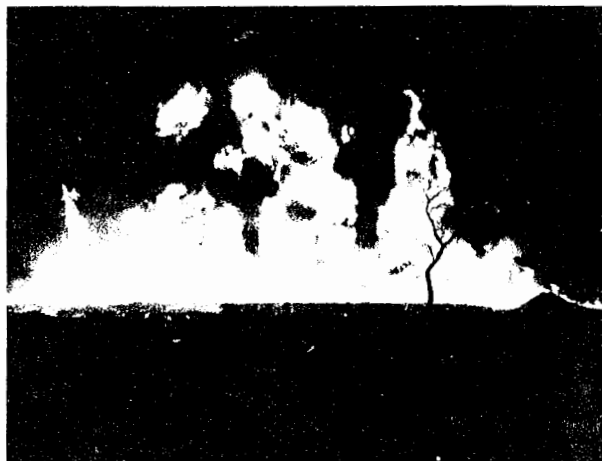
**F/C 2/1826 Alawa Community Hall**

Date: Wednesday 10th December, 1980

T.O.C. 0355 hours

Damage: \$24,610.00

The crew from Casuarina found the hall well alight on arrival. Two jets were quickly brought into use and the fire brought under control. This building consisted of three demountable units joined to form one hall. The hall and contents were severely damaged by fire. The origin of this fire was found to be in some fibrous material placed beneath the floor of the building. The cause remains doubtful.



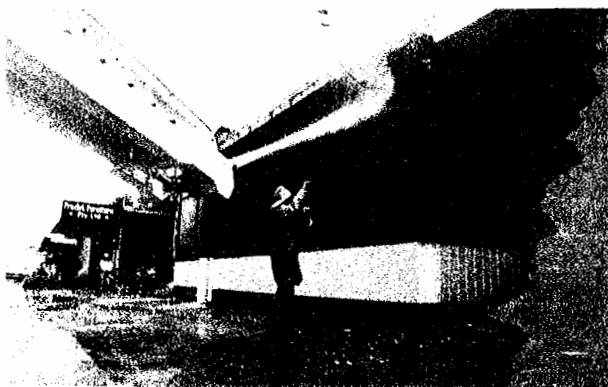
**F/C 1/1781 Mazda RX7 Sedan, Stuart Highway**

Date: Wednesday 3rd December, 1980

T.O.C. 0044 hours

Damage: \$16,500.00

A 1980 Mazda RX7 sedan was discovered on fire at the rear of DIX restaurant by a customer at the restaurant. The car suffered 80% damage from the fire. Investigation revealed the point of origin of this fire to be in the front seats. Various items found in the car are under forensic analysis. The cause remains doubtful pending police enquiries.



**FIRE PREVENTION DEPARTMENT**

**1. Staff:**

- (a) Assistant Divisional Officer G. V. Martin
- (b) Station Officer C. Haywood
- (c) Sub Station Officer J. Pithie
- (d) Sub Station Officer W. V. Birch

**2. Vehicles and Equipment**

- (a) Holden Sedan 1979 Kingswood. Exchanged for Toyota Sedan, Corolla. (December, 1980)
- (b) Holden Station Wagon 1978 Kingswood. Exchanged for Datsun Station Wagon, 200B. (December, 1980)
- (c) Associated equipment for photography, 16mm projector and slide projector for training, plus miscellaneous equipment.

**3. Fire Prevention Services:**

1. General Inspections	332
2. Reports	114
3. Lectures	57
4. Training Films	36
5. Professional Visits	62
6. Coroners Reports	34
7. Coroners Findings	9
8. Architectural Building Plans Sighted	183
9. Architectural Building Plans Approved	174

10. Correspondence Inward (General)	169
11. Correspondence Outward	272
12. Professional Conferences	143
13. Complaints (Fire Hazard)	28
14. Entertainment Licence Inspections	155
15. Entertainment Licences Approved	52
16. Permits to Burn Inspected	139
17. Permits to Burn Issued	136
18. Notice of Irregularities Issued	20
19. Insurance requests (Investigation Reports)	16
20. Investigations (Doubtful Origin. Arson)	26
21. Court Attendances	9
22. Evacuation Drills carried out	6
23. Deliberate Arson (Proven in Supreme Court)	4
24. Seminars	2

#### 4. Breakdown: Investigations

(a) Residential House Fires	9
(b) Caravan Fires	2
(c) Vehicle Fires	2
(d) Business Premises Fires	6
(e) Boat Fires	2
(f) Government Fires	1
(g) Aboriginal Townships	Nil
(h) Miscellaneous Fires	4
(i) Private Schools	Nil

#### 5. Breakdown: Fire Losses

(a) Residential House Fires	\$774,000.00
(b) Caravan Fires	14,000.00
(c) Vehicle Fires	21,500.00
(d) Business Premises Fires	37,710.00
(e) Boat Fires	150,000.00
(f) Government Building Fires etc	250,000.00
(g) Aboriginal Townships	Nil
(h) Miscellaneous Fires	75,000.00
(i) Private Schools	Nil

TOTAL \$1,322,210.00

#### 6. Inservice Training: Lectures

- Radiation and the effects of Radiation
  - Automatic Sprinkler Systems and Protection for Buildings
  - Responsibilities of the Fire Prevention Department
  - Architectural Plan Reading
  - Inspections of High Rise Buildings
  - Fire Fighter Responsibility in Arson Detection
  - Observing and Preserving the Fire Scene
  - Fire Information Field Investigation
  - Storage and Transportation of L.P.G.
  - The Fire Fighter and Plastics in a changing environment
  - Legislation and Regulations
- Presented to Officer Study Groups, Fire Fighters, Recruits and Cadets.

#### 7. Seminars

- Arson Seminar was conducted at the Daly Street Fire Station, H.Q. Recreation Room, April 22nd, 1980. Thirty-three persons were in attendance with selective representatives mainly from Insurance Companies, Underwriters and N.T. Police.
- A two day Seminar on "Arson" October 15th and 16th 1980, was conducted at the Northern Territory Police Traffic Branch, Winnellie in conjunction with the Australian Fire Protection Association.

#### 8. Formation of Arson Bureau

- An Arson Bureau was formed within the Northern Territory Fire Brigade on March 19th, 1980.
- The following Brigade members were accepted as full active members of the International Association of Arson Investigators of the United States of America, April 4th, 1980.
  - Divisional Officer Ravenscroft A. Grad. I.F.E. I.A.A.I.
  - Assistant Divisional Officer Martin G. V. M.A.I.E.S. I.A.A.I.
  - Station Officer Lamshed D. I.A.A.I.
  - Sub Station Officer Pithie J. I.A.A.I.

#### 9. Fire Prevention Personnel served on the following Committee:

- Assistant Divisional Officer Martin G. V.
  - Jabiru and Ranger Development Committee (Town Planning)
  - Australian Fire Protection Association, Darwin Branch
  - Rationalisation of the Building Application Committee
  - Transportation of Dangerous Goods (City Council).
  - Transportation and Storage Committee for Bulk Sulphur
- Station Officer Haywood C.
  - Committee for Multi-Storey Car Parks (City Council)
  - Fire Rises and Hazards in the Rural Areas

#### 10. Projects

- Assistant Divisional Officer Martin G. V.
  - Project: Fire Safety and Security Committee re: Berrimah Prison
- Station Officer Haywood C.
  - Project: Building Construction Project for Cadet Firefighters
  - Project: Bronze Medal for school children, Duke of Edinburgh Award
- The Fire Prevention Department personnel were involved in the following:—
  - Expo — 1980
  - N.T. Fire Prevention Week, May 1980
- Architectural Building Plans totalling 173 were sighted with 158 approved for construction; among those approved were major projects such as:—
  - Jabiru Mining Township
  - Ranger Mining Complex
  - Centre Point, Multi-rise Shopping and Office Complex
  - Multi-Storey Car Park
  - "Jape" Multi-Storey Shopping, Office and Hotel Complex
  - Multi-Storey Complex — Darwin Plaza
  - Multi-storey Complex — Hotel Motel — Colonial — Esplanade Darwin

## 11. Courses attended by Fire Prevention Personnel

- (a) Assistant Divisional Officer Martin G. V.
  - (i) Integrated N.T. Ledger Systems

### Summary

Total fire losses investigated by this Department were slightly down on 1979 Annual Report figures.

## COMMUNICATIONS

### 1. Torrens system

1980 saw the first full year of the Torrens System (Fred) Operation at the Daly Street Control Room.

Early problems experienced with the unit included:—

- (i) Random print-outs
- (ii) False alarms — i.e. Fire calls registered on V.D.U. and printer but not on data gathering panel
- (iii) Inexperience
  - (a) Operators — Several faults such as "Line", "System", "Computer" not reported
  - (b) Contractors — Lack of experience of the system in use
- (iv) Telecom Line Faults — susceptible to lightning strikes
- (v) Lightning — Fire detection installations activated because of surges
- (vi) Computer failure
- (vii) Burnt-out cooling fan in computer because of excess dust

Tennant Creek and Katherine are both operating now with the Torrens System. Some faults at first with Tennant Creek proved to be Telecom lines. Katherine is still experiencing some problems. The installation is still in the defects liability period and the matter is in the hands of Transport and Works officials. Both Katherine and Tennant Creek Stations had extensions built on to accommodate the new equipment.

Alice Springs is scheduled to have the Torrens System installed in the near future.

### 2. V.H.F. Network

The radio equipment at Katherine has all been replaced with new and updated units.

A survey is in progress at Alice Springs and Tennant Creek.

A 50 watt transmitter has been installed at Winnellie, greatly increasing the clarity and range of V.H.F. within the Darwin area.

### 3. Telex

A cost efficiency study of the use of Telex within the Brigade shows that a saving of at least 22% of the cost of telephone calls can be achieved on actual calls.

It is considered by the Communications Section that the annual rental of the telex machines at the track stations would be offset by the cost savings and advantages of telex, i.e.

1. 22% Savings
2. Printed (duplicate) record at both ends
3. Printed acknowledgement of receipt (automatic)

### 4. Radio procedure

A telephone and radio procedure manual was compiled and issued during 1980.

### 5. Conclusion

It is believed that efficiency in this area will be much increased by the appointment of full time permanent control staff.

## MECHANICAL SECTION

The Brigade Mechanical Section is still operating out of the workshop in Albatross Street, Winnellie with a staff of two mechanics. With the larger working area, spare vehicles are now being kept under cover, more equipment has been brought in and servicing and repair work to aerial appliances is also done under cover.

Since July 1980 the Brigade has taken over the responsibility of all fire appliances, fire pumps and trailers and Toyota appliances; prior to July these vehicles were all hired, responsibility of maintenance and repair was handled by Transport and Works Plant Pool Section. Since the takeover, specialised vehicles such as the Turn Table Ladder and Sky Jets show higher serviceability rates.

Delivery of the Sky Jet unit number two and the commissioning of Sky Jet unit number one came about in early August. These appliances have proved very successful in use.

The new-type aluminium Tristar-built bushfire appliances have given good service throughout 1980. For the first time in the Darwin area a reserve Toyota appliance ensures the full operation of the four top end stations during the peak fire season.

Katherine station received a new bushfire appliance this year. A programme is under way to issue appliances to Tennant Creek and Alice Springs stations.

A Mk IV Modular appliance has been designed this year using Brigade experience gained through the use of modular appliances.

Improvements:— More locker space  
Smaller turning circle  
Better brakes  
More power

The chassis selected was an International 1910 Acco with 390 V8 petrol powered engine, 5 speed auto-transmission, locking differential, power assisted steering and would be of 4 x 2 wheel drive configuration.

D14Z006, the Brigade's Dennis F45 B appliance, is now well under way to being converted into a tanker-type appliance. The conversion is being done by Tristar Engineering in Darwin and should be ready for operational duty in 1981 bushfire season.

## VEHICLE ALLOCATION

No. 1 Station	Sky Jet appliance	1
	Turn Table Ladder	1
	Breathing Apparatus/ Emergency Tender	1
	4 x 4 bush fire appliance	1
	F.W.B.P. Portable Pump	1
	V.W. trailer pump	1
	Holden sedan	1
	Fire Boat and pumps	1
No. 2 Station	Sky Jet appliance	1
	Modular appliance	1
	bushfire appliance	1
No. 3 Station	Modular appliance	1
	Bedford Tanker appliance	1
	bush fire appliance	1
No. 4 Station	Katherine	
	Modular appliance	1
	bush fire appliance	1
	V.W. trailer pump	1
	F100 G.P. unit	1
No. 5 Station	Tennant Creek	
	Modular appliance	1
	bush fire appliance	1
	V.W. trailer pump	1
	Holden G.P. unit	1
No. 6 Station	Alice Springs	
	Pump Escape appliance	1
	Modular appliance	1
	bush fire appliance	1
	Holden Utility	1
	F.W.B.P. trailer pump	1
Headquarters	C.F.O. Holden sedan	1
	D.O.O. Holden sedan	1
	D.O.S. Toyota sedan	1
	Fire Prevention— Holden sedan	1
	Holden wagon	1
	Communications — Toyota wagon	1
	Storeman — Toyota van	1
	Office staff — Toyota wagon	1
Training	Dennis F6	2
	Dennis F34	2
	4 x 4 bush fire appliance	1
	Toyota Bus	1
	Holden wagon	1
	F.W.B.P. portable pump	1
	F.W.H.P. portable pump	1
	V.W. trailer pump	1
	Land Rover appliance	1
The above mentioned appliances and pumps are also used as spare units.		
Workshop	Toyota 4 x 4	2

Volunteer Stations	Elliott — V.W. trailer pump	1
	Pine Creek — V.W. trailer pump	1
	Batchelor — V.W. trailer pump	1
	Adelaide River — trailer pump	1
	Garden Point — V.W. trailer pump	1
	Bathurst Island — V.W. trailer pump	1

## TRAINING SECTION

### MOTTO Learning is a shared experience

#### Introduction

The Training Section has had a busy and very fruitful year in 1980. The emphasis in training has been changed from the lecturer/student approach to the more relaxed and efficient discussion group technique. This system allows student participation to come to the fore, enabling each student the opportunity to express his ideas and in a lot of instances his experiences. This, coupled with the introduction of multiple choice examination papers, has given the Training Section a much needed booster shot. The multiple choice type papers and the discussion group training technique, although only a fairly recent innovation to Fire Brigade training, have proven to be more than popular with members. This type of training is considered by some experts in the training and teaching field to be among the most efficient methods of adult education. Feedback papers from students have verified this opinion.

#### Sky Jets

The first courses to qualify men as "Sky Jet" Operators commenced in October and the results were most gratifying. The first course was conducted for Battalion Officers and the four participants were successful. Three more courses were run and a further twenty four men qualified.

#### Officer Study Group

An officers study group was run in August and proved to be most successful. The objective of the course was to introduce members to new items of equipment or appliances and to make known any new techniques that may have been introduced; the course also embraced management and leadership qualities. Classroom exercises were carried out and covered topics such as Fire Prevention and Fire Attack. These exercises enabled members to express their own ideas and discuss any problems they may encounter. This proved very beneficial to down the track men.

#### Cadets

Six cadets successfully completed their two year training programme and passed out as Firefighters on 1/12/80. A passing out parade and drill was conducted at H.Q. with the Minister, Mr. N. Dondas, officiating and presenting the "Dux" shield to Firefighter R. Fraser. Competency certificates were presented to the other five members of the course. The standard of the drill was extremely high and a credit to the cadets participating. About fifty members of the public were in attendance.



### Conclusion

The drill programme has been stepped up and a drill card is being kept by each member. These cards will enable us to keep an accurate record of the number and types of drills being carried out. Night exercises were introduced and have received the support of all Battalions, Sunday

T.T.L. drills have also proven to be more than worthwhile. Ten students from various Darwin Schools attended for work experience and reports from these schools have indicated that this sort of training is of value to the students.

### STATISTICS

Type of Course	Number of Students	Date
Communications Course	4	11/2/80
Breathing apparatus	6	3/3/80
Pump operator	6	7/4/80
Officers Study Group	8	18/8/80
Breathing Apparatus	8	15/9/80
Darley pumps	4	1/10/80
Sky Jet	4	6/10/80
Sky Jet	8	24/11/80
Cadets Passing Out	6	1/12/80
Sky Jet	8	8/12/80
Sky Jet	8	15/12/80
Student Work Experience	10	N/A
<b>Total</b>	<b>80</b>	

### CALLS BY PROPERTY AND FIRE DISTRICT

Type	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	Total
Residential Property	66	43	24	4	8	22	167
Hotels/Motels	3	—	—	2	1	23	29
Education Buildings	105	157	123	46	24	103	558
Places of Entertainment	14	4	4	4	—	1	27
Factories	8	1	9	—	5	2	25
Shops and Offices	171	22	49	8	16	78	344
Caravans/Tents	1	—	2	2	2	2	9
Outside Erections	27	1	25	1	10	10	74
Road Transports	18	13	8	5	4	19	67
Air Transport	—	—	2	—	—	—	2
Medical Buildings	101	107	8	8	6	70	300
Grass and Bush	169	140	310	87	42	279	1027
Rubbish	37	15	12	4	4	47	119
Liquid Fuels	—	—	—	2	—	2	4
Boats	4	—	1	—	—	—	5
Calls Other Than Fire	58	16	17	17	12	44	164
<b>TOTAL</b>	<b>782</b>	<b>579</b>	<b>594</b>	<b>190</b>	<b>134</b>	<b>702</b>	<b>2921</b>

### CALLS BY CAUSE AND FIRE DISTRICT

Cause	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	TOTAL
Incendiarism	22	16	20	3	4	191	256
Matches/Smoking/Fireworks	157	126	286	83	44	77	773
Reignition	1	—	4	—	—	2	7
Controlled Fires	30	15	16	3	—	43	107
Heating Appliances	9	17	5	3	—	13	47
Tools Equipment	7	4	2	1	1	7	22
Electrical Supply	6	2	5	1	—	6	20
Transport Malfunction	16	13	9	5	6	21	70
Explosion	—	1	—	—	2	—	3

Spontaneous Combustion	—	—	1	—	5	16	22
Unknown	2	—	—	2	1	5	10
False Alarm Good Intent	26	26	18	3	2	23	98
False Alarm Malicious	4	9	4	3	7	6	33
False Alarm A.F.A.	444	274	207	66	50	248	1289
Calls Other Than Fire	58	16	17	17	12	44	164
Total	782	519	594	190	134	702	2921

**COMPARISON % 1979-1980  
CALLS BY STATIONS**

Fire Districts	1979	1980	Comparison
No. 1 Darwin Daly St.	780	782	+ .26%
No. 2 Casuarina	482	519	+ 7.68%
No. 3 Winnellie	561	594	+ 5.88%
No. 4 Katherine	191	190	- .52%
No. 5 Tennant Creek	154	134	- 12.99%
No. 6 Alice Springs	565	702	+ 24.25%
<b>TOTAL</b>	<b>2733</b>	<b>2921</b>	<b>+ 6.88%</b>

**CALLS BY STATIONS BY MONTH OF YEAR**

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	ANNUAL TOTAL
No. 1. Darwin Daly St.	59	66	57	67	75	82	66	58	60	51	68	73	782
No. 2. Casuarina	33	51	48	24	54	54	62	53	29	37	46	28	519
No. 3. Winnellie	14	13	28	46	105	101	68	56	47	57	32	27	594
No. 4. Katherine	15	14	16	17	19	16	23	16	20	14	15	5	190
No. 5. Tennant Creek	11	9	6	9	20	9	6	11	7	7	13	26	134
No. 6. Alice Springs	45	58	69	47	47	48	71	61	80	58	52	66	702
<b>TOTAL</b>	<b>177</b>	<b>211</b>	<b>224</b>	<b>210</b>	<b>320</b>	<b>310</b>	<b>296</b>	<b>255</b>	<b>243</b>	<b>224</b>	<b>226</b>	<b>225</b>	<b>2921</b>

**ESTIMATES OF DAMAGE BY PROPERTY AND AREA**

Items	Darwin	No. 4	No. 5	No. 6	Total
Buildings	297,600	49,550	69,356	329,860	746,366
Vehicles	52,400	136,730	103,484	803,900	1,096,514
Caravans	8,500	3,100	450	7,000	19,050
Boats	151,000	—	—	—	151,000
Sundries	13,200	—	3,193	150	16,543
<b>Aircraft</b>	<b>270,000</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>270,000</b>
<b>TOTAL</b>	<b>792,700</b>	<b>189,380</b>	<b>176,483</b>	<b>1,140,910</b>	<b>2,299,473</b>

### CALLS OTHER THAN FIRE

Type	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Total
Fuel Spillage	41	8	6	3	4	23	85
Leakage Of Dangerous Gas	1	—	—	—	2	2	5
M.V.A.	5	4	7	2	1	6	25
Pumping/Special Service	2	—	1	—	2	—	5
Handling Spillage	5	—	2	—	—	—	7
Dangerous Chemicals	—	—	—	—	—	2	2
Search/Rescue	4	4	—	—	—	—	8
Bomb Hoax	—	—	1	—	—	4	5
Aircraft Standby	—	—	—	12	3	7	22
<b>TOTAL</b>	<b>58</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>12</b>	<b>44</b>	<b>164</b>

### ACTUAL CALLS PER STATION (LESS FALSE ALARMS)

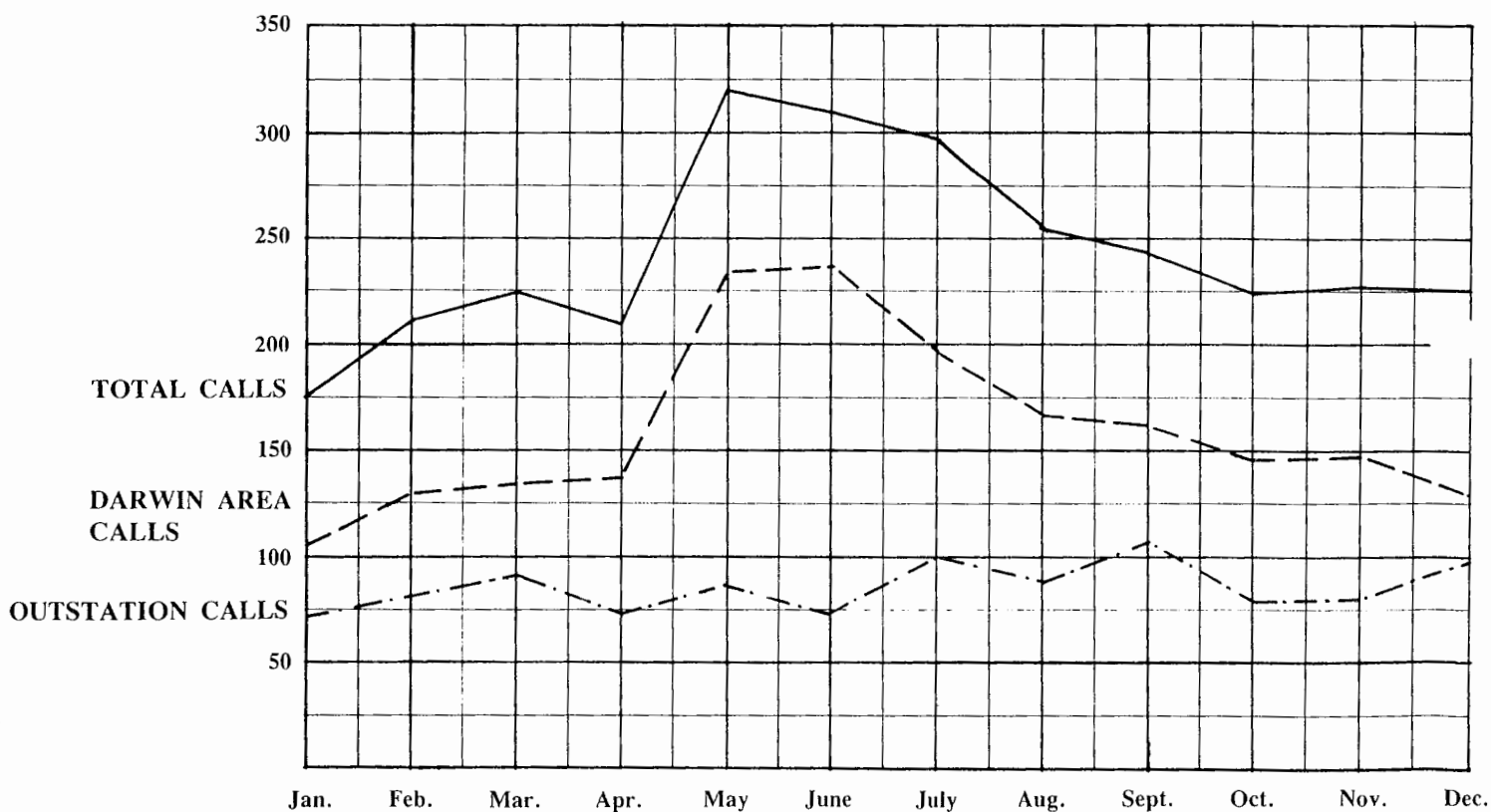
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Total
	308	210	365	118	75	425	1,501

### PERSONS KILLED AND INJURED

Type	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Total
M.V.A. Injured	2	1	1	1	2	4	11
M.V.A. Killed	—	—	—	1	—	2	3
Other Injured	2	2	3	—	2	—	10
Other Killed	—	—	—	—	—	1	1
<b>Total</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>7</b>	<b>25</b>

**FINANCIAL SUMMARY**  
**FINANCIAL YEAR ENDED 30TH JUNE, 1980**  
**EXPENDITURE**

1. Salaries and Allowances		\$1,990,000
2. Extra Duty		
a) Rostered Overtime	\$137,000	
b) Other - Absenteeism		
- Leave	\$243,000	\$ 380,000
3. Duty Travel		\$ 33,000
4. Operations		
a) Vehicles	\$300,000	
b) Auxiliaries	\$ 80,000	
c) Uniforms	\$103,000	
d) Communications	\$ 57,000	
e) Other	\$146,000	\$ 686,000
5. Administration		\$ 87,000
6. Plant and Equipment		\$ 84,000
		<b>\$3,260,000</b>



**FIRE CALL COMPARISON GRAPH BY AREA**

