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Board of Fire Commissioners
of New South Wales



ANNUAL REPORT

1988



BOARD OF FIRE COMMISSIONERS OF N.S.W.



79TH ANNUAL REPORT FOR THE YEAR ENDED 31 DECEMBER 1988

The Hon. E.P. Pickering, M.L.C.
Minister for Police and Emergency Services.

Sir,

Pursuant to provisions of Section 19(2) of the Fire Brigades Act, I have pleasure on behalf of the Board of Fire Commissioners of N.S.W., in submitting to you for presentation to Parliament, the 79th Annual Report of the Board of Fire Commissioners of N.S.W., summarising the activities during the twelve months to 31 December 1988. The report has been prepared in accordance with the provisions of the Annual Reports (Statutory Bodies) Act, 1984, and with the Public Finance and Audit Act, 1983.

P. Rath

P.B. RATH
PRESIDENT

28 April, 1989

BOARD OF FIRE COMMISSIONERS OF
N.S.W.



75TH ANNUAL REPORT FOR THE YEAR
ENDED 31 DECEMBER 1988

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PART 1 — INTRODUCTION

Charter

The Board of Fire Commissioners of N.S.W. was established by the Fire Brigades Act, 1909, for the purpose of placing Fire Brigades in N.S.W. under a single authority. The then rivalry among competing Fire Brigades was addressed by Section 41, which made it unlawful to constitute a Fire Brigade (except a private Brigade on industrial premises) within any area covered by this Act.

The areas to which the Act applies are prescribed "Fire Districts". The boundaries of "Fire Districts" are established by agreement between the Board and local government authorities, with the Minister's approval. Fire Districts have been set up in most settled areas where the population is greater than 1,000 and where there are made roads and a reticulated water supply. Consequently, the Board is responsible for the fire protection for 86% of the State's population. There are 186 Fire Districts proclaimed under the Act.

The Board is empowered to permit its Fire Brigades to operate beyond the limits of the Board's Fire Districts.

Aims and Objectives

Under the Act, the Board has a duty to:

- * take all practicable measures for preventing and extinguishing fires and for protecting and saving life and property in case of fire;
- and authority to:
- * carry out rescues even where there is no immediate danger from fire; and,
- * engage in preventative burning operations for the reduction of bush fire hazards.

Performance Indicators

The imposition of a staff freeze for several months impeded the work on program performance evaluation. Following the lifting of the freeze, the Board was able to move towards the recruitment of staff to establish the Planning and Management Review unit, with appropriate skills to conduct program evaluations. At the end of 1988 the Board was in a position to review its 5 year plan and undertake the evaluations identified.

For the first time, a performance indicators section has been included in the PERFORMANCE part of this report which seeks to measure the general efficiency and effectiveness of selected parts of the organisation. This section will be developed further in subsequent reports.

Services Provided

Firefighting

Over 6,000 firefighters are employed, trained and equipped to provide rapid response to calls of fire and other emergencies.

Fire Prevention

The Board maintains a Fire Prevention Department with a staff of twenty-four officers to carry out building inspections and to provide advice on structural fire safety. This specialised unit is supplemented by hundreds of trained officers who deal with a range of fire prevention activities throughout the community.

Through the Lecturing and Public Relations Sections the Board provides education to the public in fire safety.

Bush Fire Hazard Reduction

For the protection of property bordering bushland, firefighters carry out hazard reduction operations in an environmentally responsible manner and in co-operation with local council officers.

Rescue

All firefighters are trained and equipped to rescue persons trapped in fires, and in non-fire situations, with an emphasis on motor vehicle rescue.



Members of the Board of Fire Commissioners of New South Wales

The Board of Fire Commissioners of New South Wales is comprised of seven members; the President, (who is also the Executive Officer), a full-time member, and the Deputy President are appointed by the Governor. Five part-time members are elected — two by the contributing insurance companies, one by the Councils of the Municipalities and Shires which contribute to the Board's fund, one by Volunteer Firefighters and one by members of the Permanent Fire Brigades.

Full-time Members

Peter Brummell Rath, B.A.
President and Executive Officer
(Appointed by the Governor 30 March, 1987)

Part-time Members

John Kenneth Westmore
Raymond Bruce Willing, B.A. (Maths), B.A. (Econ), A.S.I.A.
(Elected by the contributing Insurance Companies)

Barry Leslie Lewis, B.Ec.
(Elected from the Councils of the Municipalities and Shires to which the Fire Brigades Act applies)

Alexander Campbell McMurtrie
(Elected by the members of the Volunteer Fire Brigades)

Desmond William Cooper
(Elected by the members of the Permanent Fire Brigades)

Attendance at Board Meetings for 1988

| | PRESENT | ABSENT |
|------------------------------|----------------|----------------------|
| PETER BRUMMELL RATH | 12 | |
| BARRY LESLIE LEWIS | 12 | |
| ALEXANDER CAMPBELL MCMURTRIE | 12 | |
| JOHN KENNETH WESTMORE | 12 | |
| DESMOND WILLIAM COOPER | 12 | |
| RAYMOND BRUCE WILLING | 10 | 2 (Leave of Absence) |
| Ordinary Meetings | 11 | |
| Extraordinary Meeting | <u>1</u> | |
| | <u>12</u> | |

COMMITTEES

CORPORATE EXECUTIVE GROUP

| | |
|---------------------------------|----------------------|
| President and Executive Officer | P.B. Rath, B.A. |
| Deputy President | (Position Vacant) |
| Chief Officer | B. Reay |
| Secretary | J.R. Galbraith, B.E. |
| Deputy Secretary | A.C. McGrath |

SENIOR MANAGEMENT

| | |
|----------------------------------|---|
| Deputy Secretary | A.C. McGrath |
| Financial Controller | L. Favelle, B. Comm., A.A.S.A., M.I.I.A. |
| Deputy Chief Officer (Executive) | W. Rogers |
| Deputy Chief Officer (Services) | R. Roberts |
| Manager Supply & Maintenance | Superintendent S. Hearn |
| Properties Manager | P.D.R. Morgan |

STANDING COMMITTEES

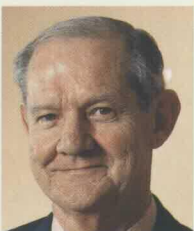
Accident Enquiry Committee
 Amenities Committee
 Examinations Committee
 Employee Assistance Committee
 Major Equipment Advisory Group
 National Honours Committee
 Suggestion Awards Committee
 Meritorious Conduct Awards Panel

Personal Profiles



PETER BRUMMELL RATH

Was appointed by the Governor as President and Chief Executive Officer of the Board of Fire Commissioners of New South Wales from 30th March 1987. Mr. Rath, a Bachelor of Arts was, prior to his appointment, Deputy Secretary, Premier's Department of New South Wales.



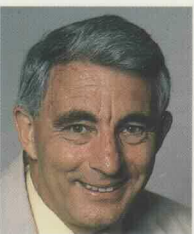
JOHN KENNETH WESTMORE

Has been the Asst Chief Executive of the Insurance Council of Australia since 1982, and represents General Insurers on a number of Government Committees and Boards. He was a Director of the Australian Wool Testing Authority, Managing Director Wool Testing Services, Executive Director of the ACWB and Chairman Export Freight Rates Negotiating Committees.



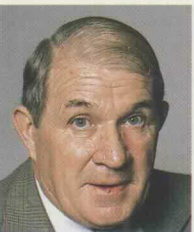
RAYMOND BRUCE WILLING

Was appointed to the Board in July, 1985. He is General Manager of the N.R.M.A. Insurance group of companies and a Director of some companies within the N.R.M.A. group. He is a Director of the Insurance Council of Australia Limited and Deputy President of the Australian Insurance Association. He holds Bachelor of Arts degrees in Mathematics and Statistics from the University of New South Wales and Economics from the Macquarie University.



BARRY LESLIE LEWIS

Elected in 1980 and 1985 to the Board as the Local Government Representative. Also elected in September 1987 as an Alderman on the Kuringai Municipal Council. Holds a Bachelor of Economics Degree from Sydney University.



ALEXANDER CAMPBELL MCMURTRIE

A. McMurtrie is a Commissioner, having been elected by the Volunteer Firefighters of the N.S.W. Fire Brigades, continuously since 1970. He is the longest serving volunteer fire-fighter, elected to the Board since 1884 (105 years). He was appointed to the Brigade in January 1951 and is the former Captain of the Wangi Wangi Fire Brigade. Mr McMurtrie was granted Honorary membership of the N.S.W. Fire Brigades upon his retirement due to physical incapacity in April, 1987.



DESMOND WILLIAM COOPER

Was elected as the Permanent Members' representative to the Board, effective from July 1985, for a term of five years. He currently holds the rank of Inspector in the N.S.W. Fire Brigades.



CHIEF OFFICER B. REAY

Joined the Fire Service on 27th January 1956. After various promotions and appointments, he was appointed Chief Officer on 21st May 1986. He is responsible to the Board for the operations, technical direction and administration of the Fire Service in NSW. He is a Fellow of the Institute of Fire Engineers, a Churchill Fellow, and has been awarded the Australian Fire Service medal and Queen's Long Service and Good Conduct medal.



DEPUTY CHIEF OFFICER W. B. ROGERS

Joined the Fire Service on 1st February 1952. He was appointed Deputy Chief Officer (Executive) on 27th July 1987 being responsible for the operational arm of the Fire Service. Served as Superintendent/Manager, Supply & Maintenance Division at Chullora from 1984 to 1986 prior to being appointed DCO(S). Awarded the Australian Fire Service Medal, Queen's Long Service Medal and the National Medal.



DEPUTY CHIEF OFFICER R. W. ROBERTS

Commenced service with the N.S.W. Fire Brigade 9th April 1954. He was promoted to the rank of Superintendent on 25th February 1984 and appointed Deputy Chief Officer (Services) on 27th July 1987. Awarded the Australian Fire Service Medal and Queen's Long Service and Good Conduct Medal in 1984.



MR. J. GALBRAITH

Graduated in Engineering (Mechanical and Electrical) from Sydney University in 1953. He has held both engineering and management positions in the aerospace industry. Prior to joining the Board as Secretary in 1982, he was Assistant State Manager of the Health Insurance Commission, a Federal Statutory Authority, all his earlier experience having been with private enterprise.



MR. L. FAVELLE

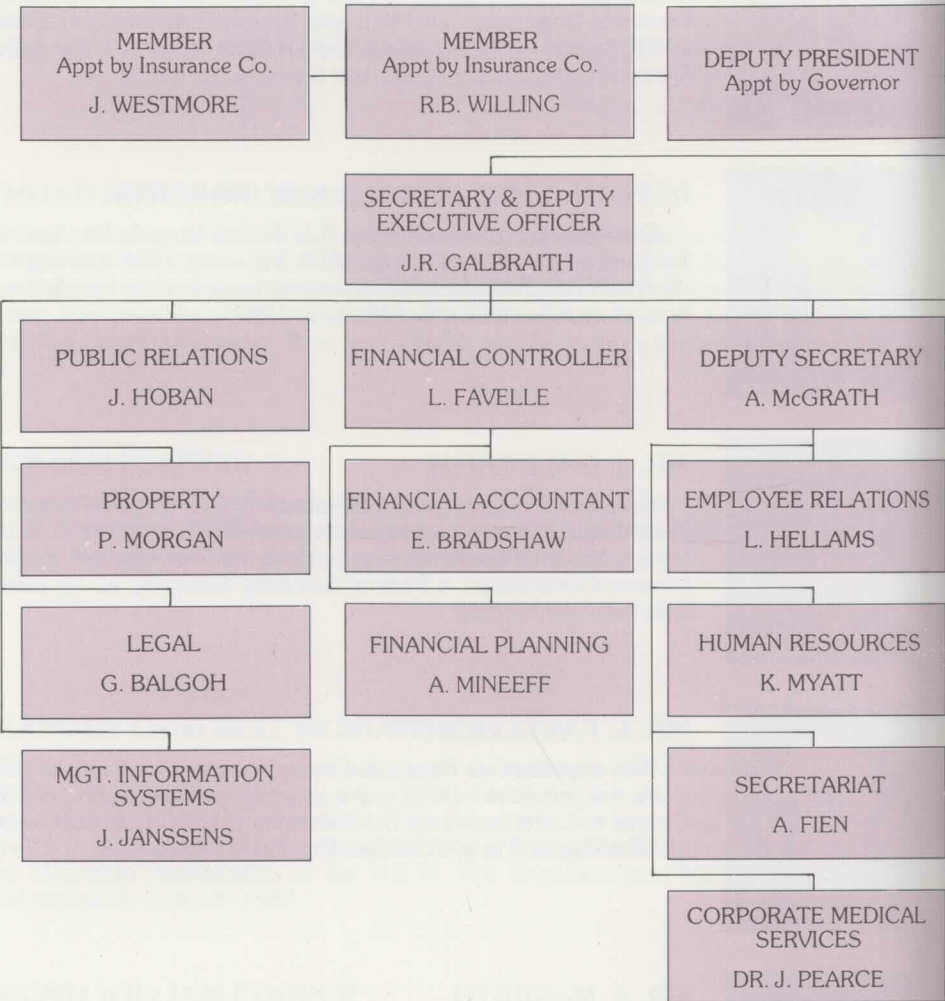
Was appointed as Financial Controller to the board in July 1987. His responsibilities include the provision of financial budgeting and accounting services to the Board. He has a Degree in Commerce from the University of NSW and is a member of the Australian Society of Accountants. He is a Certified Practising Accountant.



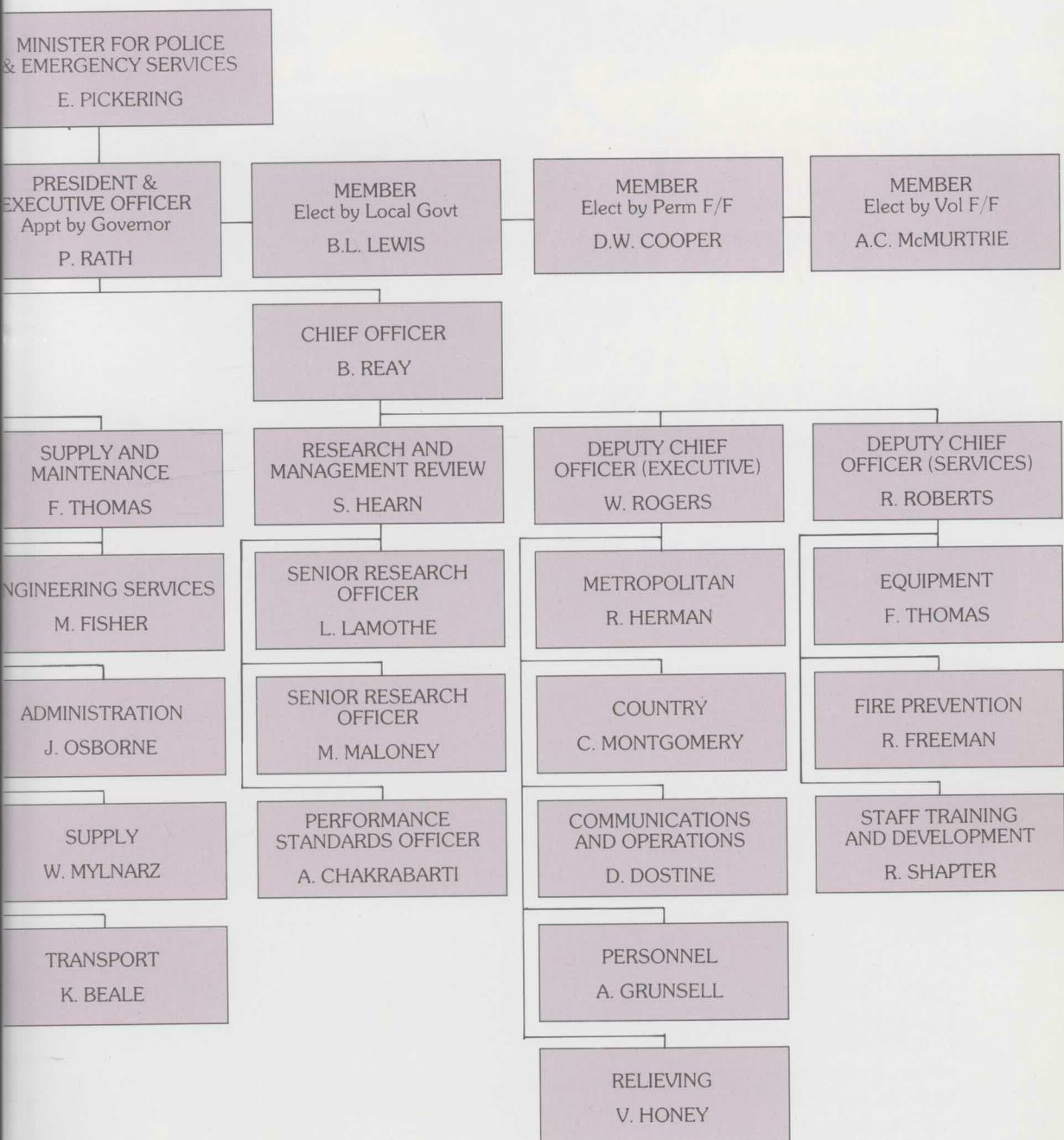
MR. A. McGRATH

Became Industrial Officer on the 28th August 1974 and Assistant Secretary (now titled Deputy Secretary) on the 8th March 1978. His responsibilities involve Employee Relations, Human Resources, Secretariat and Corporate Medical Services. He holds a Management Certificate.

BOARD OF FIRE COMMISSIONERS OF N.S.W.



NOTE: This chart does not show levels of seniority but lines of authority.





*Firefighters use
an electric saw
to enter a burning
building*

PART 2 — PERFORMANCE

The Years Highlights

Review of Payroll Costs

During the year, the Board appointed a working party to review payroll costs of the Board's permanent Brigades. As a result a strategy has been developed that aims to utilize more effectively the human resources of the Board.

Amendments to the Fire Brigade Act

Significant amendments to the Act provided for:

- (i) A revision of the system by which Local Government Authorities' contributions to the Board are determined.
- (ii) Regulations to be made to provide for the Board to charge fees for a range of services, for example, responding to excessive false automatic fire alarms.

Review of Funding Arrangements for the Board

A ministerial committee has finalised a report dealing with a review of the financing of the Board of Fire Commissioners and the Bush Fire Council of N.S.W. The report is currently under consideration.

Review of Standards of Fire Cover

A review of the standard of fire cover has been initiated and it is possible that as a result of the review, some resources from the Inner Sydney Metropolitan suburbs may be redeployed to areas in the Western and peripheral areas.

Cost Effective Property Management

A more cost effective approach to property management was pursued. It was characterised by:

- The maintenance of all fire stations is now carried out through private contractors.

- A policy of cyclical maintenance has replaced the "as required" policy.
- Certain surplus properties have been identified and disposed of resulting in a return of \$1.6 m.

Financial Management Initiatives

- (i) A comprehensive Management Information System has been instituted. The financial section of this system enables close control to be exercised over income and expenditure.
- (ii) All claims for payment of goods and services supplied by local contractors in country areas are now paid by regional accounting offices. This has expedited payment, and all accounts are now settled within 30 days in accordance with Government policy.

Supply of Consumable Stores to Fire Stations Varied

A contract has been let with a supplier to supply consumable stores to fire stations within the Sydney, Newcastle, Wollongong and Blue Mountains areas. This has resulted in the improvement of the supply of materials to stations, and has achieved savings in inventory, storage, handling and transportation at the Board's Chullora complex.

System of Supply of Clothing Changed

The annual supply of clothing to members of the Brigade has been discontinued. A system of replacement of clothing, as required, up to a standard has been introduced. This has already resulted in considerable savings.

Management of Insurance Improved

The Board, through its Insurance Brokers, has reviewed its portfolio of Insurance resulting in both cost savings and improvement in coverage. Significant in the savings achieved has been the institution of a new Workers' Compensation Claims Management Program which has seen a reduction from \$4.05m to \$3.07m in the Board's 1987/88 Workers' Compensation insurance premium.

New Approach to Motor Vehicle Fleet Replacement

The initial stage of a long term program to improve the economic life of fire appliance vehicles through a modular approach to body construction, and the replacement of vehicle chassis at periods of greatest economic advantage, has been introduced.

Brigade Response

Fire Stations reported a total of 68,664 primary* incidents, an increase of 9 percent on the previous year. Of these responses, 24,195 were to actual fires, 2,649 were to rescue calls and 6,645 to hazardous condition incidents, for example chemical spillages. There were 7,440 malicious false calls and 12,740 false alarms due to system malfunction.

The Sydney and Outer Sydney Fire Districts accounted for 66 percent of the total incidents and the rest of the State 34 percent, a proportion which remains fairly constant over time.

These figures are derived from reports made by fire stations on the Australian Fire Incident Reporting System (A.F.I.R.S.).

Fire stations reporting on this system protect approximately 86 percent of the State's

population according to the latest census figures.

Brigade Communications Being Studied

The Board has initiated a study of its future communication needs, having regard to its present needs and the technology available. The Brigades' communication network for responding appliances to incidents is totally reliant on Telecom. Changes within that organisation, mainly involving the closing down of local manual assistance exchanges, are resulting in the Board being increasingly required to establish Regional Control Centres at considerable manning and communication costs.

In addition, the Study will examine the options available to the Board for the monitoring of automatic fire alarms. At present, automatic fire alarms are monitored by the Brigade. One option which will be considered is whether the monitoring of alarms can be contracted to private organisations.

*** Pocket Pagers**

In order to improve the availability of volunteer firefighters while allowing them greater personal mobility, a programme was undertaken to provide pocket pagers at all volunteer stations. By the end of the year this programme had been completed with the supply of pocket pagers statewide and the installation of base radios at all volunteer stations.

*** False Alarms**

The Fire Brigades Act has been amended to enable regulations to be made to authorise charges for excessive false alarms. The Brigades are giving positive assistance to building owners in an attempt to identify the causes of false alarms reported.

Definitions:

Primary Response: refers to a response by the station which submits the fire incident report form. More than one station usually attends an incident. However, only one station submits the fire incident report form. The total of primary responses equals to the total number of incidents.

Response: the turnout of every station or unit to an incident. Whereas primary response refers only to when a station attends an incident and is responsible for reporting it, response refers whenever a station responds or turns out to an incident. As at least two stations usually respond to an incident, about twice as many responses as primary responses are recorded.

Metropolitan Operations

The Metropolitan Superintendent oversees the firefighting and other emergency response activities of the Brigades in the Sydney and outer Sydney Fire Districts — a major responsibility in terms of size, with 74 stations, over 2000 firefighters and a fleet of 200 firefighting vehicles having turned out to 45,462 calls in 1988. The estimate of the Board's expenditure directed towards the protection of life and property and extinction of fire in the Sydney Fire District was over \$100,000,000 in 1988.

While the statistics reflect a high level of firefighting activity, the Board recognises that the prevention of fire spread is more cost effective than firefighting. In 1988 15,826 calls on automatic fire alarms resulted in early response and extinguishment, underlining the Board's confidence in its support for the installation of automatic fire alarm systems, despite the high rate of "false" calls generated.

The value of automatic fire alarms was demonstrated when fire occurred in the Village Theatre complex in December 1988. The complex was insured for \$48,000,000. The reason that only minor structural damage resulted is attributable to the quick action of the sprinkler system in alerting the Brigade and holding the fire in check until inner city brigades effected extinction, removed smoke and minimised water damage. The ultimate loss was reported as \$500,000 including loss of trading. Screenings in the affected theatre were able to resume on the afternoon of the fire.

Major Fires and Spillages — Sydney Fire District 1988

| | |
|---------------|------------------------------|
| January 17 | School, Baulkham Hills |
| January 28 | Factory, Smithfield |
| February 4 | Spillage, Smithfield |
| February 7 | School, North Rocks |
| February 13 | Hostel, Cabramatta |
| February 15 | Chemical Factory, Belrose |
| * February 19 | Petrol Tanker Fire, St. Ives |
| February 24 | Factory, Waterloo |
| February 28 | Factory, Bankstown |

| | |
|---|--|
| * March 3 | Factory, Moorebank |
| * March 30 | Apartments, Potts Point |
| April 30 | Factory, Silverwater |
| May 5 | Warehouse, Auburn |
| May 10 | Spillage (20,000 litres pure Naphtha), Berowra Tollway |
| May 14 | Retail Store, Granville |
| June 3 | LP Gas leak (30,000 litres) Silverwater |
| * June 9 | Airport Terminal lounge, Mascot |
| * June 26 | Publishing Company, Alexandria |
| July 10 | Sports Centre (foam pit), Homebush |
| * July 28 | House fire (siege situation), Balgowlah |
| August 5 | Shopping arcade, Auburn |
| August 9 | Factory, Warwick Farm |
| August 10 | Factory, Auburn |
| * August 19 | Two factories, Kingsgrove |
| August 24 | Fire in building under demolition, Sydney |
| * September 6 | Factory, Moorebank |
| September 27 | Hardware store, Lakemba |
| September 29 | Factory, Smithfield |
| October 18 | Transport depot spillage, Smithfield |
| October 25 | Vacant building, corner Dixon and Goulburn Streets, Sydney. |
| October 26 | School, Bonnyrigg |
| November 3 | Twelve floor office building (fire in lift on 11th floor) Sydney |
| November 11 | Four storey Pitt Street building, Sydney |
| December 25 | Factory (fire in stack of paper 20m x 40m x 4m stacked against buildings), Padstow |
| * Summaries of these significant incidents are provided as follows. | |

Summaries of Some Major Incidents

19 February — Tanker Fire, St. Ives

A petrol tanker containing 30,000 litres of petrol was severely damaged by fire which also spread to surrounding bush areas. Seven pumpers including two foam pumpers were utilised with Fire Brigade ten foam applicators to extinguish the tanker fire. Three Bush Fire Brigade tankers attended and extinguished the bush fires.

3 March — Chemical Storage Building, Moorebank

A chemical storage building containing 70 tonnes of chlorine was severely damaged by fire. Firefighting operations were



Top: Hazardous Materials (HAZMAT) suits in vertical storage to prevent creasing

Right: Decontamination training



made difficult by the fumes of burning chlorine and by the building construction — concrete panels — which collapsed both into the premises and outwards, endangering firefighting crews. Brigade operations were successful in limiting the damage to the adjoining property to the effects of smoke and water.

30 March — Apartments, Potts Point

A fire originated on the top level of a seven-storey building. The attending Brigades confined the fire to that level by utilising two aerial firefighting appliances and large diameter hose. Fifty occupants whose average age was 73 were safely evacuated. Had the fire occurred at night the consequences for the occupants could have been more severe.

9 June — Australian Airlines Terminal, Mascot

Fire originated in the southern end of the lounge area. It spread into the ceiling space and involved straw insulating materials which developed large volumes of smoke, rendering it difficult for firefighters to find the seat of the fire and achieve extinguishment. Damage, which was confined to the southern area of the lounge, was assessed at \$6,000,000.

26 June — Publishing Company, Alexandria

On the arrival of the Brigade the building was found to be involved on the northern side on all levels. This side was subsequently destroyed by fire. Firefighting strategy was implemented to successfully prevent the spread of fire to the western and southern wings of the building. The estimate of damage was \$6,000,000; the value of the area saved was approximately \$12,000,000. The cause has not been determined.

28 July — Siege and Cottage Fire, Balgowlah

This fire originated through the actions of a mentally deranged person who ignited a

caravan, car and cottage. He was armed with a rifle and had fired at passers-by. Because of this situation the firefighting crews carried out the subsequent prevention of the spread of fire to other premises, and extinguishment, under very difficult circumstances. A combined operation was carried out with police providing protection for the firefighting crews, who utilised a rescue monitor and turntable ladders.

19 August — Packaging Manufacturer

This fire involved two separate buildings — one a warehouse and the other a printing factory with offices, approximately 50m apart. The original fire involved the warehouse which was severely damaged. While this fire was being brought under control a second fire was reported in the main building. This second fire was determined as not being caused by spread from the initial fire in the warehouse. Both fires were subsequently extinguished by five pumpers, one rescue monitor and one hydraulic platform supported by five pumps in relay, utilising eight large diameter hoses.

6 September — Factory, Moorebank

Brigades from twelve stations attended a fire involving a single storey factory complex at Moorebank. The building was metal framed, fibroclad, 75m x 35m, containing manufacturing plant, laboratory and stored goods, mainly plastic. The building was totally destroyed and a loss of \$1.15 million was recorded. Brigade operations confined the fire to the building of origin and prevented damage spreading to any other buildings on the forty hectare site. The fire origin was investigated by the Board's Fire Investigation Unit. It was determined as accidental, originating from machinery in a laboratory.

Breathing Apparatus Section

A major specialist unit with 38 staff under the Metropolitan Superintendent, the Breathing Apparatus Section with its associated Hazardous Material Unit is responsible for the provision of protective apparatus to Brigades State-wide.

1988 Achievements

- * Delivered support around the clock to Brigades at incidents involving hazardous chemicals, with breathing apparatus crews responding to 230 incidents in 1988 (288 in 1987), and the Hazardous Materials Unit to 150 (126 in 1987).
- * The section is responsible for training firefighters in the use of 4-hour duration oxygen breathing apparatus to provide a special resource for fires in high-rise buildings, on ships, in tunnels, or underground, and in 1988 trained and qualified 65 operators, bringing the total firefighters with oxygen breathing apparatus qualifications to 1,300. In recognition of the training needs, the Section provided specifications for the job of Breathing Apparatus Training Officer, and made a foundation appointment in 1988.
- * Investigated and trialled new types of protective equipment.
- * With a State-wide inventory of 3,000 items of protective equipment, serviced and maintained existing items, and increased the stock by one-fifth, following exhaustive procedures involving specifying, ordering, acceptance testing, installing and providing training in the use of the new gear.
- * Contributed to the planning for Stage I of the redevelopment of the Board's Five Dock site to create an adequate facility for servicing protective gear and providing training in its use.
- * Persued a programme to upgrade all breathing apparatus sets from negative to positive pressure, completed the change over in Sydney, Newcastle and Wollongong and started to change over sets in the Blue Mountain and South Coast.
- * Proceeded with the programme of adding two sets of breathing apparatus to all country stations, (in most cases representing an increase from 4 to 6 sets), to the point where it is anticipated that the high priority phase of the programme will be completed by February

1989.

- * Continued to progressively acquire and allocate gas suits with the ultimate objective of a minimum of two per metropolitan station, with 4 at country stations.
- * Assessed fully encapsulated gas suits (with the B.A. set worn inside) with a view to acquiring suits which provide greater protection than the current type. Placed an initial order for a type not previously used; carried out acceptance tests and allocated suits to stations.
- * Supplied high pressure decontamination showers for the hazardous materials vehicles in Wollongong and Newcastle.

Fire Districts

Following consultations with the Cessnock City Council, Cessnock, Kurri Kurri and Paxton Fire Districts were integrated into a single Fire District called the Cessnock Fire District. This reduced the total number of Fire Districts in the State from 188 to 186.

Twenty-one amendments were made to existing Fire Districts to take in new residential and industrial developments and to exclude some undeveloped and bushland areas. The Fire Districts affected were: Alstonville, Armidale, Ballina, Branxton-Greta, Cessnock, Forster, Gosford, Illawarra, Kurri Kurri, Mudgee, Muswellbrook, Narromine, Orange, Paxton, Picton, Shellharbour, Sydney (Baulkham Hills, Fairfield, Sutherland), Warren and Warragamba.



A chemical spill

Country Operations

To meet the fire protection needs of areas outside the Sydney Fire District the Board authorised an increase of 7 Station Officers plus 5 permanent and 14 volunteer firefighters in 1988.

Six composite fire appliances were installed; the stations receiving them were Mount Victoria, Tamworth, Gundagai, Goulburn, Coffs Harbour and Port Macquarie. Maitland and Wyoming Brigades each received a water tanker.

Zone Captains' Conferences

Under the chairmanship of Zone Inspectors, Zone Captains' Conferences were held on weekends in March, April and May. A number of proposals were forwarded to the State Captains' Conference for consideration.

State Captains' Conferences

The annual State Captains' Conference was held in July with representatives from each Zone attending.

Inspectors' Conferences

Under the chairmanship of the Country Superintendent, Zone Inspectors attended conferences in March and October, Senior Management and technical staff attended to present technical papers and provide relevant information.

Zone Demonstration

There were no Zone Demonstrations authorised due to the Biennial State Demonstration.

State Demonstration

The Biennial State Demonstration was held in Port Macquarie in October and was a huge success with not only Zone brigades participating but also teams from Victoria and New Zealand.



Bushfires increased in 1988

Major Fires and Incidents Outside the Sydney Fire District 1988

| | |
|--------------|---|
| January 14 | Leak of dithiophosphate, River Lett Hill, Hartley |
| January 18 | Country club, Wauchope |
| February 2 | Wool Store fire, Bomen, Wagga Wagga |
| February 19 | Petrol tanker carrying 30,000 litres overturned, Berrigan |
| March 9 | Supermarket fire, Wollongong |
| March 11 | Car showroom fire, Bathurst |
| March 12 | Brick factory fire, Woonona |
| March 28 | Semi-trailer overturned, spilling ammonium nitrate, Kurri Kurri |
| March 31 | Chlorine gas released, factory, Dunheved |
| April 23 | Tourist bus collision, Gundagai |
| May 1 | Golf club fire, Bourke |
| May 9 | Restaurant fire, Dubbo |
| May 18 | Chemical spillage, Highway, West Wyalong |
| May 23 | Chemical spillage, Hume Highway, Aeroplane Hill |
| June 3 | Petrol spillage, depot, Dubbo |
| June 12 | Diacetone alcohol spillage, Gilgandra |
| June 16 | Council offices fire, Forster |
| July 3 | Technical College fire, Maitland |
| July 16 | School fire, Windale |
| July 17 | Petrol spillage, depot, Dubbo |
| August 14 | Warehouse fire, Moss Vale |
| September 17 | Fuel depot fire, Tamworth |
| October 5 | Nightclub fire, Newcastle |
| October 8 | Hydrogen tanker fire, Liddell power station |
| November 3 | Grass and forest fire, Wyee |
| November 7 | Explosion and fire, blast furnace, Mayfield |
| November 9 | Church fire, Toronto |
| December 5 | Restaurant fire, Newcastle |
| December 18 | Chemical spillage, Highway, Gilgandra |
| December 22 | School fire, Edgeworth |

Summary of Two Major Fires

18 January — Country Club, Wauchope

A fire was reported at 11.22 p.m. in a double storey weatherboard and brick building, with an aluminium roof, some 30m x 17m, used as a golf club house. The Wauchope Fire Brigade responded, supported by Brigades from Kempsey and Port Macquarie. The Port Macquarie Brigade directed hoses onto the northern and western sides of the premises to confine and extinguish the fire. Kempsey Brigade were responsible for salvage, and assisted on hose line. The fire was extinguished using two pumpers by 1.19 a.m. Mopping up operations continued for a further two hours. The cause of fire was determined later as suspicious. The responding brigades prevented the fire from totally destroying the club and saved a significant area of the premises.

2 February — Wool Combings and Store — Bomen via Wagga Wagga

This fire involved premises used for storing wool. It originated in burning pallets and timber located close to the exterior of the building, and burnt through fibreglass wall panels until it involved the bales stored inside the building. In spite of difficulty in obtaining sufficient water supplies, and the acrid smoke, the firefighters contained the fire to the original building and stored wool bales, preventing it from spreading to adjoining storage buildings and the main machinery area which housed machines to the value of about \$6,000,000. The estimate of damage caused by the fire was \$18,000,000. This amount represents a quarter of the total value of the premises and machinery, which although threatened by the fire, was saved by the concerted efforts of the Brigades and other assisting authorities.



Fighting to contain the blaze

Communications Survey

Efficient Fire Brigade operations depend on effective communications systems. The Board accepted that the current system needed updating and upgrading. Specific areas of concern included:

- mobile communications;
- the reliance on families of volunteer firefighters to receive fire calls and turn out the appropriate brigades;
- interfacing with Telecom's 000 service, especially in the light of pressure to establish a number of regionalised 24 hour control stations throughout the State;
- the operation of automatic fire alarm networks;
- communications planning, programming and approval processes as existing within the Board.

A working party composed of Telecom Australia and senior Board staff was set up to examine the Brigade's interface with Telecom's 000 service. It reported in March 1988 and recommended that the Board seek the assistance of professional engineering resources.

Following an intensive analysis of various proposals, the Board adopted the recommendation that a company be contracted as consultants to investigate services and advise on a strategic plan to upgrade and modernise the Brigade communications networks. The Minister and Premier signified approval of the Board's decision. The estimate of the total project cost was in the region of \$70,000.

The objects of the communication survey are as follows:

- (a) To identify the existing communication/networks and systems associated with the Board.
- (b) To identify the communication needs and requirements of the Board and its future business.

- (c) To recommend the solutions to meet those needs on a financially justifiable basis within the guidelines of government policy.
- (d) To assess staff functions and cost effective communication requirements.
- (e) Provide a national implementation programme.
- (f) Make a clear recommendation on direction to achieve the suggested communication strategy.

The survey is to be carried out in four phases. Phase 1, the review of existing network and facilities and the report arising therefrom should be produced for the Board after Easter 1989. Phase 2, the determination of future requirements; Phase 3, strategic options and recommendations and Phase 4, the implementation plan and programme, will also be reported to the Board in 1989. The Board is looking toward the result of the survey to provide a firm and expert basis on which to plan the future communications needs of the Brigades into the next decade.

Communications Report

The N.S.W. Fire Brigades control centre at Alexandria, with a staff of 45 under a Superintendent of Communications/Operations, monitors the despatch and movement of Brigade units throughout the coastal plain from Wollongong to the Central Coast. The Superintendent also supervises the mapping unit, the administration of automatic fire alarm connections and the Bush Fire Section. This Section has a staff of 5 full time personnel, and, in winter, an additional 7 for hazard reduction operations. Their duties involve training personnel in bushfire fighting techniques, carrying out hazard reduction operations, the preparation and updating of plans for bushfire emergencies, the organisation and function of the Special Response Squads and liaising with Bushfire Brigades. The Superintendent, Communications/

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В СЛУЧАЕ КРАЙНОСТИ



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PRO PŘÍPAD NÁHLÉ POTŘEBY

FONTOS TELEFONSZÁMOK

Cover of a multilingual Brochure used to promote community understanding of the function of the 000 emergency number

Operations represents the Board in liaising with other authorities in counter disaster planning and in reviewing the conditions under which hazardous goods are transported.

1988 Achievements

- * Arrived at a resolution establishing the appropriate level of staff for the control centres which are responsible for responding fire brigades in the Newcastle and Wollongong areas.
- * Fitted selected automatic fire alarms systems with an electronic current corrector to modify changes in current which were formerly triggering false alarms. Successful trialling could see the universal installation of this modification.

Control Centre, Alexandria

- * Updated Control computer software to improve the speed at which calls can be received and Brigades despatched.
- * Updated Control staff training handbook to ensure that incoming staff reach the necessary high level of performance.
- * Increased the relief component for Control operator numbers, thereby ensuring availability of trained staff in a cost efficient way.

Mapping Section

- * Provided maps delineating those fire district boundaries revised during the year.
- * Supplied new station maps as required.
- * Acquired topographic maps for reference and operational use by the Bush Fire Section.

To effect economies of time and costs with respect to the preparation of wall maps, introduced a policy of marking and laminating commercially available maps in place of the previous practice of supplying customised board-mounted maps. This measure will facilitate the process of providing updated maps as urban areas expand.

Bush Fire Section

- * Under bushfire danger conditions, substantial firefighting resources, were committed in conjunction with other services, to prevent wild fires from entering developed areas:
 - on 9 October 1988, protected Bundeena. Property damage was limited to one caravan, awnings and a fence.
 - on 12-18 October 1988, in the Royal National Park, property damage was confined to a shack near Garie Beach.
 - on 20-21 October 1988, the Ulladulla area was protected with no reported damage to property.
 - on 29-31 October 1988, in an area threatened by fire from Mount White through Kariong to McMasters Beach, no property damage was reported.
- * Maintained effective co-operation with other Services responsible for bushfire fighting, continued to contribute to the deliberations of the Bushfire Council and its Co-ordinating Committee, and also to District and Regional Bushfire Committees.
- * Co-operated with National Parks and Wildlife Service and Local Government personnel in reducing hazardous levels of growth near settled areas in Sydney and the Blue Mountains. In the latter area some 735 hectares were treated.
- * Ensured that hazard reduction operations were carried out in an environmentally sensitive manner and in conjunction with relevant guidelines so as to protect native plant and animal species.
- * Provided training to N.S.W. Fire Brigades staff in hazard reduction operations by using firefighters from operational stations for this purpose, thus providing them with hands-on experience under specialist supervision.

- * Provided courses at which a further 90 personnel received tuition in bushfire fighting skills. Staff changes were catered for by training 138 firefighters, both new and redeployed personnel, in water tanker driving, and 186 in chain saw operation. Twenty-two staff completed an off-road driving refresher course.
- * Prepared nine N.S.W. Fire Brigade officers for appointment under Section 41F of the Bush Fires Act, by organising a training seminar designed to prepare both Board personnel and Forestry Commission, National Parks and Wildlife Services and Local Government Fire Control Officers to take charge of major bushfire fighting operations.
- * In response to two major bushfire emergencies, successfully utilised vehicles of the emergency bushfire support plan fleet which are held in reserve to provide forward assistance when such situations occur.
- * Completed assessment of "composite appliances" (water tankers with pumps and some equipment for structural firefighting). In line with Board policy, installed "composites" as second appliances at Tamworth, Port Macquarie, Coffs Harbour, Armidale, Mount Victoria, Goulburn and Gundagai.

Fire Prevention

The Fire Brigades Act requires the Board to carry out fire prevention measures. In the discharge of this obligation, the Fire Prevention Department, with a staff of 22, provides advice on structural fire protection to the building industry, to government departments, and to the public.

Building Development

In the state of New South Wales, commercial buildings to the value of \$3,637 million were erected in the last financial year. The Board's Fire Prevention Depart-

ment is required to deal with the majority of these applications. Some major building projects in which the Department was involved included:

- * Darling Harbour Project — Maritime Museum, Convention Centre, Darling Walk, Aquarium.
- * Sydney Harbour Tunnel.
- * Carrington Tower, George Street, Sydney.
- * Relocation, Paddy's Market, Everleigh, Redfern.
- * Pacific Bay Beach and Golf Resort, Coffs Harbour.
- * Ballina Fair Shopping and Entertainment Centre, Kerr Street, Ballina.

The Fire Prevention Department approved 2663 plans and applications relating specifically to new buildings, and dealt with 550 general requests for fire prevention advice, and complaints by the public, about situations such as blocked fire escapes, and the storage of flammable and combustible materials.

Officers carried out 2364 inspections of all types and classes of buildings including public and private hospitals, nursing homes, theatres and child care centres.

In the country, inspections of high life risk establishments are of necessity carried out by Country Inspectors located in ten major regional centres.

Achievements for 1988

- * Revised Board's policy on internal linings in child care centres when alterations or additions are proposed.
- * Developed a policy for child care centres located at levels other than ground floor.
- * Developed a fire safety placarding method on means of escape in case of fire for hotels and motels, on similar lines to the practice in overseas countries.
- * Completed the inspection of grandstands located throughout New South Wales undertaken as a result of the Bradford Grandstand fire in Great Britain.

- * Represented the Board on fire safety committees concerned with building regulatory matters and on 43 standards committees relating to fire protection and fire safety.
- * Attended Courts and committees of enquiry on upgrading of existing premises or complexes. Advice was provided to enquiries into proposed developments including:
 - Maxwell Chemicals, Holbeche Road, Doonside;
 - Esso bulk storage depot, Stephen Road, Banksmeadow
 - B.P. bulk storage, Stephen Road, Banksmeadow.
- * Developed a fire safety inspections training course and produced a comprehensive inspections manual to assist officers to meet the obligations arising from amendments to the Building Regulations and the changed role that will result.
- * Inspected 48 hospital fires in New South Wales to determine the effectiveness of installed equipment and consequently identified a fire safety problem in an emergency exit light unit.

Fire Investigation

The Fire Investigation Unit was bought to its agreed operational strength of Inspector and seven District Officers in January 1988. It functions on the standard roster basis, where one District Officer is attached to each of the four platoons and responds to fires as required. The Inspector and one District Officer follow a day work roster and respond as required to fire scenes throughout the State. The Unit also has a District Officer relief component which provides both long and short term leave relief, ensuring the availability of appropriate expertise at all times.

1988 Achievements

The Unit continues to interact strongly with all elements of police in the investigation area and the Inspector reports that the Police Commissioner has instructed his officers to work closely with the Unit.

To this end, numerous conferences have been conducted in cases where fire and building construction behaviour have become issues of evidence, with Police Arson Squad and Physical Evidence Unit investigators.

There has also been a heightening of referral from the insurance industry in suspected fraud/arson matters, and it is believed that this liaison is encouraging the industry to a firmer stand in suspected fraud claim denial.

As an aid to the better understanding of fires and building construction fire behaviour by police and insurance investigators, the Unit has conducted three test burnings of houses which were to be demolished for various reasons. Numerous fire scenarios were created within these premises in simulation of known or suspected arson methodology. These included the behaviour of various flammable liquids, reactive chemicals, domestic gas supplies and the variety of supposed electrical causes, with the benefit of before and after inspection of the effects to the building components, floors and floor coverings and furnishings.

The National Building Technology Centre used these exercises to measure and record temperature readings for both internal and radiated heat effects and other observed data.

The exercises were also recorded by the various participants on video tape, with voice-over comments by Unit officers, for ongoing training purposes.

The Unit's work has also entailed the recreation of fire scenes for the timing of various events to enable police to test evidence and witnesses' statements.

Since the Unit staffing reached full strength, the Unit officers on standard roster have intensified fire service training by con-

ducting instructional periods for all platoons at individual stations on the subjects of fire causes, investigation and the correct procedures for scene preservation.

Education in these subjects and in the efficient preparation of written reports and statements continues to be imparted by the Unit to Brigade members attending Officer Development courses.

To ensure pertinency and improvement in the submission of court statements by Brigade members, the Unit has liaised with the Coroner and his court officers during the year.

The Unit continues to represent the Board on the N.S.W. Standing Committee on Arson and the Minister's Arson Advisory Group, and looks forward to better results when the Arson Reward Scheme, which is an initiative of the arson advisory group, is in place.

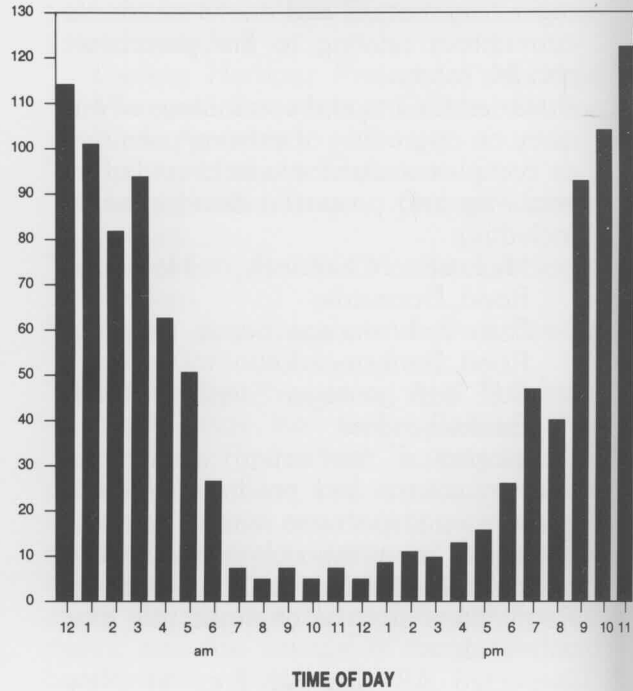
Three Unit members have attended a two week certificated course for fire investigation officers held at the Police Training Academy at Rokeby in Hobart.

During the year, there were 2,241 suspicious fires and 1,284 deliberately lit fires. Incendiary and suspicious fires increased by 12 percent on 1987 figures and this is assessed as evidence that the work of the Unit is causing fire cause identification to be more efficient. There is an upward trend in incendiary and suspicious structure fires. Incendiary and suspicious structure fires increased by 11 percent on 1987 figures. Schools accounted for 10 percent of all incendiary and suspicious structure fires in 1988. The number of incendiary and suspicious fires in "Residential Property" rose from 231 in 1987 to 248 in 1988; the number of incendiary and suspicious fires in "Shop and Office Property" rose from 106 in 1987 to 123 in 1988 and the number of incendiary and suspicious fires in "Manufacturing Property" rose from 20 in 1987 to 26 in 1988. Motor vehicles showed a decrease of 21 percent in fires of this character.

INCENDIARY AND SUSPICIOUS VEHICLE FIRES

(JAN-DEC 1988)

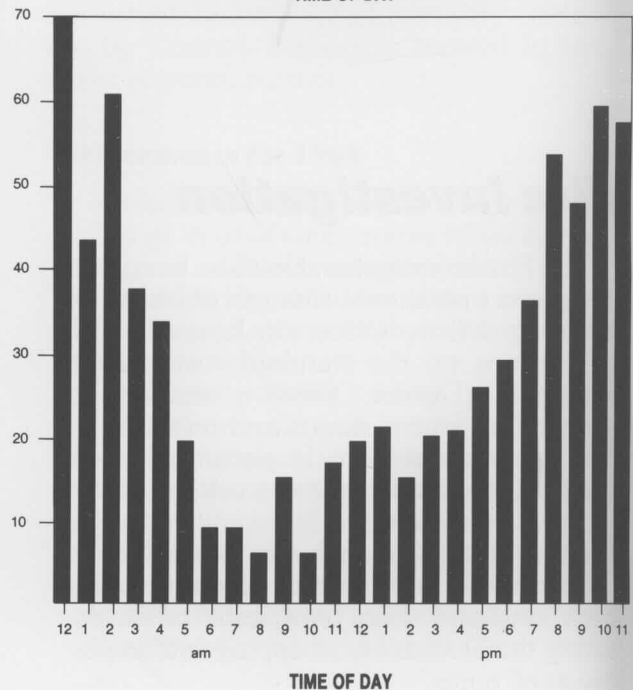
TIME OF DAY



INCENDIARY AND SUSPICIOUS STRUCTURE FIRES

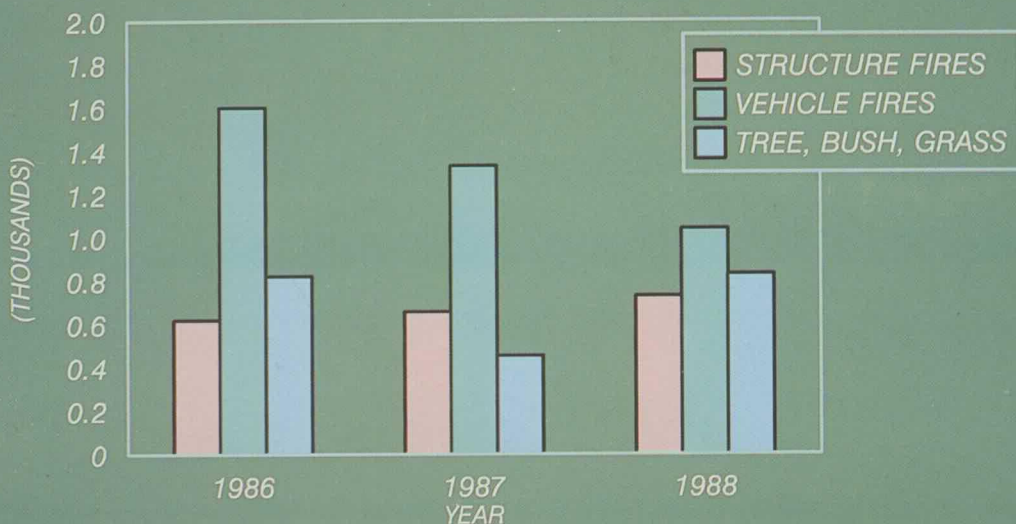
(JAN-DEC 1988)

TIME OF DAY



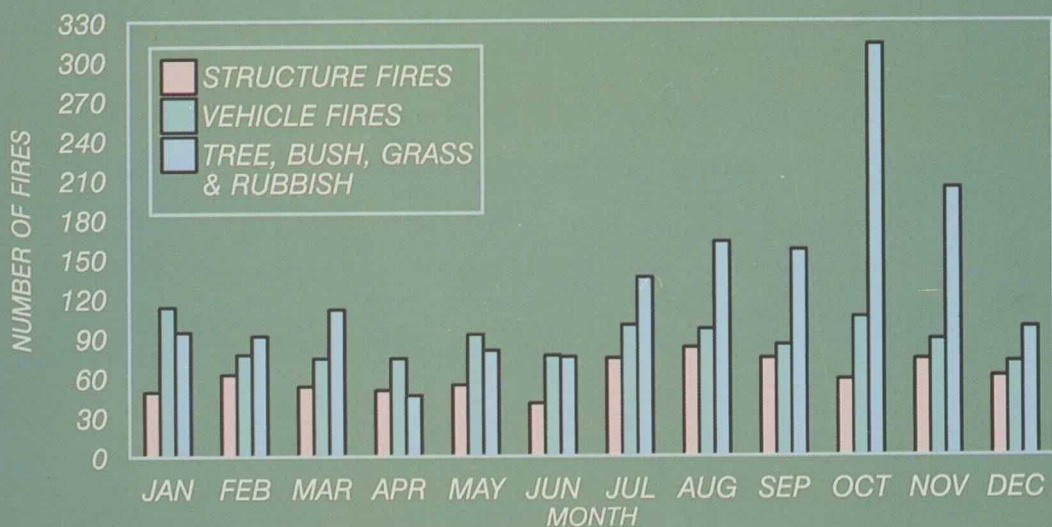
INCENDIARY AND SUSPICIOUS FIRES

COMPARISON 1986 - 1988

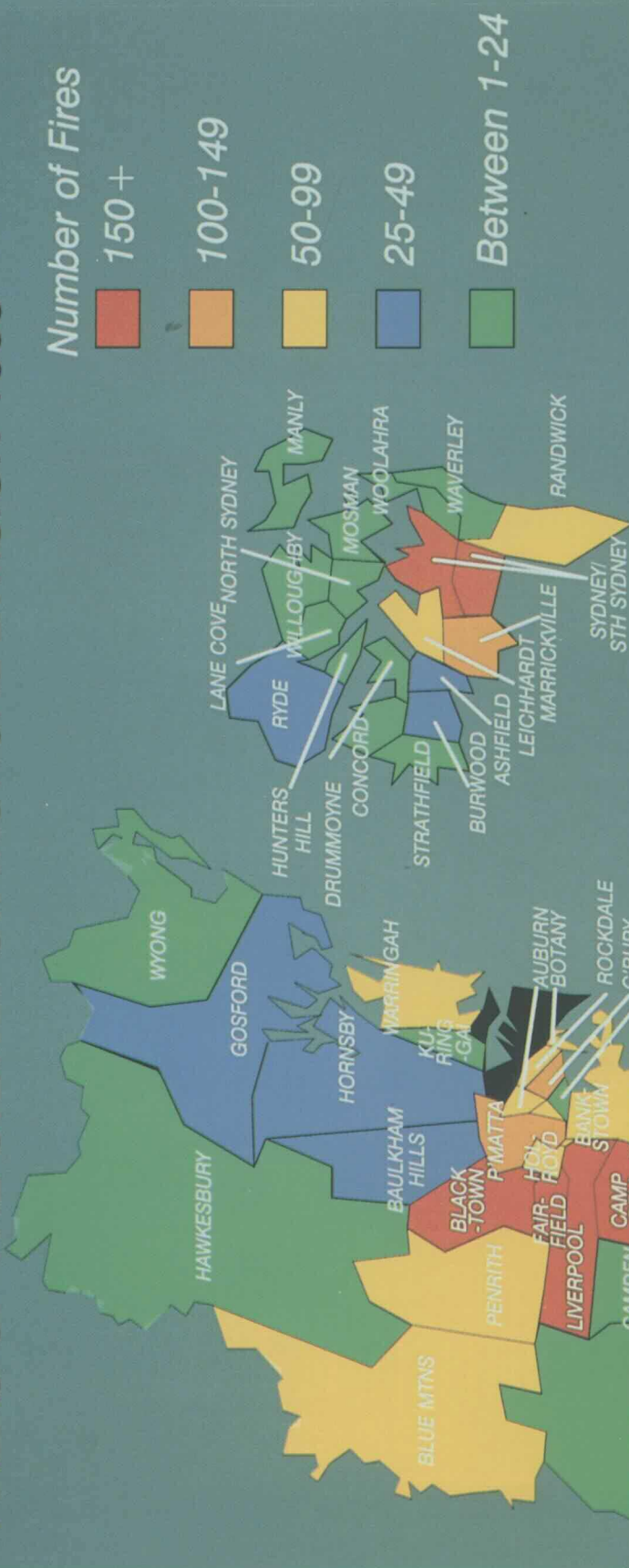


INCENDIARY AND SUSPICIOUS FIRES

MONTH OF OCCURRENCE



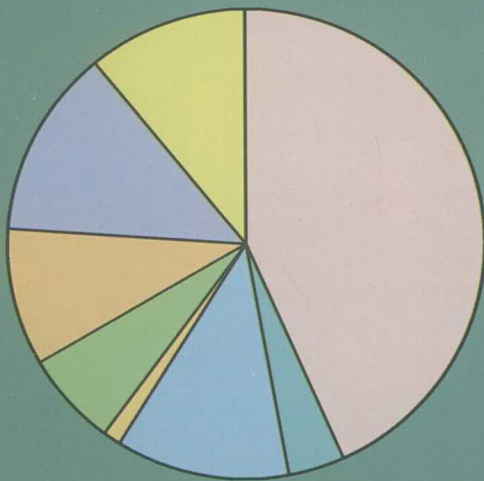
INCENDIARY AND SUSPICIOUS FIRES BY LOCAL GOVERNMENT
AREAS OF THE SYDNEY STATISTICAL DIVISION 1988



Source : Statistics Section, Fire Research

TYPE OF INCIDENT 1988

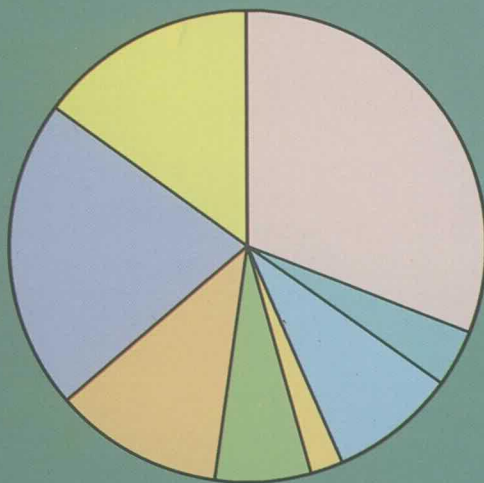
REST OF STATE



| | |
|---|-------|
| FIRE, EXPLOSION | 43.4% |
| RESCUE CALL | 3.8% |
| HAZARDOUS CONDITION OR STANDBY | 11.8% |
| SERVICE/SALVAGE CALL | 1.2% |
| GOOD INTENT CALL | 6.5% |
| MALICIOUS FALSE CALL | 9.5% |
| FALSE ALARMS DUE TO SYSTEM MALFUNCTION | 13.0% |
| OTHER | 10.8% |

TYPE OF INCIDENT 1988

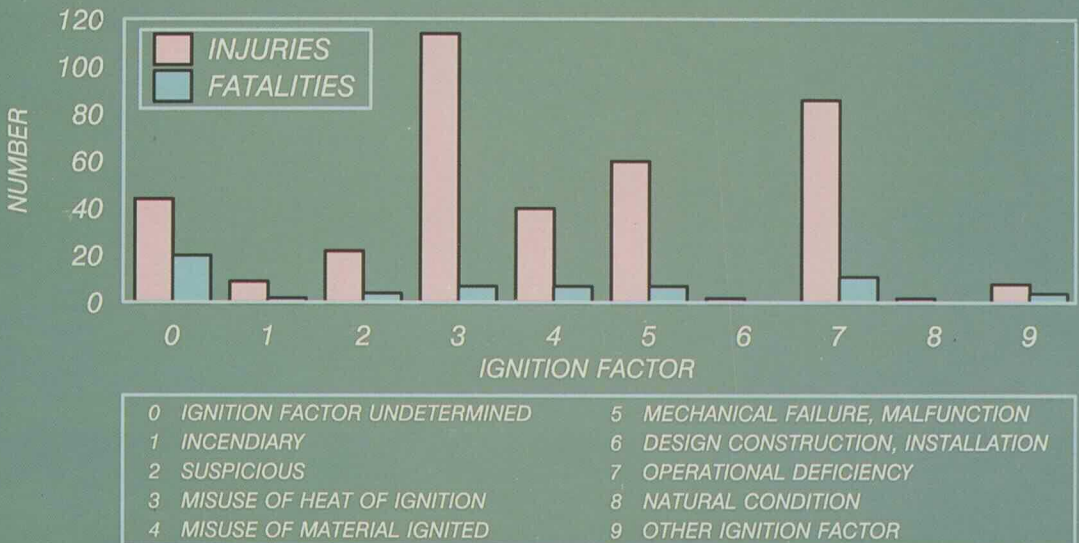
SYDNEY AND OUTER SYDNEY FIRE DISTRICTS



| | |
|---|-------|
| FIRE, EXPLOSION | 31.1% |
| RESCUE CALL | 3.9% |
| HAZARDOUS CONDITION OR STANDBY | 8.6% |
| SERVICE/SALVAGE CALL | 2.2% |
| GOOD INTENT CALL | 6.5% |
| MALICIOUS FALSE CALL | 11.5% |
| FALSE ALARMS DUE TO SYSTEM MALFUNCTION | 21.4% |
| OTHER | 14.8% |

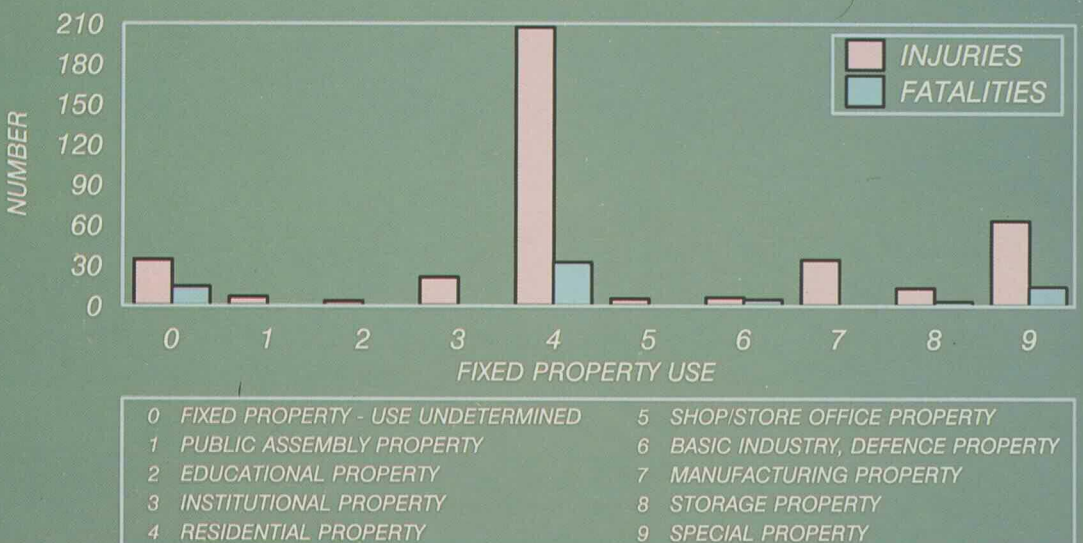
FIRES INVOLVING INJURIES OR FATALITIES

CASUALTIES BY IGNITION FACTOR 1988



FIRES INVOLVING INJURIES OR FATALITIES

CASUALTIES BY FIXED PROPERTY USE 1988



Public Education on Fire Prevention and Safety

In line with its responsibility for preventing fire, the Board undertakes an extensive public education programme which includes lecturing on the subject of fire protection, conducting a programme directed towards informing children of the dangers of fire, and carrying out publicity activities.

Lecturing and Firefighting Training

The Board's Lecturing Section, with a staff of four Brigade officers, gave 500 lectures on fire prevention, and instruction in the use of fire extinguishers to the staff of schools, hospitals, and government departments and to building managers. The Section advised on evacuation plans, procedures and exercises. Courses of firefighting training were provided to the staff of the Fire Museum, private fire-tug crews, the Merchant Navy, the Army Maritime Wing and the Naval Police.

Children

On request from schools, Brigade officers visit and teach fire avoidance, fire prevention and fire survival. The puppet "Inspector Cinders", a prime medium for this education, gave 350 lectures reaching approximately 54,000 children in 100 country and city schools. Audiences of children received the fire prevention message live from Inspector Cinders at over 100 public appearances including agricultural shows, concerts and displays. The puppet was again featured on television and radio. The continuing enthusiastic response to the puppet encourages the Board to maintain the Inspector Cinders programme under the direction of Station Officer Krimmer.

I'M A FRIEND OF INSPECTOR CINDERS



and the N.S.W. FIRE BRIGADES

A promotional sticker

Public Relations Section

The Section assisted in staging major events to raise public awareness of fire safety and prevention. They include: the 000 Fun Run, the ceremonial graduation parade of firefighters, fire Safety Week, and the Royal Easter Show display. In addition, a range of publications dealing with the functions and activities of the Board was produced and distributed. They include:

Annual Report

Fire News: a quarterly magazine for firefighters

Update: a newsletter for staff

The N.S.W. Fire Service: a brochure for the public introducing the Service.

Use of 000 'phone number: a multi-lingual pamphlet

A colouring-in book for children

A fire safety bookmark

Fire and You: brochure

Bushfire and You: brochure

Fire Prevention, Fire Safety and You: brochure

Fire is our Foe: brochure

The Section also deals with public and media inquiries.

Administration and Logistics

The Supply and Maintenance Division (with a staff of 144) provides logistic support to the N.S.W. Fire Brigades. Operating at a large complex at Chullora, it has supply, stores, transport, mechanical, and electrical repairs and maintenance units. Each functional unit reports through a coordinator to the Superintendent Equipment, who is manager of the division.

1988 Achievements

Administration

- * Implemented structural changes with the object of improving the performance of support activities.
- * By renegotiating the contract for security services at the Chullora complex, achieved a higher degree of security, more cost effectively than the previous arrangement.
- * Maintained the Board's commitment to employing apprentices in all disciplines, taking on 6 new apprentices in 1988 to maintain 21 apprentice positions.
- * Reported with keen satisfaction that apprentice bootmaker, John Miles, received an award for the leading N.S.W. APPRENTICE FOR THE YEAR IN HIS TRADE.

Mechanical

- * In the Board's Mechanical Workshops at Chullora:
 - Carried out preventive maintenance on over 500 vehicles;
 - Made 4500 repairs;
 - Carried out pre-registration checks on 300 vehicles;
 - Replaced rear spring hanger brackets on 53 pumps.
- * By outside contractors:
 - Had 4 hydraulic platforms and 3 salvage appliances repowered;
 - Completed the upgrading of 10 skyjet appliances.

- * In the Newcastle workshops:
 - Carried out preventative maintenance on 40 vehicles;
 - Made 350 repairs.

Country Maintenance

- * Saw the successful result of a 1987 initiative whereby a second Country Maintenance Officer was appointed. The two officers in the field organised the maintenance of Brigade vehicles by supervising their twice yearly servicing by contractors located close to country fire stations.

On Call Service

- * Held sufficient mechanical and electrical staff available 24 hours per day on call to provide mechanical or electrical support to Brigade operations at Control Centres, at breakdown sites, at large suburban fires, and at large bushfires.

Electrical/Communications

- * Completed the installation of radio and paging systems throughout New South Wales.
- * Completed upgrading the radio communications system in the Blue Mountains to the end of programmed Stage 1.
- * Completed major work on the communications system at Headquarters Station.
- * Carried out major renovations to the electrical and communications systems at Redfern, Rockdale, Gladesville, Campsie, Lakemba, West Wyalong, Deniliquin, Katoomba, Albury and Broken Hill Fire Stations.
- * In connection with the commissioning of replacement fire stations, carried out the necessary changeover of electrical and communications equipment at Hay, Wauchope, and Gilgandra.
- * Installed fire reporting systems at Balranald, Hillston and Lake Cargelligo, thus completing the programme which involved modifying the home tele-

phones of Volunteer Firefighters to allow them to take fire calls.

- * Installed terminals to receive automatic fire alarms at Morpeth, West Wylong, Kiama, Mittagong, Batemans Bay, Nowra, Queenbeyan, Gilgandra, Hay, Canowindra, Molong, Deniliquin, Grafton, Wauchope, Coffs Harbour and Wellington.
- * Undertook the trialling of devices on a number of automatic fire alarm systems in the Sydney Fire District with a view to effecting a reduction in the number of false alarms transmitted by the systems.

Hose

- * Supplied the Brigade with hose and related equipment from the Hose Department at Chullora which in 1988 fitted 1600 lengths of new hose, and repaired 2700 lengths.

Boots

- * In the Boot Department at Chullora, manufactured 1800 pairs of firefighters' boots and, repaired 1600 pairs.

Supply Services

- * Purchased and supplied general fire fighting equipment.
- * Invited tenders and let a contract directed towards the efficient, economical and prompt supply of general stores to fire stations in the Sydney area.
- * Overhauled the uniform/clothing entitlement and issue procedures with a view to streamlining supply in a cost-effective manner.
- * Improved the security control of the stores area to permit greater accountability.

Equipment Development

- * Created a new Equipment Development Section (part of the former Technical Development Division) which coordinated procedures from specification through tender to acceptance for major equipment purchases, as approved to

form the Board's 1988/89 Motor Programme, including:

- four different configurations of pumping appliances;
- the composite water tanker/pumper appliance;
- a prime mover for the Transport Department.

The section also coordinated the installation of air compressors to recharge breathing apparatus at country stations.

Equipment Research

- * Created the new position of Equipment Research Officer (at District Officer level) to assist and evaluate proposals to improve Brigade equipment.
- * Assisted in the preparation of an illustrated equipment catalogue listing stock fire fighting equipment. When completed, the project will simplify the requisitioning and supplying of replacement items.
- * Conducted evaluation tests to determine the most suitable hose for fire brigade use. Completed tests on three brands on 70mm hose; ordered lengths of three brands of 38mm hose for evaluation at selected stations.
- * Assessed a system of pumping firefighting foam which would substantially reduce the amount of foam compound required. The evaluation is continuing.
- * Determined the relevant standards for the supply of general purpose gloves, which will be required as a consequence of policy decisions regarding firefighter safety.

Cordage

- * Undertook a one-off project to implement a standard for fire service ropes, lines, harness and accessories. The project included representation of the Board on a revision of the existing ropes standards and the preparation of a new standard for life/rescue rope.
- * In co-operation with Australian manufacturers, produced a prototype rope suitable for life/rescue work, matching



*Men, vehicles and equipment must be ready to
respond to any emergency*

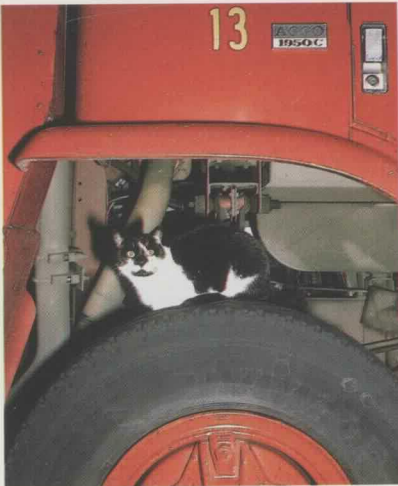
the design criteria of ropes currently imported, and so avoiding import costs.

- * Introduced an improved design of the Stokes litter into the Service.

Motor Officers

- * This unit comprises two Brigade Motor Officers who are directly responsible for maintaining the availability of the Board's firefighting fleet and for the satisfactory operation of major pumping equipment at fires. The pumper evaluation was a major task of this Section in 1988, and because this work involved close liaison with Equipment Research Section, the reporting function for these officers was transferred to the Manager Supply and Maintenance.

The Motor Officers' report on the types and disposition of the Board's fire fighting fleet as at the end of the year is given at the end of this section.



Transport

This Section with eleven staff is responsible for the transportation of the Board's fleet throughout the State as required following breakdowns, need for repairs, or the replacement of vehicles. The Section also has a role in the movement of supplies and equipment. In 1988, it played a major part in the Bicentennial Volunteer demonstration, which is reported elsewhere in this report.

Pumper Evaluation

- * For fifteen years the Board had been re-equipping its firefighting fleet of pumping appliances from the series produced by a single manufacturer. The Board has decided to evaluate a range of available vehicles with the object of determining the most suitable for its purposes in order to further update the vehicle fleet.

To this end, the Board established specifications, and exposed four pumpers of different makes to extensive performance evaluations covering the truck chassis, the cab type, the body materials, and the overall appliance performance. The evaluation project is to be completed with a report to the Board in February 1989.

Motor Programme

- * Due to a need for pumpers for fleet replacement, eight further evaluation pumper chassis were ordered, two from each of the suppliers of the evaluation pumper prototypes.

The programme of remounting older rescue monitors onto new cab chassis has continued. For 1988/89 two rescue monitor remounts are programmed.

A number of country fire stations have traditionally had a second appliance, either a water tanker or a second pumping appliance. The Board has identified a need for a composite vehicle which combines the water tanker capacity with four wheel drive off-road capability and a pumping capacity and added equipment to enable it to be used in support situations for structural firefighting. This configuration provides a single appliance with both water tanker capability and the facility to support urban firefighting operations. After evaluations were completed in 1988, seven new composite appliance have been ordered under the 1988/89 motor programme for ultimate allocation to country towns.

Other major items included on the 88/89 programme are a replacement vehicle for servicing breathing apparatus equipment at country stations, and two appliances equipped to support Brigade operations at fires and chemical spills with increased capacity to carry breathing apparatus and hazardous materials response equipment. These will replace earlier appliances in the Newcastle and Wollongong areas. Within the programme for the progressive replacement of the older petrol fuelled water tankers, four diesel water tankers are envisaged for addition to the fleet in 1988/89.

A rationalisation of the Board's transport vehicles has led to their being considered along with firefighting ap-

pliances as part of the motor programme. As a result, a low-loader trailer and two prime movers have been ordered for the operations of the Transport Department, replacing several older vehicles. A transport tilt tray has also been ordered as replacement of the existing tilt tray recovery vehicle.

The final item on the motor programme is the modification of the command vehicle. Due to mechanical problems it has now been fitted to a new truck chassis.

The Board's determination to build up the most efficient and cost effective fleet is reflected in the high proportion of prototype and evaluation items included in the 1988/89 motor programme.

TYPE AND DISPOSITION OF FIRE APPLIANCES

PUMPING APPLIANCES

| Make & Series | Pump Capacity l/sec | Year(s) Commissioned | Total No. | Sydney Fire Districts | | | Other Fire Districts | | |
|----------------|------------------------|-------------------------|--------------|-----------------------|-------------|-------|----------------------|-------------|-------|
| | | | | 1st Call | 2nd Call | Spare | 1st Call | 2nd Call | Spare |
| MORRIS | 38 | 1958 | 1 | | | | | 1 | |
| BEDFORD | 34 | 1959/64 | 4 | | | 2 | | | 2 |
| FORD D200 | 27 | 1969 | 4 | 1 | | 2 | 1 | | |
| FORD D200 | 38 | 1967 | 4 | | | 4 | | | |
| FORD D400 | 38 | 1966 | 4 | | | 4 | | | |
| DENNIS JAGUAR | 46 | 1969/72 | 71 | | | 9 | 24 | 4 | 34 |
| INTERNATIONAL | | | | | | | | | |
| C1600 | 38 | 1973 | 3 | | | 3 | | | |
| 1610A | 38 | 1974/75 | 30 | | | | 27 | 1 | 2 |
| 1710A | 38 | 1976/77 | 40 | | | | 37 | | 3 |
| 1710A | 57 | 1978 | 11 | | | 2 | 8 | | 1 |
| 1710B | 57 | 1979/82 | 61 | | | 1 | 57 | | 3 |
| 610A 4X4 | 57 | 1980 | 2 | | | | 2 | | |
| 1710B FOAM | 57 | 1980 | 9 | 7 | | 1 | 1 | | |
| 1710C FOAM | 57 | 1983 | 1 | | | | 1 | | |
| 1710C | 57 | 1983 | 46 | | | 1 | 43 | 1 | 1 |
| 1810C | 57 | 1984/86 | 116 | 55 | 1 | 22 | 37 | | 1 |
| 1950C | 92 | 1982/86 | 5 | 4 | | | 1 | | |
| 1950C 4X4 | 57 | 1984 | 1 | 1 | | | | | |
| 1810C GILMAT/F | 57 | 1987 | 1 | 1 | | | | | |
| M/BENZ | 57 | 1988 | 1 | | | 1 | | | |
| SCANIA | 57 | 1988 | 1 | | | 1 | | | |
| VOLVO | 57 | 1988 | 1 | | | 1 | | | |
| | | | 417 | 69 | 1 | 54 | 239 | 6 | 48 |

TYPE AND DISPOSITION OF FIRE APPLIANCES

SPECIAL APPLIANCES

| Make & Series | Year(s) Commiss- ioned | Total No. | Sydney Fire Districts | | | Other Fire Districts | | |
|---------------------------|------------------------------|--------------|-----------------------|-------------|-------|----------------------|-------------|-------|
| | | | 1st Call | 2nd Call | Spare | 1st Call | 2nd Call | Spare |
| AERIAL APPLIANCES | | | | | | | | |
| TELESQURT | 1975 | 5 | | | 2 | 1 | | 2 |
| TELESQURT | 1985/87 | 3 | 1 | | | 2 | | |
| SKYJET | 1979/84 | 10 | 6 | | 1 | 3 | | |
| SNORKEL | 1975/85 | 6 | 4 | | 2 | | | |
| T/T LADDERS | VARIOUS | 7 | 3 | | 3 | 1 | | |
| BRONTO SKYLIFTER | 1988 | 1 | 1 | | | | | |
| | | 32 | 15 | | 8 | 7 | | 2 |
| COMPOSITES | | | | | | | | |
| ISUZU | 1988 | 7 | | | 1 | 6 | | |
| | | 7 | | | 1 | 6 | | |
| SALVAGE MOTORS | | | | | | | | |
| ALBION | 1973 | 1 | | | | | | 1 |
| INTERNATIONAL | 1975/88 | 13 | 6 | | 4 | 2 | | 1 |
| | | 14 | 6 | | 4 | 2 | | 2 |
| SPECIAL APPLIANCES | | | | | | | | |
| C02 (THAMES) | 1966 | 1 | | | 1 | | | |
| C02 (INTER) | 1984 | 1 | 1 | | | | | |
| CANTEEN | 1975 | 1 | | | 1 | | | |
| CANTEEN TRAILERS | 1984 | 4 | 2 | | | 2 | | |
| B/A TENDER | VARIOUS | 4 | 2 | | | 2 | | |
| HAZMAT VEHICLE | 1984 | 1 | 1 | | | | | |
| LIGHTING VEHICLE | 1982 | 1 | 1 | | | | | |
| LIGHTING TRAILOR | 1985 | 1 | 1 | | | | | |
| FIRE COMMAND | 1985/88 | 2 | 1 | | 1 | | | |
| ALL TERRAIN VEHICLE | 1983/88 | 2 | | | | 1 | | 1 |
| FOAM TRAILER | 1985 | 1 | 1 | | | | | |
| BULK WATER TRAILER | 1988 | 1 | | | | | | |
| COACH | 1986 | 1 | | | | | | 1 |
| | | 21 | 10 | | 3 | 5 | | 2 |
| WATER TANKERS | | | | | | | | |
| INTER 6X6 | 1978 | 1 | | | | 1 | | |
| BEDFORD 4X2 | 1980 | 1 | | | | 1 | | |
| BEDFORD 4X4 | 1967/82 | 30 | | | 6 | 24 | | |
| M/BENZ 4X4 | 1984/86 | 19 | 8 | | 3 | 8 | | |
| | | 51 | 8 | | 9 | 34 | | |

Secretariat

The Secretariat (21 staff) is responsible for the provision of administrative services. Its functions include the management of records, the preparation of correspondence, word processing, the publication of instructions to fire brigade and support personnel, the documentation of changes to fire district boundaries, and the provision of library support.

1988 Achievements

- * Processed through to gazettal 21 fire district boundary changes.
- * Distributed 28 sets of instructions from the Chief Officer to the Fire Brigades, and 21 from the Secretary to support staff.
- * Brought the Records Section up to a full staff of 10. Directed efforts to minimise the time taken in the Records Section to handle incoming and outgoing correspondence.
- * Undertook an audit of the Board's records of building inspections.
- * Investigated computerised records retrieval system.
- * Maintained full time professional library service to staff and outside organisations and individuals. Extended library collection, especially in hazardous materials and fire investigation areas. Increased services as follows:-

| | Reference inquiries answered | Items acquired | Requests for sets of journal articles | Loans | |
|------|------------------------------|----------------|---------------------------------------|-------|--------|
| | | | | Books | Videos |
| 1987 | 173 | 357 | 221 | 796 | 988 |
| 1988 | 228 | 479 | 269 | 943 | 1072 |

Planning and Management Review

The division will address in detail those aspects of the Board's corporate plan that relate to the current and future provision of fire services. A Superintendent will head the Division. Staff with the required expertise were recruited to bring the establishment level of the Division up to a total of seven.

1988 Achievements

- * Action was commenced and is still in progress to evaluate the existing performance standards of the Board.
- * Within the planning role, Local Government Councils and the Department of Main Roads were consulted and advised on the effect which proposed road closures and the construction of free-ways would have on access for emergency vehicles.
- * Proposed variations to fire district boundaries were evaluated and adjusted in line with urban development in metropolitan, and country areas.
- * Responsibility for inputting fire statistics into the Board's data base was devolved to District and Zone level, substantially reducing the delays inherent in the previous centralised operation. Advantages accruing from local input have been earlier availability of statistics and a more meaningful level of information.

Management Information System

Personal Computers (PC) have been introduced in many areas of the Board in line with the Board's policy of providing computer support at the user level.

During 1988 the Boards FIREBASE System reached further penetration into all aspects of the Boards activities.

The office Automation System used, known as "All-in-1" is now a well established and integral part of both the opera-

tional and support arms of the Board.

The AFIRS System continues to provide up to date and accurate Statistical Information on incidents.

PC-based equipment control and management systems were developed and implemented for the Breathing Apparatus Section, the Rescue Section and the Electronics Division.

The Accounts Department, Fire Prevention and Fire Research Departments, have lead the way in the development of customised applications.

Most of this development has been undertaken by the department's own staff with guidance from the M.I.S. Department specialists.

The successful implementation of these Systems can be attributed to the co-operation and enthusiasm of the Staff working in these areas.

Training in the use of Word Processing, Firebase and "All-in-1" is provided on a continuing basis to those staff members who have access to the System.

Three in-house PC courses have been developed, covering Introduction to PC'S, MS-DOS Operating System, Spreadsheet and Database development. These courses are provided by the MIS Department to all members of the Board's Staff.

Property Management

During 1988, funds for capital works were again limited and during part of the year, there was a freeze on capital expenditure.

New stations were completed at Gilgandra, Hay, Berry and Wauchope, the latter being opened by the Minister for Police and Emergency Services, Mr. Ted Pickering, M.L.C. on 2 July, 1988.

Properties were purchased during 1987 at Kempsey and West Dubbo and were converted into Fire Stations and are now operational.

Major renovations were completed in the metropolitan stations of Glebe, Gladesville, Redfern, Rockdale, The Rocks and Ashfield.

Deniliquin Station underwent major alterations and renovations, converting the one bay station into a two bay station, the design of which retains the distinctive architecture of the old building.

The design and construction of the new station at Gilgandra was undertaken by Gilgandra Shire Council, under Board supervision resulting in an attractive station at a much lower cost.

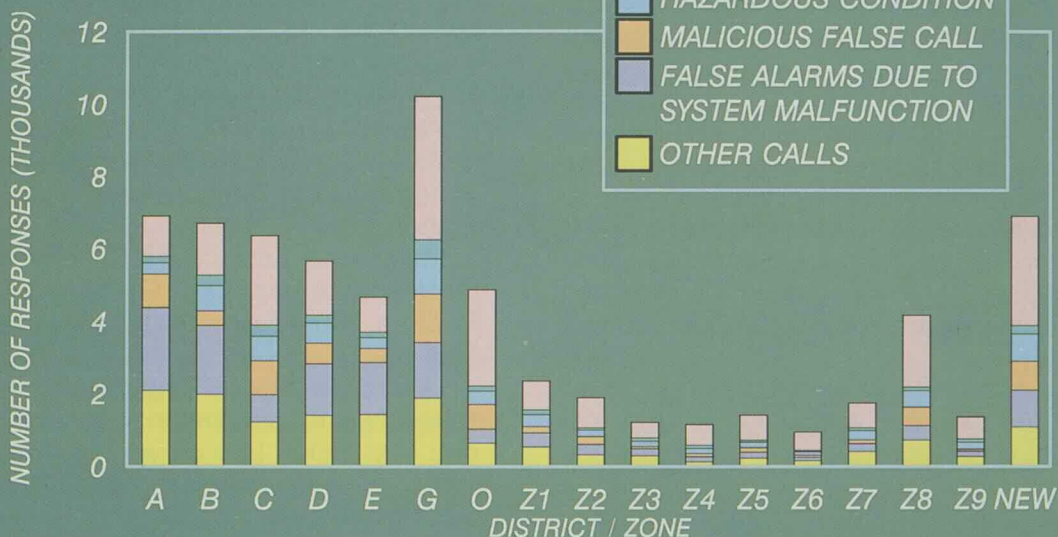
The board's fire station properties continue to be maintained in accordance with a cyclical review programme. Work on all properties scheduled for attention during the year was completed. Priority is being given to the installation of breathing apparatus decontamination facilities in all

WORK IN PROGRESS AT 31 DECEMBER 1988

| | Contract Sum (\$) | Payments made in 31.12.88 (\$) | Anticipated completion date |
|--------------------------|-------------------------|---|-----------------------------------|
| New Stations | | | |
| Bingara | 152,214 | 95,740 | Apr 1989 |
| Berry | 179,587 | 120,790 | Feb 1989 |
| Paxton-Kearsley | 315,393 | 95,286 | Apr 1989 |
| Kempsey | 149,357 | 77,260 | Mar 1989 |
| Major Renovations | | | |
| Ashfield | 178,110 | 173,850 | Apr 1989 |
| Hornsby | 181,500 | 32,746 | Apr 1989 |
| The Rocks | 227,500 | 152,748 | Mar 1989 |
| Matraville | 214,130 | 73,217 | Mar 1989 |

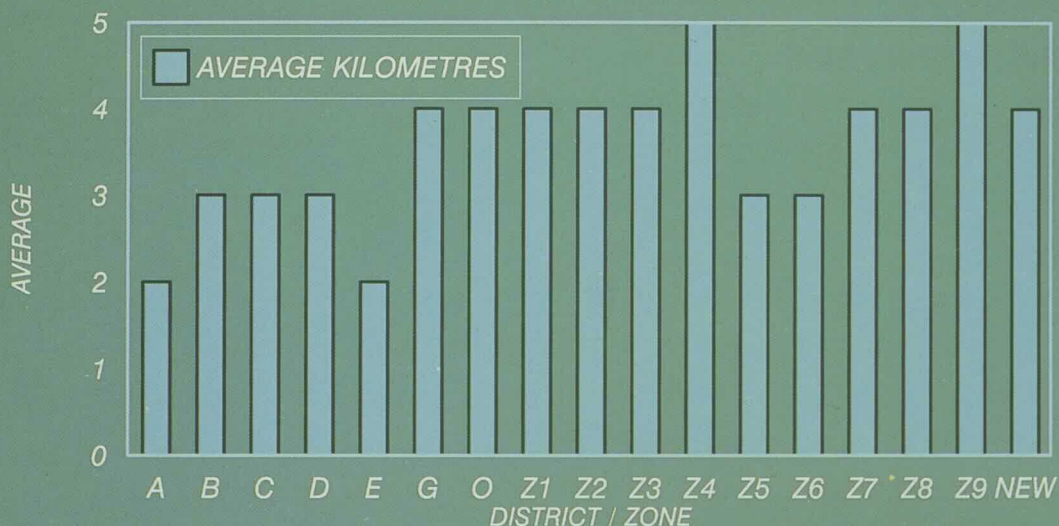
DISTRICT AND ZONE

BY TYPE OF INCIDENT 1988



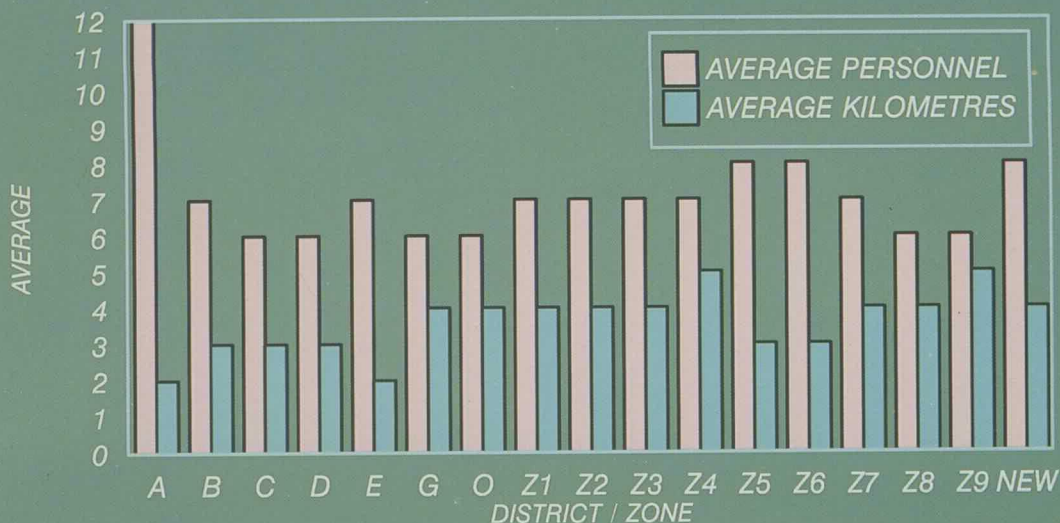
AVERAGE KILOMETRES

BY DISTRICT / ZONE 1988



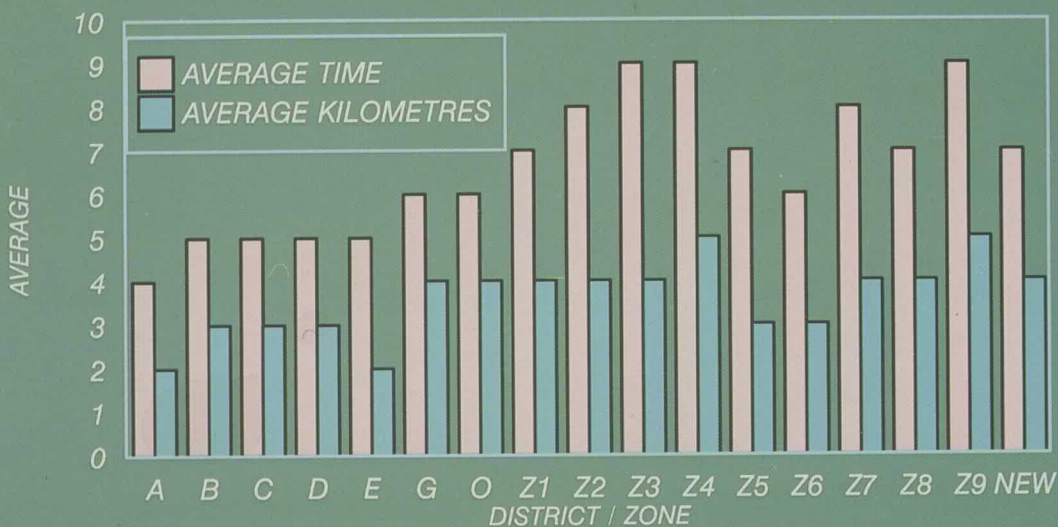
AVE. PERSONNEL / KILOMETRES

FOR ALL RESPONSES

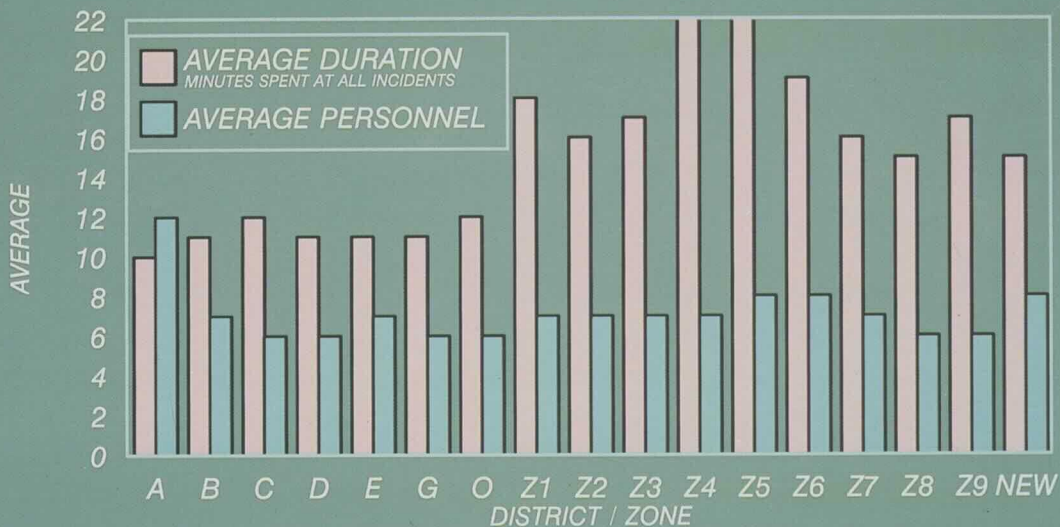


AVERAGE TIME / AVERAGE KILOMETRES

FOR ALL RESPONSES

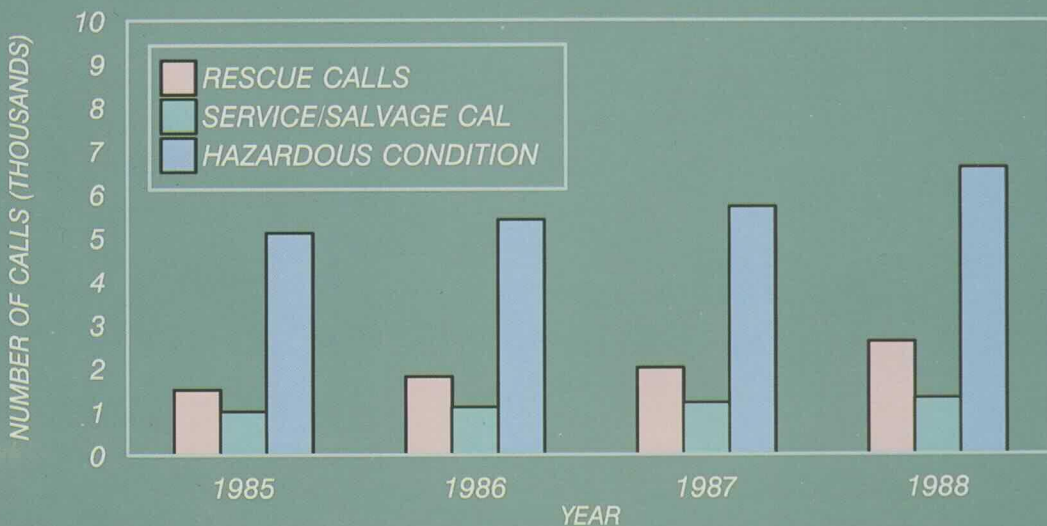


AVERAGE DURATION, AVERAGE PERSONNEL



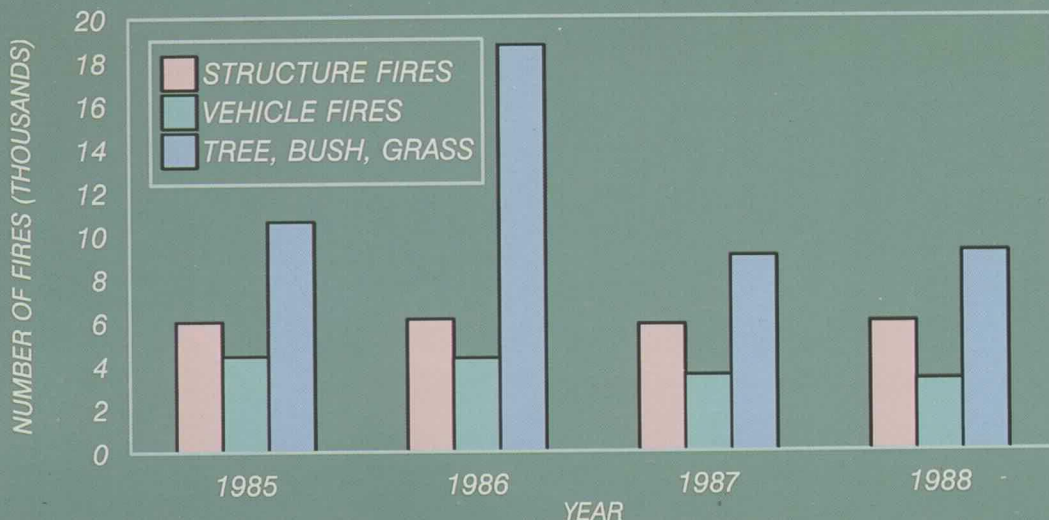
COMPARISON OF CALLS 1985 - 1988

RESCUE, SALVAGE AND HAZARDOUS CONDITION



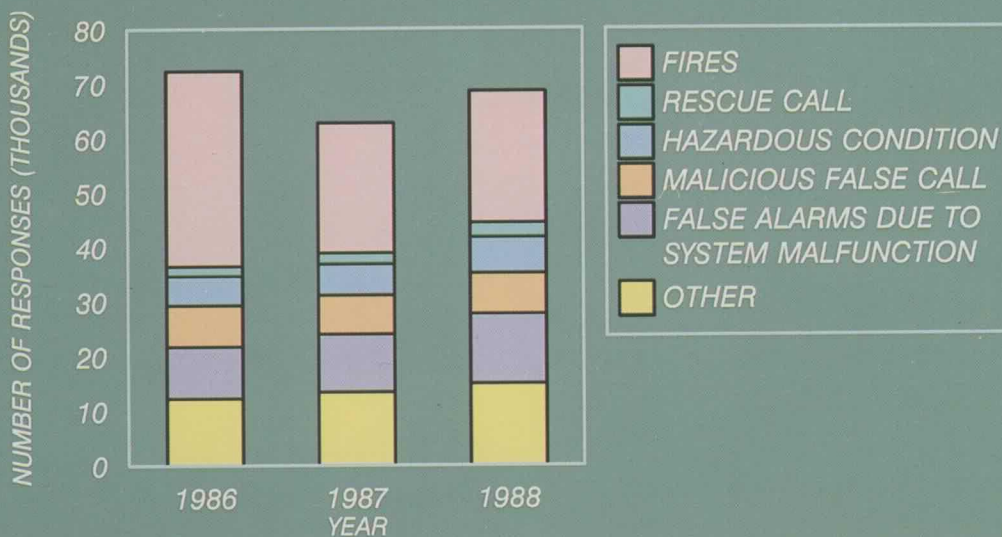
COMPARISON OF FIRES

1985 - 1988



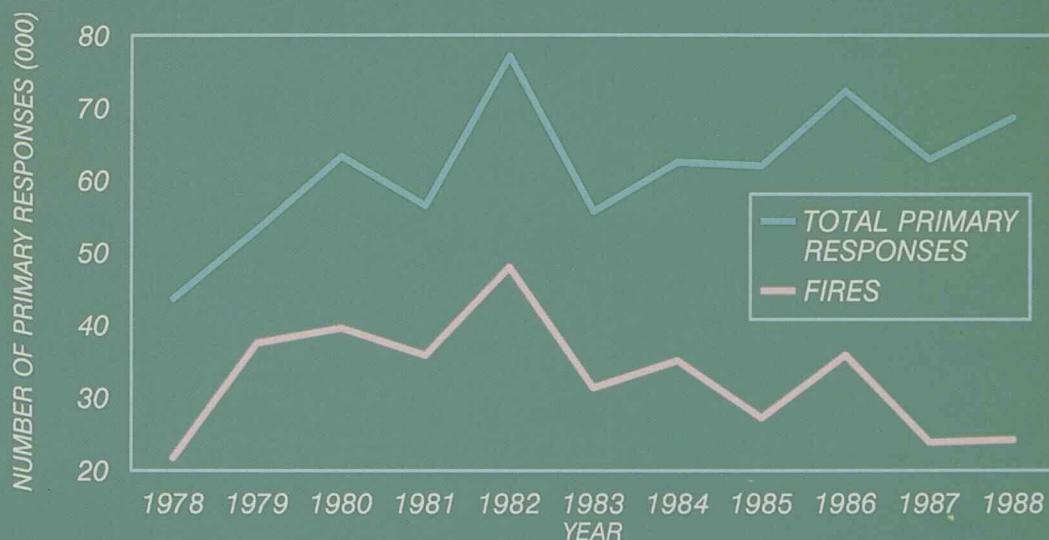
COMPARISON OF RESPONSES

1986 - 1988



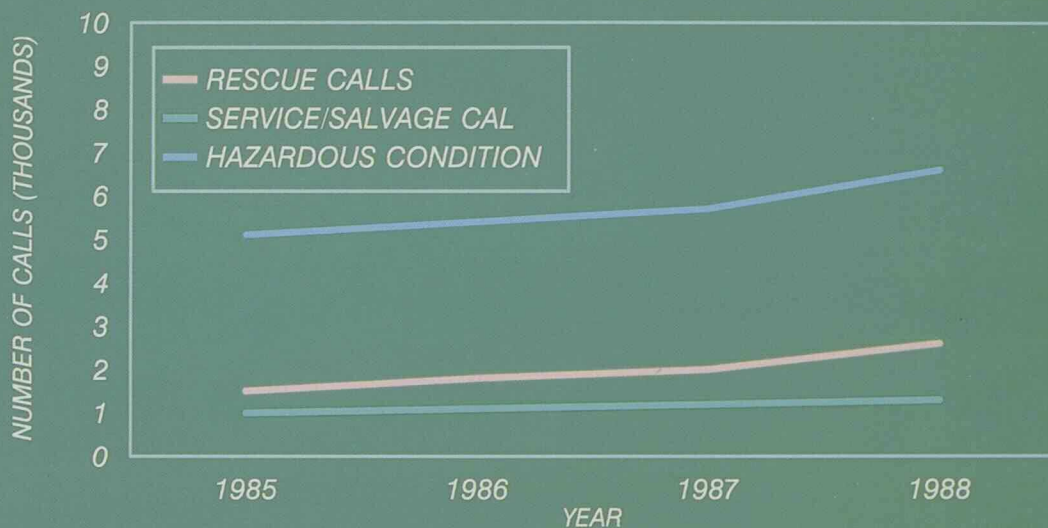
COMPARISON OF PRIMARY RESPONSES

1978 - 1988



COMPARISON OF CALLS 1985 - 1988

RESCUE, SALVAGE AND HAZARDOUS CONDITION



HUMAN RESOURCES

Personnel

Recruitment of Firefighters

Although almost 3000 people responded to the extensive advertising campaign and received comprehensive information, only 1336 people actually sat for the Entrance Examination. The examination was similar to that used in 1987 with the accent on seeking to determine an applicants' ability to learn rather than scholastic knowledge.

90 Probationary Firefighters commenced training during 1988. It is encouraging to note the positive feedback received on the suitability of the new recruits during their initial training. This has resulted from a combination of factors including the initial entrance examination, job related aptitude testing, selection interviews conducted by Brigade Officers and the checking of references.

This engenders confidence in the Board's ability to have the necessary skilled staff to meet the challenges into the next century.

Due to the large number of applicants and the high standards as shown in the tests it will not be necessary to initiate a recruitment campaign for 1989. The appropriate applicants have been informed that they will be considered for employment during 1989. It is anticipated that recruitment action will be necessary for 1990.

Height Requirements

Late in 1987 a working party was formed to review whether the minimum height requirements for both volunteer and permanent firefighters were adequate. This had been an on-going problem for some time with the inconsistency of Permanent Brigade members being of a minimum height of 168 cm whereas Volunteers had a minimum height of 162 cm. The working party also included Dr. Perce Russo, Health Science Consultant.

After determining a range of job related functions where height of the applicant would be a major factor, a series of tests was developed. These were administered to two large groups of subjects covering a wide range of heights and included both male and female participants.

Based on a report submitted for consideration to the Corporate Executive Group, the Board determined that the height requirements should be removed and replaced by a series of job-related tests. A number of applicants, including Volunteers, who had failed to pass the previous criteria, were advised of the Board's determination and invited to resubmit their application for consideration.

The intake of Probationary Firefighters on 21 October, 1988 included an ex-Volunteer Firefighter who had previously been unable to join the Permanent Brigade due to the height requirements. Other applicants affected including a female are still involved in the selection procedure.

Administrative Supply and Maintenance Staffing

As indicated in Table 5 there has been a change in emphasis on the numbers of staff employed in the various functions. The restructuring of Building Services resulted in 13 employees being retrenched as efforts to find alternative positions in other Government Departments were unsuccessful. This will also impact on Apprentice Training given by the Board as fewer career opportunities are available. However, Building Services apprentices who had not completed their Indentures, were able to be transferred.

Due to the need for greater financial control and management, a virtually new Finance Department was formed and additional staff recruited. This is reflected in the increased staff levels for the Financial function. There are also minor variations in other departments.

Workers Compensation

A decreasing number of claims and increasing premium charges from G.I.O highlighted a management need for greater emphasis in this area. The appointment of a Workers Compensation Administrator in the latter part of the year plus a change in the Board's Insurance Brokers has yielded positive results. The original premium charge of \$4.04m for the financial year 1987/88 has now been reduced to \$3.07m following intensive work and negotiation with the G.I.O. This close monitoring of claims and associated costs plus compliance with the new Act will be a major feature of the Board's approach to its responsibilities under the Act. This will be facilitated by the installation of a computer terminal within the Board linked to the G.I.O's mainframe computer and dealing solely with Claims Management.

Lectures continue to be given at the Training College to both District Officers and Station Officers on the important role they play in ensuring claims are processed in a correct manner as prescribed by the Act. Delays in forwarding of claims expose the Board to fines of \$5,000 on each occasion.

Several instances during the year concerning the predicament a Volunteer Firefighter faces with the present structure of the Act, resulted in a submission being made to the Workcover Review Committee convened by the Government. A review of the Act covering Bush Firefighters revealed additional benefits which are not applicable to Volunteer Firefighters although the situations are often similar. This was emphasised in the above submission.

Staff Development/E.E.O

After being vacant for over 18 months, the position has been filled and at the same time incorporates a Staff Development role. This recognises the concept that E.E.O is not a separate issue but rather an integral part of efficient management albeit requiring extensive staff development and training.

Over 50 staff indicated a need for training in report and letter writing. Training was conducted at Chullora with staff from the workshops and Aetna Tower. Further in-house workshops will be conducted based on analysis of staff needs for both their current position and their personal development.

The Board is also giving consideration to the introduction of a programme for Management Personal Growth. One of the basic premises of this programme is that individuals have the primary responsibility for their development and job satisfaction although the organisation provides encouragement and a supportive environment.

The Board continued to implement strategies in its E.E.O Management Plan during the year although the plans are currently being reviewed/revised to meet the current needs of the organisation.

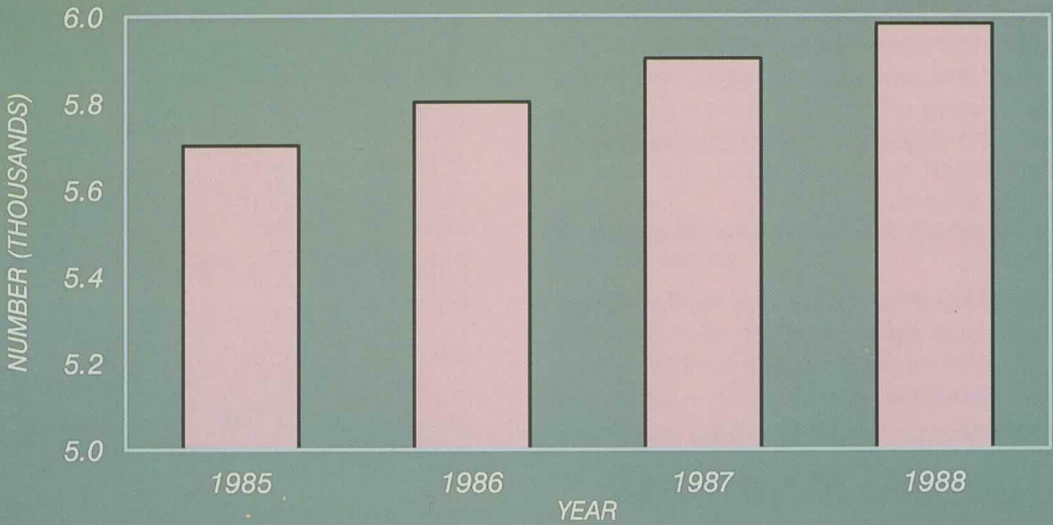
A total of 66 female applicants registered for the 1988 recruitment entrance examination to become firefighters. However, of the 66 females only 9 actually sat for the examination. A survey was conducted amongst those who did not attend and it is apparent that the height requirement was a major deterrent closely followed by the need for a high level of physical fitness.

Of the other applicants who sat for the examination, there were 11% more from a non-English speaking background than previously. This is similar to previous years despite extensive advertising in ethnic and community newspapers as well as throughout the C.E.S. The Board will continue to strive for a workforce composition representative of the community it serves.

The unit responded to a wide range of E.E.O enquiries and grievances providing assistance to a large number of employees. Participation in officer training courses will be a feature of 1989.

STAFFING 1985 - 1988

PERMANENT AND VOLUNTEERS



*Height requirements
for entry to the
fire service have
been removed*

Youth Employment

As part of the Board's on-going commitment to encouraging youth employment, three trainees were employed under the Government-sponsored Youth Traineeship Programme. Coupled with the trainees from the previous year, extensive training was provided and assistance given to the Board during the 'staff-freeze'. Several trainees have been placed in temporary positions such as replacements for staff on Maternity Leave.

Six new apprentices were engaged in 1988.

The Board provided one weeks work experience to a large number of school students as part of their school's work experience programme.

Industrial Relations

The conduct of matters in the area of employee relations lays with the Industrial Relations Section whose staffing was strengthened this year in recognition both of its role and of the approaching retirement of Mr. Ken Bowman, the Section's head since 1978.

State Wage Case

In February 1988 the Industrial Commission passed on the increase of \$6.00 per week awarded by the Australian Conciliation and Arbitration Commission from the same date and in similar terms to all Awards in New South Wales.

In line with wage increases generally being submitted in June 1988, the Fire Brigade Employees Union (F.B.E.U.) claimed 3% to apply from 1st July 1988 and a further 3% from 1st December 1988, to cover cost of living increases for the financial year ending June 1989. The claim was based on restructuring, work value, supplementary payments, anomalies and inequities as relevant to each Award.

The State Industrial Commission's September 1988 decision to grant a 3% increase not earlier than 1 September 1988 and a fur-

ther \$10 per week increase six months later, was conditional upon the Union's lodging written undertakings that they would co-operate in a review (to be monitored by the Commission) of the Award to give effect to the State Wage Case Principle relating to Structural Efficiency, such as establishing skill related career paths as an incentive, eliminating impediments to multi-skilling, creating appropriate relativities between different categories of workers within the Award at enterprise level and ensuring that working patterns and arrangements enhanced flexibility and the efficiency of the Industry.

These undertakings were duly submitted and the Commission granted the 3% increase to all staff to apply September 1988, and the further flat rate amount of \$10 per week to apply six months later.

Staffing Communications Facilities

This dispute resulted from a claim carried over from 1987 and included increasing staffing levels in a number of communications facilities throughout the State.

During the year the manning in Newcastle and Wollongong continued to be as recommended by the Conciliation Commissioner. Inspections under the Commissioner's direction were carried out at these two major control facilities and also at Katoomba, Central Coast and Lismore.

Final submissions were put to the Commissioner on 30th November 1988. At the conclusion of proceedings on that day the Commissioner reserved his decision.

Manning of Water Tankers

In 1987 the Board determined a policy on the role of water tankers in the New South Wales Fire Brigades which gave recognition to the variable nature of circumstances under which this specialist vehicle would need to be available for emergency response. The Chief Officer sought to discuss the method of implementation of the policy with the Fire Brigade Employees Union.

The Union directed its members not to co-operate with the Board and placed a

ban on senior officers consulting with the Chief Officer on the matter.

The Board thereafter proposed to discuss the introduction of an urban composite fire appliance. The F.B.E.U. although expressing willingness to discuss the proposed design of the composite appliance, indicated its intention to consult an engineering expert of its own choosing in South Australia. It is understood that no advice has been received from that firm.

Despite reminders the F.B.E.U. has continued to offer no comment on the proposed appliance.

On 14 October, 1988 the Board notified the Union that unless it gave a meaningful reply within seven days, the Board would proceed to call tenders for the appliance.

Tenders by way of expressions of interest were then sought for the design and supply of a prototype Urban Composite Appliance.

New Staffing Arrangements

The cost offsets agreed between the Union and the Board and ratified by the Industrial Commission as part of the State Wage Case Second Tier wage increase included a new relieving arrangement for firefighters and station officers.

In the case of firefighters, additional relievers were recruited, and the Sydney Fire District was divided into regions. The firefighters were appointed to regions either of their personal choice or in any event, as close to their place of residence as possible.

A new Award pay system was agreed, providing that the firefighter transferred within his region is paid a standard \$9.00 per shift allowance in compensation for fares and travelling.

The new system commenced operation in May 1988 and following a short period of settling in, when minor problems were resolved, the system can now be said to be working successfully.

The same cannot be said for new arrangements for station officers relieving. Despite conferences with the Union, the parties have failed to reach agreement, al-

though at the outset it had been envisaged that a scheme similar to the firefighters relieving could be put in place.

Following lengthy discussions with the Union, when very little progress seemed to be made, the Board filed for an Award in the Industrial Commission. The Union was served with the Affidavit prior to Christmas and the parties are to commence proceedings in the Commission by way of an appearance on 30 January 1989.

Building Maintenance Section — Restructuring

Following the Board's decision to restructure the Building Maintenance Section, it was necessary for the Employee Relations Section to negotiate the terms of redundancy with the Labor Council and the various building trade unions.

The Labor Council and the Trade Union Movement generally are opposed to the application of redundancy among their members. However, the negotiations were successfully concluded along Government guidelines.

Review of Payroll Costs

During the year a working party was appointed by the Board to review payroll costs of the Board's permanent Brigades. It's terms of Reference were:

Investigate working/employment conditions, manpower management practices and general work practices within the permanent Fire Brigade with particular focus on the overtime and leave analysis covering the financial year ended 30 June 1988, and make recommendations to the Board as appear appropriate to more effectively and efficiently employ the Board's permanent firefighter manpower resource.

The Working Party met on six occasions during 1988 and developed a number of strategies that were subsequently adopted by the Board and which are currently the subject of negotiations with the N.S.W. Fire Brigade Employees Union.

The Board sees as its responsibility to ensure the most effective use is made of its resources, particularly at a time when demands for fire protection in developing areas of the State are emerging. The Board is anxious to introduce resources to these areas, and this has been paramount in its consideration of the Working Party's report.



A derelict vehicle obtained for research & training purposes is set alight

Staff Training and Development for Firefighters

The Staff Training and Development Division based at the Brigade Training College, Alexandria, is responsible for training Brigade members to carry out safely and efficiently firefighting and rescue duties, and for devising and delivering courses to prepare officers for their management and command roles.

The Division is headed by a Superintendent, and comprises a staff of 38. Their responsibilities cover the full career of firefighters from induction through to preparation for officer rank, and geographically include the metropolitan permanent firefighters and also volunteer firefighters at their stations throughout the State.

1988 Achievements

- Prepared probationary firefighters for operational duties through an eighteen week training programme. Fifty-five firefighters who had commenced their training in 1987 successfully completed the programme and were appointed to fire stations early in 1988. Sixty-nine entered and completed the course in 1988. A further 30 commenced training late in 1988 and are expected to enter the operational force early in 1989.
- Provided tutorial classes to assist 824 firefighters preparing themselves for examinations for progression to higher ranks.
- Conducted Officer Development Courses to prepare 150 Station Officers for their management role.
- Provided two-week courses in management to 31 personnel at District Officer level.
- Updated syllabi to incorporate new material.
- Administered written examinations to 124 Probationary Firefighters; to 92 candidates for the rank of Senior Firefighter; to 48 candidates for Station Officer and 15 candidates for the rank of District Officer.
- Conducted 468 oral examinations to qualify firefighters to pass through ranks from 4th Class to 1st Class.
- Provided reference material including the training manual for water tanker operations; sections of the 2nd volume of the instruction manual; new sections of Standard Operational Procedures; and updates for Standing Orders.
- Maintained a training resource collection for the use of Training Officers. Produced 15 new videos and films to add to the collection.
- Introduced the Metropolitan Training and Education Programme, under which four Senior Training Officers each visited 20 stations in the Sydney area, to provide training in firefighting

and rescue, hazardous materials operations, cordage, resuscitation, and pump operation.

- Maintained competence in rescue techniques by providing classes to 65 firefighters, and also delivering Rescue Instructors' Courses to six officers with a view to preparing them as trainers. Maintained rescue equipment in functional condition State-wide.
- Introduced the use of cordage to 105 Probationary Firefighters. Cordage techniques also formed part of Officer Development Courses.
- Regional Training Officers visited all country stations and conducted programmes in current basic firefighting and rescue procedures, and increased by a third the time devoted to containment and control of hazardous chemical incidents.
- Qualified 145 firefighters by examination as drivers/pump operators and a further 64 as aerial appliance operators.
- Almost half of the Board's Volunteer Firefighters received a wider variety of training than is available at their stations. 182 attended weekend Practical Firefighting Courses at the Training College at Alexandria. Zone Schools in Station and Fireground Management were held in nine country centres, and attended by 129 Volunteer Officers, and in conjunction with these, 155 Volunteer Firefighters received driver/pump operator training. 750 attended one of a series of weekend "schools" in theory of practical skills in fire brigade operations.

Occupational Health Service

Rehabilitation of the injured or seriously ill firefighter became the responsibility of the Board's Occupational Health Service in 1988.

This major expansion of its traditional role (which has always emphasized the pre-

vention of illness and injury) followed the passage of new Workers' Compensation legislation in N.S.W.

It will mean that, for the first time ever, the Service will operate five days a week, instead of part-time.

Much of the past year was spent planning a comprehensive rehabilitation program so that, hopefully early in 1989, the Board could become accredited as a rehabilitation "provider".

The new program, when implemented, will reflect the Board's rehabilitation policy — in essence, that rehabilitation is best achieved by returning the injured (or ill) worker to work as soon as possible.

Computerisation is expected to greatly assist this aim — by allowing an incident in which a firefighter is injured to be reported without delay.

Ethnic Affairs Policy Statement (EAPS)

Due to the freeze on replacing staff in public authorities, positions of key importance to the implementation of the EAPS were vacant for long periods in 1988. This hindered progress on a number of EAPS strategies. However, positive developments continued to be recorded on strategies already set in motion.

The segment included in the probationary firefighters' training syllabus during 1987 to promote sensitivity towards the multicultural nature of the community produced encouraging results and prompted the inclusion of a similar component in officer training courses.

Work has been done on establishing a register of firefighters with other language skills to allow the Brigade easier access and more effective interaction with the community.

The puppet "Inspector Cinders" brought information to school children of all ethnic backgrounds on fire dangers, fire prevention and fire safety issues.



Firefighters battle to contain damage to a church ablaze in Sydney

A good response was again recorded to the joint emergency services display at Carnivale 1988, where a multilingual brochure on how to use the 000 emergency telephone numbers was distributed.

Brigade and support staff are conscious of the Board's responsibility to the multicultural community. To date multiculturalism has not posed problems to the Brigade in dealing with fires or providing other Fire Brigade services.

General —

Consultants

With a relatively small support staff, the Board has had occasion to engage consultants to provide essential expertise for a number of projects in 1988.

Internal Audit

The Internal Audit Bureau of the N.S.W. Treasury conducted audits into a number of areas of the Board's activities.

Records Management

The Board has continued to use the services of a consultant archivist to list and establish retention periods for its records and archives, in liaison with the Archives Authority of N.S.W.

Computer Services

The development of financial management control and management information systems has continued on a consultancy basis.

Communications

On advice from Telecom Australia, the Board engaged consultants to survey its existing communication systems, and advise on future needs. The consultancy is scheduled for final reports in 1989.

Overseas Visits

There were no overseas visits by representatives of the Board during the period.

N.S.W. Fire Brigades Band

Objectives

The primary objectives of the Band are to:

- * Provide worthwhile public relations support to the N.S.W. Fire Brigades
- * Promote fire prevention and the saving of life and property in conjunction with the Fire Service
- * Entertain the public with the express purpose of promoting the presence of the Fire Service
- * Provide suitable music for Fire Brigade parades, marches and concerts

Finance

The Board has separated the operations of the Band from the N.S.W. Fire Brigades.

Activities

The Band during 1988 performed at:

72 Concerts
32 Marches
3 Balls
22 Rehearsals
28 Other

Total: 157



*Children silhouetted
against a receding
bushfire*

Museum of Fire

The Museum of Fire is an independent non-profit association. The Board provides financial assistance towards Museum costs and the employment of an Education Officer and is represented on the Museum's Board of Directors. A theatrette has been constructed within the Museum to provide facilities for group education. During 1988, the Board's vintage vehicles from the Museum of Fire attended 14 parades and 38 static displays to promote fire safety, fire protection and fire prevention through the display of interesting and historical equipment.

Bush Fire Council

Co-operation continues between the N.S.W. Fire Brigades and the Bush Fire Council of N.S.W. in practical firefighting, training and cross-representation on planning committees.

The President and Chief Officer represent the Board on the Bush Fire Council, while the President is a member of the Co-ordinating Committee of the Council. The Council is an active forum and addresses matters of common interest and concern to the bush fire movement and the Board.

Australian Assembly of Fire Authorities

The board has continued its participation in the Australian Assembly of Fire Authorities.

The assembly enables senior executives of member authorities to exchange information and discuss matters of mutual concern and interest. When necessary, sub-committees or working parties are formed to investigate defined areas and report back to Assembly meetings.



*Firefighters arrive to
a vehicle well alight
on a main Sydney road*

Archives

With a history dating from 1884, the Board possesses an abundance of records and archival material. In order to manage these effectively and in compliance with the Archives Act, the Board has in recent years retained the services of a records management consultant. Through the consultant, the Board liaises with the Archives Authority of N.S.W. and transfers those records deemed appropriate for permanent preservation in the State archive. The consultant documents and indexes those records the Board desires to retain in its own archive.

1988 Achievements

- * Fire Records Books were called in from country and metropolitan stations and placed in the Board's archives.
- * Occurrence Books were catalogued and prepared for permanent display at the Museum of Fire.

Legislative Changes

The Fire Brigades Act was amended in 1988 to improve the method by which contributions by local government authorities towards the cost of the Board's operation are calculated within the Fire Districts which fall within more than one local government authority. The amendment was directed at reducing inequalities in apportioning the fire levy between municipalities.

A further important amendment was the removal of the previous restrictions on the Board to the charging of fees for services rendered. The amendment has enabled regulations to be made to prescribe the services for which a fee may be charged, and the extent of the fee. In this way the Board will become more commercial in its approach. The provisions are not designed to enable the Board to charge fees for responding to fires.

Another amendment was that the position of Deputy President of the Board revert to that of a part-time member.

Other provisions of a minor nature were incorporated. One clarified who is the responsible officer of the Brigade on a fire ground. Up to this point the Act had provided that the most senior officer on a fireground was responsible for the direction of the brigades. On many occasions senior officers might be present at an incident which was being directed by a junior officer, in a situation where it was considered that authority should not pass to the more senior person who was present only for the purpose of providing specialist support i.e. fire investigation, or breathing apparatus provision. Because of their rank, under the previous provisions of the Act, such senior officers were notionally responsible for the control and direction of the incident. The amendment removed the automatic assumption of responsibility of the senior officer for the operation on arrival at the fireground.

The amendments received the Governor's assent and, with the exception of the amendment with relation to regulations for

recovery of fees, came into application on 16 December 1988. It is envisaged that the amendments enabling the recovery of fees will be brought into effect when appropriate regulations have been drafted.



Bushfire haze

Finance

Disclosure of Superannuation and other Deferred Employer Entitlements.

In line with the Board's policy of preparing its accounts on a full accrual accounting basis, the financial statements have included for the first time the total liability in respect of unfunded employee leave entitlements and deferred superannuation costs of \$220.8 million. The Fire Brigades Act, 1909 does not allow Statutory Contributions Income to be set at a level which would provide for the funding of long term liabilities, except in respect of the repayment of loans. The Act provides for all expenditures to be met on an emerging basis.

The question of the policy for funding these deferred liabilities is one for Government consideration. In the meantime, superannuation and employee leave expenses will continue to be met on an emerging cost basis in accordance with the Act. The budget for 1989 includes an amount of \$3 million to meet the cost of commuted superannuation entitlements anticipated to arise in 1989.

Operating Result

The Board's financial operating performance for 1988 resulted in an improved position from the budget forecast in the 1987 Annual Report. The operating deficit for the year before Abnormal Items was \$338,000, \$3.1m up on the initial estimate of a deficit for 1988 of \$3.4m.

The total revenue of the Board was \$152.4m, an increase of \$17.9m or 13.3% on 1987. This redresses inadequate income levels for 1986 and 1987, when operating deficits totalling \$12.6m were incurred. The improvement in Other Income was largely due to an increase in the proceeds from disposal of assets of \$1.9m which included sales of surplus properties of \$1.7m.

An amount of \$1.5m was received from the Commonwealth Government as its contribution to the fire protection provided for Commonwealth property.

Major operating expenditure items for the year were Staff Employment & Associated Costs \$101m, Provisions for Superannuation and Employee leave entitlements \$23.1m and Equipment Costs \$7.8m.

Performance in Brief

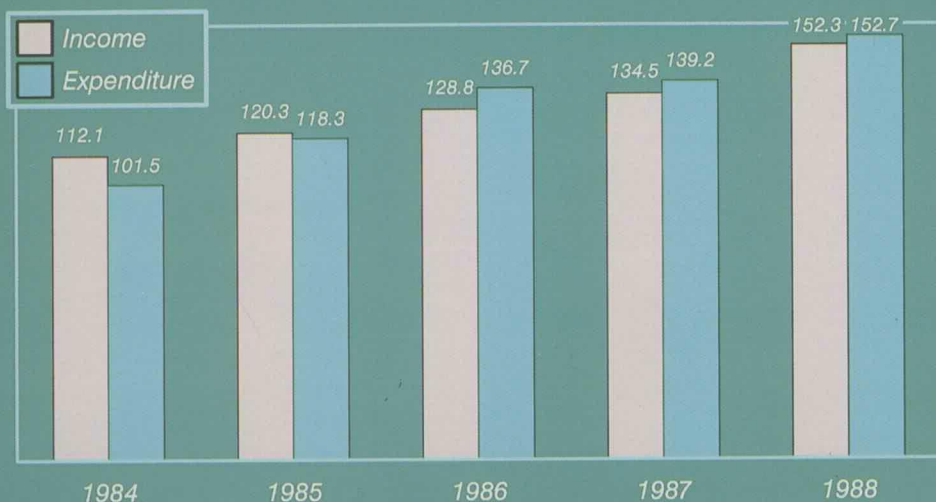
| | 1986 | 1987 | 1988 | Change from Previous Year | 1989 Budget |
|-----------------------------|-------|--------|---------|------------------------------------|----------------|
| | \$M | \$M | \$M | % | \$M |
| Statutory Contributions | 122.4 | 129.8 | 144.6 | 11.4 | 158.5 |
| Other Income | 6.4 | 4.7 | 7.8 | 66.0 | 6.6 |
| Total Income | 128.8 | 134.5 | 152.4 | 13.3 | 165.1 |
| Operating Expenditure | 136.7 | 139.2* | 152.7*o | 9.7 | 185.4 + |
| Operating Surplus (Deficit) | (7.9) | (4.7) | (0.3) | 93.6 | (20.3) |
| Abnormal Items | (0.7) | 0.3 | 20.8 | | |
| Capital Expenditure | 8.2 | 5.8 | 5.5 | (5.2) | 11.1 |
| Total Assets | 73.6 | 71.3 | 78.7 | 10.4 | 90.0 |

* In accordance with AAS15 the gross proceeds from sale of fixed assets are shown separately from their written down values in the Income and Expenditure Statement

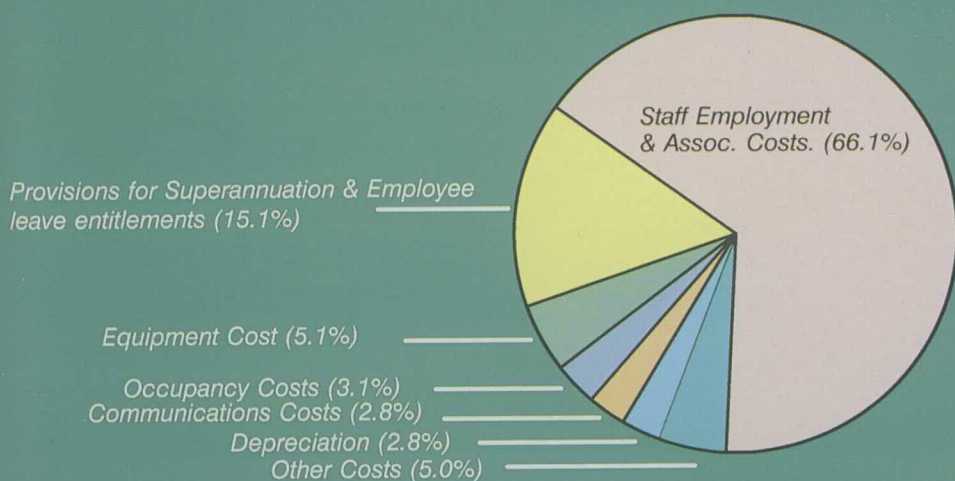
+ Includes a provision of \$21.0m for deferred superannuation & employee leave entitlements.

o Includes staff employment costs amounting to \$1.4m in respect of 1987.

FIVE YEAR COMPARISON OF OPERATING INCOME & EXPENDITURE 1984 - 1988



MAJOR OPERATING EXPENDITURE ITEMS 1988 TOTAL: \$152.7M



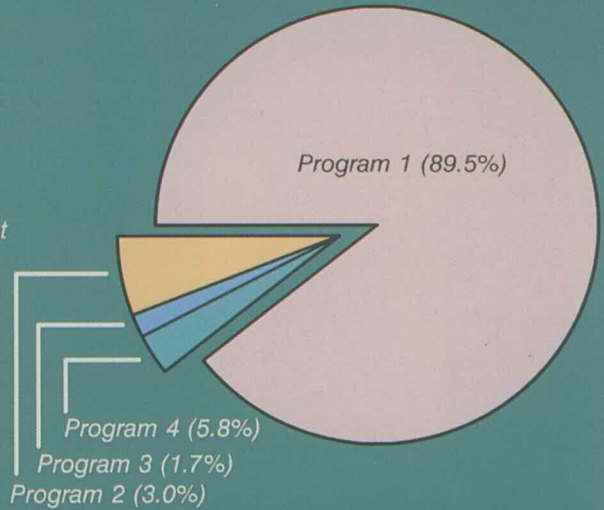
PROGRAM ACCOUNTING EXPENDITURE 1988 TOTAL: \$152.7M

PROGRAM 1: Operation and Maintenance of
Brigade and Special Services

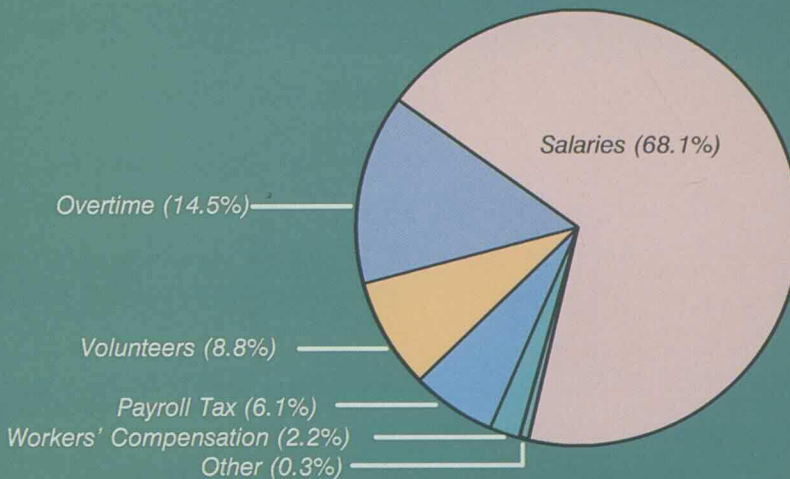
PROGRAM 2: Brigade Training and Development

PROGRAM 3: Investigations, Research and
Advisory Services

PROGRAM 4: Management and Administration



STAFF EMPLOYMENT AND ASSOCIATED COSTS



Cashflow

At the end of 1986, the Board was confronted with an operating deficit of \$7.9m and the virtual certainty that the result for 1987 would be a further deficit of approximately \$5.0m. Faced with these difficulties the Board consulted with the NSW Government and was assisted in the form of working capital loans to meet any short term cash deficiencies.

Through improved operational efficiency and strategies to increase revenue, the Board has improved its cashflow.

The Cashflow graph indicates that the working cash balance has been improving since 1987 and is expected to improve further in 1989. Indeed, from June 1988 the Board has not required loans for working capital from the NSW Government to meet cash deficiencies.

Capital Expenditure

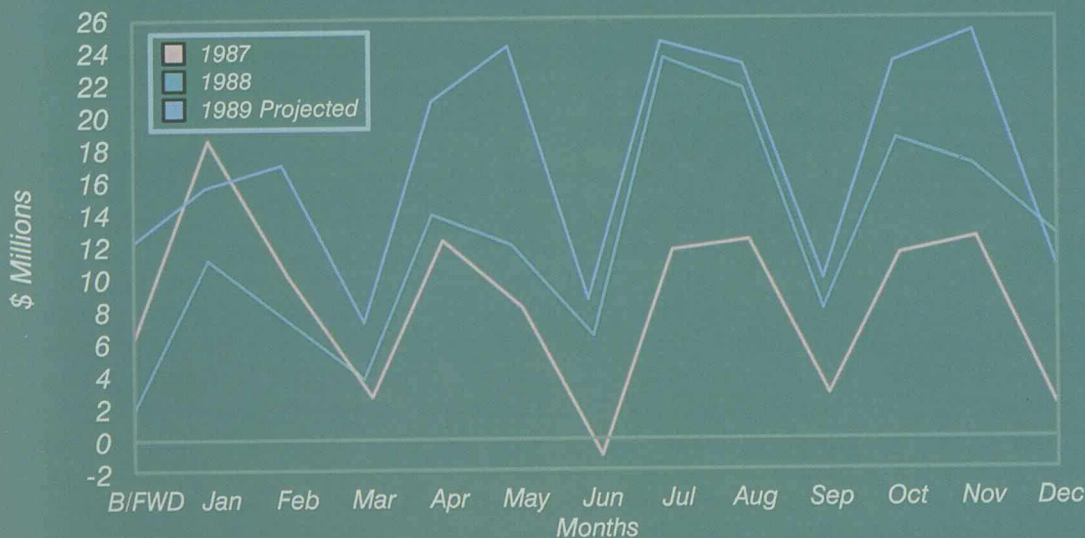
Capital Expenditure during the year on non current assets was \$5.5m (5.8m in 1987). This expenditure was incurred mainly in the construction of new fire stations

and major renovations to existing fire stations \$2.3m, the purchase of fire appliances and other motor vehicles and equipment \$3.0m and the ongoing development costs of the Board's Computer Facilities \$0.2m.

From 1 July 1987, the Board's Capital Works Program is being funded from loans provided by the N.S.W. Government from the Government's Capital Works Loan Program. Capital Works loan expenditures of \$7.9m have been approved for the year ending 30 June 1989.

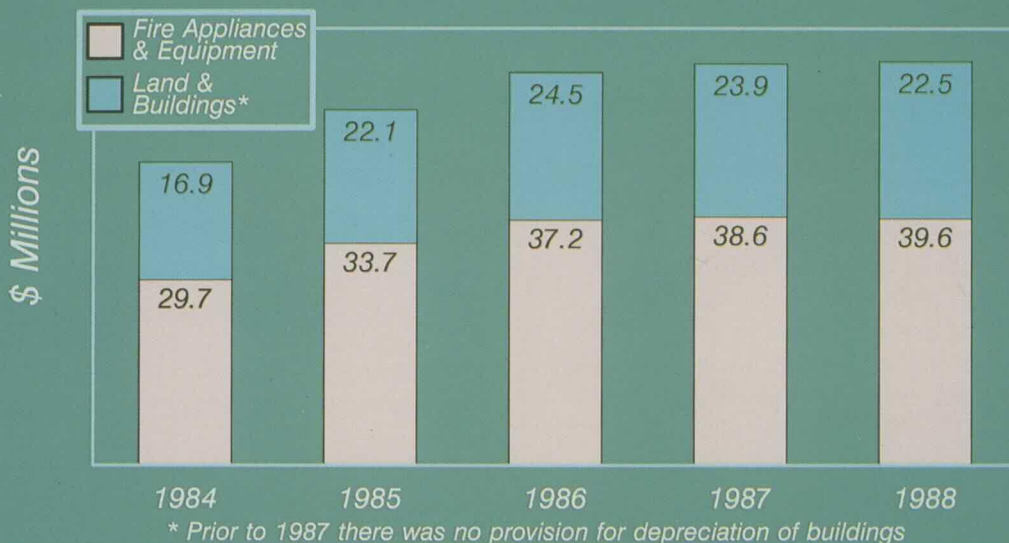
The Board has been concerned for some time that current levels of funding for building works, fire appliances and equipment are insufficient to maintain a first class firefighting service. Limited funding is forcing the Board to defer certain needed capital works and fire appliance acquisition well into the 1990s. A significant improvement in the Board's capital funding base is required if this trend is to be reversed. The Board is pursuing various options to increase its capital funds including a rationalisation of property holdings.

CASHFLOW



1987 and 1988 have been discounted by the value of working capital loans received during the period

FIVE YEAR COMPARISON OF FIXED ASSETS 1984 - 1988



Statutory Contributions

In accordance with the provisions of Section 34(2) (b) of the Fire Brigades Act, 1909, a total of 75% of the Annual Estimates of Expenditure is contributed to the Board by insurance companies transacting business in New South Wales and "owners", as defined by the Act, who insure with companies not registered in this State. Table 3 lists insurance companies and owners who contribute to the Board. In 1988, the statutory contributions paid by insurance companies and owners totalled \$108.46m or 71.2% of the total revenue of the Board for the year.

Contributions of \$108.46 million paid by insurance companies and owners were 28.0% of assessable premiums received by those companies in 1987. Under 36A (1) of the Act, an annual assessment is made of the contributions payable by insurance companies and owners for the preceding year based on premiums received during that year. Following this assessment process, contributions for 1987 were 21.8% of premiums received during that year.

Section 34(2) (a) of the Act requires Municipalities of Shires or parts thereof which comprise a fire district to contribute one eighth of the cost of maintaining that fire district. Where a fire district is comprised of two or more municipalities or shires, s. 35(1) requires the local government contributions payable in respect of that fire district to be apportioned on the basis of the land value of ratable land in the municipality or shire which is included in the fire district. As local government authorities' land revaluations are conducted on an irregular basis, this means that some councils are confronted with a considerable increase in their contribution to the Board consequent upon the revaluation. To reduce the level of fluctuation a system has been introduced whereby the Valuer General furnishes the Board with annual estimates of the aggregated land value of ratable land. Amendments to the Fire Brigades Act were enacted in late 1988 to facilitate the new method of apportioning Fire District costs.

For 1988 Local Government bodies contributed \$18.06m or 11.86% of the total income of the Board, as detailed in Table 2.

The Sydney Fire District is made up of the whole or part of thirty-five municipalities and shires. In 1988 the Councils of these municipalities and shires contributed a total of \$13.88m for the provision and maintenance of the fire services.

These contributions represented .000256 cents in the dollar of ratable property, a figure well under the statutory limit of 0.125 cents in the dollar of the land value of ratable land.

One hundred and twenty-eight Municipal and Shire Councils contributed a total of \$4.18m in respect of the other 187 Fire Districts. Estimates of expenditure for 1988 pursuant to Section 34(1) of the Act are detailed in Table 1.

The N.S.W. Government contributed \$18.06m which represented 11.86% of the total income of the Board.

BOARD OF FIRE COMMISSIONERS OF NEW SOUTH WALES

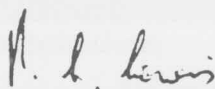
Year Ended 31 December 1988

Statement by Members of the Board

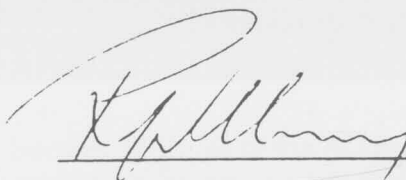
Pursuant to Section 41B(1) (f) of the Public Finance and Audit Act 1983, and in accordance with a resolution of the members of the Board of Fire Commissioners of New South Wales, we declare on behalf of the Board that in our opinion:

1. The accompanying financial statements exhibit a true and fair view of the financial position of the Board of Fire Commissioners of New South Wales as at 31 December 1988 and transactions for the year then ended.
2. The statements have been prepared in accordance with the provisions of the Public Finance and Audit Act 1983, the Public Finance and Audit (Statutory Bodies) Regulation 1985, and the Treasurer's Directions.

Further, we are not aware of any circumstances which would render any particulars included in the financial statements to be misleading or inaccurate.



Commissioner



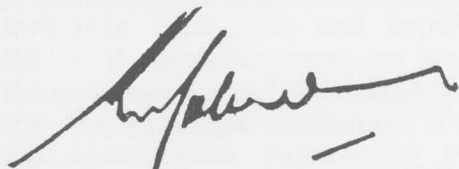
Commissioner

Date: 8 February, 1989.

AUDITOR-GENERAL'S CERTIFICATE

The accounts of the Board of Fire Commissioners of New South Wales for the year ended 31 December, 1988 have been audited in accordance with Section 34 of the Public Finance and Audit Act 1983.

In my opinion, the accompanying balance sheet, income and expenditure and funds statements, read in conjunction with the notes thereto, comply with Section 41B of the Act and exhibit a true and fair view of the financial position at 31 December, 1988 and transactions for the year then ended.



K.J. ROBSON FASA CPA
AUDITOR-GENERAL OF NEW SOUTH WALES

SYDNEY
19 APRIL 1988

Balance Sheet as at 31 December 1988

| 1987 \$'000 | | NOTE | 1988 \$'000 |
|--------------------------------------|--------------------------------------|------|------------------|
| CURRENT ASSETS | | | |
| 3,295 | Cash and Deposits | 12 | 11,092 |
| 1,865 | Accounts Receivable | 13 | 1,452 |
| 271 | Other Receivables | 14 | 411 |
| 2,399 | Stores | 15 | 2,013 |
| 946 | Prepayments | | 1,337 |
| 55 | Contributions Outstanding | 16 | 262 |
| 8,831 | TOTAL CURRENT ASSETS | | <u>16,567</u> |
| NON-CURRENT ASSETS | | | |
| 62,518 | Property, Plant and Equipment | 17 | <u>62,119</u> |
| 62,518 | TOTAL NON-CURRENT ASSETS | | <u>62,119</u> |
| 71,349 | TOTAL ASSETS | | <u>78,686</u> |
| CURRENT LIABILITIES | | | |
| 13,206 | Accounts Payable | 18 | 13,948 |
| 4,322 | Loans and Advances | 19 | 701 |
| — | Provisions: | | |
| — | Employee Leave Entitlements | 9 | 3,000 |
| — | Superannuation Liability | 9 | 11,000 |
| 3,121 | Contributions in advance | 20 | <u>9,965</u> |
| 20,649 | TOTAL CURRENT LIABILITIES | | <u>38,614</u> |
| NON-CURRENT LIABILITIES | | | |
| 5,124 | Long Term Loans | 19 | 9,212 |
| — | Provisions: | | |
| — | Employee Leave Entitlements | 9 | 28,871 |
| — | Superannuation Liability | 9 | <u>177,956</u> |
| 5,124 | TOTAL NON-CURRENT LIABILITIES | | <u>216,039</u> |
| 25,773 | TOTAL LIABILITIES | | <u>254,653</u> |
| 45,576 | NET ASSETS (LIABILITIES) | | <u>(175,967)</u> |
| CAPITAL AND RETAINED EARNINGS | | | |
| 44,986 | Accumulated Fund (Deficit) | | (178,206) |
| 590 | Deferred Income | 21 | 655 |
| — | Reserve for Loan Repayment | 11 | <u>1,584</u> |
| 45,576 | | | <u>(175,967)</u> |

Income and Expenditure Statement for year ended 31 December 1988

| 1987 \$'000 | | NOTE | 1988 \$'000 |
|--------------------|--|------|----------------|
| INCOME | | | |
| | Statutory Contributions | 2 | |
| 97,369 | Insurance Companies and Owners | | 108,458 |
| 16,270 | N.S.W. Government | | 18,063 |
| 16,200 | Local Government | | 18,063 |
| 129,839 | | | 144,584 |
| 1,099 | Commonwealth Government Contribution | 3 | 1,449 |
| 1,504 | Investment Income | 4 | 1,990 |
| 770 | Proceeds from disposal of Assets | 5 | 2,692 |
| 1,307 | Other Income | 6 | 1,645 |
| 134,519 | | | 152,360 |
| EXPENDITURE | | | |
| 126,742 | Operation & Maintenance of Brigades & Special Services | 7 | 136,624 |
| 3,736 | Brigade Training & Development | 7 | 4,546 |
| 2,027 | Investigations, Research & Advisory Services | 7 | 2,568 |
| 6,727 | Management and Administration | 7 | 8,960 |
| 139,232 | | | 152,698 |
| 4,713 | Deficiency for the year before abnormal items | | 338 |
| 323 | Abnormal items | 10 | 20,801 |
| 5,036 | Deficiency for the year after abnormal items | | 21,139 |
| 50,022 | ACCUMULATED FUNDS-OPENING BALANCE | | 44,986 |
| 44,986 | Total available for appropriation | | 23,847 |
| — | Less: Prior period adjustments | 9.5 | 200,469 |
| — | Transfer to Loan Repayment Reserve | 11 | 1,584 |
| 44,986 | ACCUMULATED FUNDS CLOSING BALANCE | | (178,206) |

Source Application of Funds Statement for year ended 31 December 1988

| 1987 \$'000 | | NOTE | 1988 \$'000 |
|-----------------------------|-----------------------------------|------|----------------|
| SOURCE OF FUNDS | | | |
| | Funds Flow from Operations | | |
| — | Operating Funds — Inflow | | 152,273 |
| — | — Outflow | | 148,281 |
| — | | 27 | 3,992 |
| | Reduction in Assets | | |
| | Current Assets | | |
| 2,853 | Cash and Deposits | | — |
| 370 | Stores | | 386 |
| 271 | Contributions outstanding | | — |
| — | Accounts Receivable | | 363 |
| 924 | Prepayments | | — |
| | Increase in Liabilities | | |
| | Current Liabilities | | |
| 1,722 | Accounts Payable | | 742 |
| — | Contributions in Advance | | 6,844 |
| 3,000 | Treasury Advance | | — |
| | Non Current Liabilities | | |
| 2,400 | Loans Raised | | 4,788 |
| 590 | Deferred Income | | 65 |
| 12,130 | | | 17,180 |
| APPLICATION OF FUNDS | | | |
| | Funds Flow from Operations | | |
| 134,519 | Operating Funds — Inflow | | — |
| 135,119 | — Outflow | | — |
| 600 | | | — |
| | Increase in Assets | | |
| | Current Assets | | |
| — | Cash and Deposits | | 7,797 |
| 1,288 | Accounts Receivable | | — |
| — | Other Receivables | | 140 |
| — | Contributions outstanding | | 207 |
| — | Prepayments | | 391 |
| | Non Current Assets | | |
| 5,259 | Property, Plant & Equipment | | 4,324 |
| | Reduction in Liabilities | | |
| | Current Liabilities | | |
| 4,080 | Contributions in Advance | | — |
| — | Treasury Advance | | 3,000 |
| | Non Current Liabilities | | |
| 903 | Loans repaid | | 1,321 |
| 12,130 | | | 17,180 |

Notes to and forming part of the Financial Statements for the year ended 31 December, 1988

1. Statement of Accounting Policies

1.1 Basis of Accounting

These financial statements have been prepared on a full accrual accounting basis, according to the historical cost convention and in conformity with Australian Accounting Standards. They do not purport to reflect changing money values or the current value of non-current assets.

The statements are also in accord with the Board's governing legislation, the Public Finance and Audit Act, 1983, and regulations issued thereunder.

Corresponding figures for 1987 have been altered where possible to reflect the changes in presentation.

1.2 Changes in Accounting Policies

- Disclosure of Superannuation and other Deferred Employee Entitlements
In the preparation of these financial statements the Board has included for the first time the total liability arising in the year in respect of employee leave entitlements and deferred superannuation. (Refer Notes 8, 9.3, 9.4, 9.5).
In view of the magnitude of these liabilities the liability arising in the year (excluding payments) has been treated as an abnormal item whilst the unprovided liability in respect of previous years has been brought to account as a prior period adjustment in accordance with Australian Accounting Standard AAS1. (Refer Notes 9.5 & 10)
Exemptions were sought and obtained from inclusion in the financial statements for 1987 of the liabilities arising in that year in respect of employee leave entitlements and superannuation.
- Employee Leave Entitlements (Refer Note 9.3)
The Board has established its accrued liability in respect of long service leave, annual leave and other Brigade leave entitlements accumulated by employees to 31 December, 1988 and the full amount of this liability is included in these accounts.
- Employees' Superannuation Benefits (Refer Note 9.4)
The Board has estimated its deferred superannuation liability on the basis of advice received from the Government Actuary and the full amount of this liability is included in these accounts.
- Balance Sheet Presentation
The form of presentation of the balance sheet has been changed to follow as closely as possible that currently provided for companies in terms of Schedule 7 of the Companies Code.
- Sale of Assets
In accordance with Australian Accounting Standard AAS15 the gross proceeds from the Sales of Assets are shown separately from their written down values in the Income and Expenditure Statement.
- Depreciation
During the year depreciation rates applicable to Motor Vehicles were reviewed having regard to the expected proceeds on disposal.
As a result of this review the annual depreciation rate on such assets has been reduced from 7.5% to 4.0%. (Refer Note 1.3)
- Stores
Stocktake procedures have been changed from those previously applied and stocks of forms and stationery have been excluded from the value of stores reported as at 31 December, 1988. (Refer Note 15)
- Loan Repayment Reserve
Capital funds are obtained by way of borrowings and in accordance with the Public Authorities (Financial Arrangements) Act, 1987 a Reserve for Loan Repayment has been created as a charge against Revenue to meet repayment of loans which are repayable on maturity. (Refer Note 11)

1.3 Accounting Policies

- Format of Financial Statements
The format of the financial statements conforms to the reporting requirements of the Public Finance and Audit Act 1983 and the operations of the Board are reported on a Program Accounting basis.
- Rounding Amounts to Nearest \$000
All amounts shown in the financial statements are rounded to the nearest thousand dollars (\$'000).
- Provision for Doubtful Debts (Refer Note 9.1)
A provision for doubtful debts has been established as a charge against income to provide for the eventuality of the Board being unable to recover overdue contributions or other debts.

- Loans (Refer Note 19)
Loans are classified in the Balance Sheet under Current Liabilities and Non Current Liabilities. The former includes loans falling due for repayment on or before 31 December, 1989.
- Depreciation and Amortisation (Refer Note 9.2)
The Board's depreciation policy provides for the writing-off of depreciable assets over the estimated useful life of each asset on a straight line basis calculated on historical cost of assets held at 31 December allowance being made where appropriate for residual values.
Certain equipment has been in use since prior to 1978 and therefore has a limited residual life. This equipment has been depreciated over the 2 years 1987 & 1988.
Work in progress at 31 December is not depreciated.
Life expectancies and annual depreciation rates in respect of each asset category are shown below:-

| | Years | Rate % |
|--|-------|-----------|
| * Buildings | 40 | 2.5 |
| * Motor fire appliances | 13 | 7.5 |
| * Other motor vehicles | 25 | 4.0 |
| * Equipment | 7 | 15.0 |
| * Computers and word processing facilities including peripherals and capitalised development costs | 5 | 20.0 |

Leasehold improvements are amortised over the period of the lease.

2. Statutory Contributions

In accordance with S.34 of the Fire Brigades Act 1909 (as amended) contributions are based on an estimate of the amount proposed to be expended in respect of each fire district for the next following year commencing 1st January, such contributions are made in the following proportions:

- Insurance companies and owners — three quarters
- Municipalities and Shires — one eighth
- N.S.W. Government — one eighth

3. Commonwealth Government Contribution

An amount of \$1,448,880 was received from the Commonwealth Government as a contribution towards meeting the cost of fire protection to Commonwealth Government buildings in N.S.W. The contribution received in 1987 was \$1,098,622.

4. Investment Income

Investment income comprises interest receivable from investments in Official Short Term Money Market securities (\$1,042,339) and interest on the Board's Current Account balance with its banker (\$948,137). (Refer Note 12)

5. Proceeds from Sales of Assets

During 1988 the Board reviewed its property holdings having regard to future operational requirements and as a result eight properties were sold realising \$1,689,877 (book value \$348,430). Other sales of fixed assets comprising motor vehicles and equipment realised \$1,001,933 (book value \$848,263).

6. Other Income

Other income comprises:

| | 1988 \$ | 1987 \$ |
|--|------------------|------------------|
| Deferred income | 87,123 | — |
| Monitoring of Fire alarms | 1,091,141 | 965,760 |
| Property rentals | 127,544 | 159,792 |
| Sales of materials & services rendered | 222,096 | 155,111 |
| Sundry items | 116,732 | 26,286 |
| | <u>1,644,636</u> | <u>1,306,949</u> |

7. ANALYSIS OF OPERATING EXPENDITURE BY PROGRAM

| EXPENDITURE ANALYSIS | PROGRAM NUMBER | | | | 1988 | 1987 |
|---|----------------|--------------|--------------|--------------|----------------|----------------|
| | 1 | 2 | 3 | 4 | Total | Total |
| | \$000 | \$000 | \$000 | \$000 | \$000 | \$000 |
| Staff Employment & Assoc. Costs (Note 8) | 93,759 | 2,306 | 1,617 | 3,286 | 100,968 | 93,826 |
| Occupancy Costs (a) | 3,028 | 247 | 17 | 1,509 | 4,801 | 3,723 |
| Equipment Costs (b) | 6,640 | 424 | 69 | 635 | 7,768 | 6,762 |
| Printing, Postage & Stationery | 415 | 148 | 303 | 208 | 1,074 | 764 |
| Finance Charges | 988 | — | — | 143 | 1,131 | 791 |
| Communication Costs | 3,535 | 380 | 31 | 301 | 4,247 | 3,503 |
| Professional Fees & Expenses | 25 | 47 | 1 | 415 | 488 | 593 |
| Travel & Subsistence | 585 | 179 | 10 | 323 | 1,097 | 1,041 |
| Computer Services | 110 | 40 | 25 | 638 | 813 | 864 |
| Uniforms & Clothing | 942 | 1 | 1 | 44 | 988 | 1,553 |
| General Expenses | 378 | 24 | 9 | 315 | 726 | 554 |
| Depreciation (Note 9.2) | 3,748 | 143 | 75 | 314 | 4,280 | 4,083 |
| Written down Value of Asset disposals | 1,044 | 40 | 20 | 93 | 1,197 | 584 |
| Provisions: | | | | | | |
| Doubtful Debts (Note 9.1) | — | — | — | 50 | 50 | 30 |
| Employee Leave Entitlements (Notes 8 & 9.3) | 12,319 | 323 | 220 | 328 | 13,190 | 12,116 |
| Superannuation — Deferred Liability (Notes 8 & 9.4) | 9,108 | 244 | 170 | 358 | 9,880 | 8,445 |
| TOTALS 1988 | <u>136,624</u> | <u>4,546</u> | <u>2,568</u> | <u>8,960</u> | <u>152,698</u> | |
| 1988 | 89.5% | 3.0% | 1.7% | 5.8% | 100% | |
| TOTALS 1987 | <u>126,742</u> | <u>3,736</u> | <u>2,027</u> | <u>6,727</u> | | <u>139,232</u> |
| 1987 | 91.0% | 2.7% | 1.5% | 4.8% | | 100% |

PROGRAM DESCRIPTION

1. Operation & Maintenance of Brigades & Special Services.
2. Brigade Training & Development
3. Investigations, Research & Advisory Services
4. Management and Administration
- (a) Occupancy Costs includes rent, rates & taxes, electricity, and building repairs and maintenance.
- (b) Equipment Costs includes vehicle and equipment repairs, fuel, stores and minor equipment.

8. Staff Employment and Associated Costs

In conjunction with the establishment of provisions for employee leave entitlements and superannuation liabilities as required by the Public Finance and Audit Act the related payments for 1988 have been charged against the respective provisions whereas previously such payments were included as staff employment costs. Payments made in 1987 in respect of employee leave entitlements (\$12,116,335) and superannuation (\$8,444,752) were shown in the accounts for that year under the heading of Staff Employment and Associated Costs; the corresponding amounts for 1988, of \$13,190,150 and \$9,879,798 have been charged against the respective provisions and the comparative figures for 1987 have been changed accordingly. (Refer Note 7)

Following is a summary of staff employment & associated costs:

| | 1988 | 1987 |
|--|--------------------|-------------------|
| | \$ | \$ |
| Salaries | 68,721,483 | 61,985,233 |
| Overtime | 14,005,304 | 14,983,282 |
| Volunteers | 8,118,765 | 7,370,283 |
| Payroll Tax | 6,125,995 | 5,759,729 |
| Workers' Compensation | 2,232,130 | 3,536,199 |
| Other | 317,737 | 191,661 |
| | <u>99,521,414</u> | <u>93,826,387</u> |
| Brigade overtime payments for December, 1987. | 689,763 | — |
| Volunteer Salaries for December, 1987. | 756,519 | — |
| | <u>100,967,696</u> | <u>93,826,387</u> |

Workers Compensation

During the year the Board commissioned a comprehensive review of its workers compensation claims as a result of which the related insurance premiums for 1987/88 were reduced by \$978,375 to \$3,073,365.

9. Provisions

9.1 Provision for Doubtful Debts

The Board has not incurred any bad debts during the year and consequently the amount charged against this provision is Nil.

9.2 Movements In Accumulated Depreciation Provisions and Amortisation

| | 1988 | 1987 |
|---|-------------------|-------------------|
| | \$ | \$ |
| Buildings | | |
| Opening Balance | 901,896 | — |
| Add Amount provided during the year | <u>929,000</u> | <u>989,696</u> |
| | 1,830,896 | 989,696 |
| Less Accumulated Depreciation on Write-offs and Disposals | <u>7,298</u> | <u>—</u> |
| Closing Balance | <u>1,823,598</u> | <u>989,696</u> |
| Leasehold Improvements | | |
| Opening Balance | 87,800 | — |
| Add Amount Amortised during the year | <u>53,060</u> | <u>87,800</u> |
| | 140,860 | 87,800 |
| Less Accumulated Amortisation on Write-off and Disposals | <u>—</u> | <u>—</u> |
| Closing Balance | <u>140,860</u> | <u>87,800</u> |
| Motor Fire Appliances & Other Motor Vehicles | | |
| Opening Balance | 11,968,774 | 9,628,004 |
| Add Amount provided during the year | <u>2,518,765</u> | <u>2,425,168</u> |
| | 14,487,539 | 12,053,172 |
| Less Accumulated Depreciation on Write-offs and Disposals | <u>376,918</u> | <u>84,398</u> |
| Closing Balance | <u>14,110,821</u> | <u>11,968,774</u> |
| Equipment (Refer Note 1.3) | | |
| Opening Balance | 239,528 | — |
| Add Amount provided during the year | <u>307,058</u> | <u>239,528</u> |
| | 546,586 | 239,528 |
| Less Accumulated Depreciation on Write-offs and Disposals | <u>—</u> | <u>—</u> |
| Closing Balance | <u>546,586</u> | <u>239,528</u> |
| Computers & System Development Costs | | |
| Opening Balance | 427,911 | — |
| Add Amount provided during the year | <u>472,314</u> | <u>427,911</u> |
| | 900,225 | 427,911 |
| Less Accumulated Depreciation on Write-offs and Disposals | <u>—</u> | <u>—</u> |
| Closing Balance | <u>900,225</u> | <u>427,911</u> |

9.3 Employee Leave entitlements (Refer Note 9.5)

The assessed liability in respect of Long Service Leave, Annual Leave and other Brigade leave entitlements accumulated by employees calculated at salary rates current on 31 December, 1988 amounts to \$31,871,453 and is included in these accounts (\$29,371,311 at 31 December 1987). The liability in respect of Long Service Leave is calculated from the time employees have attained 5 years service with the Board. Where service is portable, the employee's previous service has been taken into account in the calculation.

9.4 Superannuation – Deferred Liability (Refer Note 9.5)

State Superannuation Fund
The Board's liability for the unfunded past service cost in respect of the State Superannuation Fund has been assessed by the Government Actuary as \$145.9 millions at 30 June, 1986. By application of the formula provided by the Government Actuary this past service liability is calculated to be \$187,186,000 at 31 December, 1988 (\$170,309,000 at 31 December 1987). The full amount of this liability has been included in these accounts. The date upon which the Actuary's calculations of superannuation liability and expense were based was 30 June, 1984. The Actuary's report was dated 29 July, 1987. Major assumptions adopted by the Actuary in the assessment include:-

- Interest earnings on assets: 8 per cent p.a.
- Growth of salaries: 7 per cent p.a. plus salary scale.
- Indexation of pensions: 5 per cent p.a.
- Commutation of pension: Rates adopted for the actuarial investigation of the Fund as at 30 June, 1984.

State Public Service Superannuation Fund
This Fund replaced the State Superannuation Fund which was closed to new members from 1 July, 1985. As advised by the Government Actuary, pending an actuarial review, the unfunded liability as at 31 December, 1988 has been calculated on an interim basis of 2.5 times employees' contributions and amounts to \$1,546,000 and has been included in these accounts. The amount so calculated as at 31 December 1987 was \$676,000 and the liability of \$1,044,000 arising in the financial year has been included in these accounts. The State Public Service Superannuation Fund was closed to new members from 31 March, 1988.

State Authorities Superannuation Scheme
This Scheme, to which existing members of the Public Authorities Superannuation Scheme were transferred, commenced from 1 April, 1988.

As advised by the Public Authorities Superannuation Board by letter dated 9 January, 1989 the actuarially assessed unfunded employer superannuation liability under the terms of the State Authorities Superannuation Act and Non-Contributory Superannuation Act in respect of this Scheme was \$130,000 at 31 March, 1988 any by application of the formula provided by the Board this liability is calculated to be \$224,000 as at 31 December, 1988. This liability has been included in these accounts.

Major assumptions adopted by the actuary include:-

- interest rates: 8% p.a.
- increases in C.P.I.: 5% p.a.
- Salary increases: 7% p.a.

Other actuarial assumptions were based on the experience of the Scheme.

9.5 Summary of assessed liabilities in respect of employee entitlements

| | Assessed liabilities as at 31st December, 1988 | Increase in liabilities arising during 1988 | Assessed liabilities as at 31st December, 1988 |
|--|--|---|--|
| Long Service Leave | \$000 | \$000 | \$000 |
| Annual & other Leave | 25,587 | 1,989 | 23,598 |
| State Superannuation Fund | 6,284 | 511 | 5,773 |
| State Public Service Superannuation Fund | 187,186 | 16,877 | 170,309 |
| State Authorities Superannuation Scheme | 1,546 | 870 | 676 |
| | 224 | 111 | 113 |
| Totals | 220,827 | * 20,358 | * 200,469 |

- * In accordance with Australian Accounting Standard AAS1., the liability (excluding payments) arising in the year amounting to \$20,358,000 has been treated as an abnormal item (Refer Note 10) and the unprovided liability of \$200,469,000 in respect of previous years has been brought to account as a prior period adjustment in the Income and Expenditure statement.

10. Abnormal Items

| | 1988 \$000 | 1987 \$000 |
|---|---------------|---------------|
| Provisions: | | |
| Superannuation deferred liability | 17,858 | — |
| Employee leave entitlements | 2,500 | — |
| | <u>20,358</u> | <u>—</u> |
| Asset adjustment arising from reconciliation of asset records | 443 | 323 |
| | <u>20,801</u> | <u>323</u> |

11. Reserve for Loan Repayments

As required by the Public Authorities (Financial Arrangements) Act 1987, a Loan Repayment Reserve has been created to which an amount of \$1,584,000 has been transferred for 1988.

12. Cash at Bank and Deposits

By arrangement with its banker, the Board receives interest at a fixed rate calculated on the Board's current account balance at the close of business each day. (Refer Note 4)

13. Accounts Receivable

| | 1988 \$ | 1987 \$ |
|--------------------------------|------------------|------------------|
| Monitoring of fire alarm lines | 1,382,254 | 1,272,216 |
| Marina & Kindergarten | 26,273 | 13,672 |
| Miscellaneous | 123,454 | 19,127 |
| | <u>1,531,981</u> | <u>1,305,015</u> |
| Less | | |
| Provision for Doubtful Debts | 80,000 | 30,000 |
| | <u>1,451,981</u> | <u>1,275,015</u> |
| Grant due from NSW Government | — | 590,300 |
| | <u>1,451,981</u> | <u>1,865,315</u> |

14. Other Receivables

| | 1988 \$ | 1987 \$ |
|-------------------------|----------------|----------------|
| Accrued interest | 262,076 | 179,455 |
| Travel advances | 89,331 | 91,485 |
| Legal costs recoverable | 60,077 | — |
| | <u>411,484</u> | <u>270,940</u> |

15. Stores

The value of Stores included in the Balance Sheet is \$2,013,025 based on the result of actual count, weight or measurement as appropriate and priced at average weighted costs applicable at time of stocktake in December, 1988. As referred to in Note 1.2. this amount does not include the value of stocks of forms and stationery which at December, 1988 amounts to \$191,510.

The value of Stores at 31 December, 1987 was \$2,399,095 including \$208,104 in respect of forms and stationery.

16. Contributions Outstanding

During the year the following contributions were not remitted and were due and outstanding at 31 December, 1988.

| | 1988 \$ | 1987 \$ |
|---------------------|----------------|---------------|
| Insurance Companies | 261,706 | 55,261 |
| | <u>261,706</u> | <u>55,261</u> |

17. Non Current Assets

Non Current Assets are shown in the Balance Sheet at written down book value as summarised below:

| Asset | 31 December 1988 \$ | Cost 31 December 1988 \$ | Accum. Deprn. Value \$ | Written Down Value \$ | Written Down 1987 \$ |
|---|---------------------------|-----------------------------------|---------------------------------|--------------------------------|-------------------------------|
| Land & Buildings | | | | | |
| opening balance | 39,395,002 | | | | |
| additions | 2,290,202 | | | | |
| | <u>41,685,204</u> | | | | |
| Less-Disposals | 355,732 | 41,329,472 | 1,823,598 | 39,505,874 | 38,493,106 |
| Leasehold Improvements | | | | | |
| opening balance | 232,843 | | | | |
| additions | — | 2232,843 | 140,860 | 91,983 | 145,043 |
| Fire Appliances & Other Motor Vehicles | | | | | |
| opening balance | 33,846,723 | | | | |
| additions | 2,579,536 | | | | |
| | <u>36,426,259</u> | | | | |
| Less-Disposals | 981,830 | | | | |
| Asset Adjustment* | 687,406 | 34,757,023 | 14,110,821 | 20,646,202 | 21,877,949 |
| Equipment (Refer Note 1.3) | | | | | |
| opening balance | 530,203 | | | | |
| additions | 429,586 | 959,789 | 546,586 | 413,203 | 290,675 |
| Computers and system development costs | | | | | |
| opening balance | 2,139,559 | | | | |
| additions | 222,013 | 2,361,572 | 900,225 | 1,461,347 | 1,711,648 |
| | <u>79,640,699</u> | <u>17,522,090</u> | <u>62,118,609</u> | <u>62,518,421</u> | |

* Asset adjustment is based on a reconciliation of asset records

Market Value of Fixed Assets

The Public Finance and Audit Act 1983 requires the Board to show the market value of all fixed assets which do not form an integral part of the Board's fire fighting services.

Motor Fire Appliance

By definition, motor fire appliances are classed as integral to the Board's operations.

Real Property

| Number of Properties | Book Value \$ | Valuation \$ |
|----------------------|------------------|-----------------|
| 367 | 39,505,874 | 43,868,627 |

Real property valuations amounting to \$43,868,627 have been provided by the Valuer-General. The dates of these valuations range between 1981 and 1987 with the exception of 12 properties valued at \$125,652 prior to 1981.

The Valuer-General's Department will provide current valuations of the Board's properties by December, 1989.

Other Fixed Assets

Depreciation rates applied to other fixed assets have regard to their residual values and consequently the written down value of these assets closely approximates to market value.

18. Accounts Payable and Accrued Expenses

| | 1988 | 1987 |
|--|-------------------|-------------------|
| | \$ | \$ |
| Unclaimed Monies | 32,924 | 40,674 |
| Salaries Clearing Account | 4,335,597 | 4,036,100 |
| Accrued Expenses | 6,335,933 | 4,769,804 |
| Creditors | 403,231 | 1,190,072 |
| Credits due to Insurance Companies in respect of assessment of contributions | 2,836,101 | 3,163,313 |
| Monies held in trust | 3,895 | 6,020 |
| | <u>13,947,681</u> | <u>13,205,983</u> |

Under Section 36A of the Fire Brigades Act, an assessment is made of the previous years contributions due from insurance companies, based on insurance premiums received. This assessment is compared to advance payments received by the Board in that year from the companies and any balance due is paid to the Board while credits are held and applied to future advance payments or refunded in accordance with Section 36A (4) and (5) of the Act.

19. Loans & Advances

Loans due for repayment within 1 year (on or before 31 December, 1989) are classified in the Balance Sheet as Current Liabilities. Advances are provided by the N.S.W. Treasury to meet the Board's short term cash requirements and are repayable with interest.

The ageing of the Board's outstanding borrowings at 31 December, 1988 is shown below:-

| Loan | Repayment Due | | | | Total \$000 |
|----------------------------|-----------------|------------------|-------------------|----------------------------|----------------|
| | 1 year \$000 | 1-2year \$000 | 2-5years \$000 | Beyond 5 years \$000 | |
| Debentures issued to: | | | | | |
| National Bank | 293 | 263 | 338 | — | 894 |
| State Bank | 86 | 86 | 257 | 43 | 472 |
| Treasury Corporation Loans | 322 | 3,821 | 4,217 | 187 | 8,547 |
| Total 31 December 1988 | <u>701</u> | <u>4,170</u> | <u>4,812</u> | <u>230</u> | <u>9,913</u> |
| Total 31 December 1987 | 4,322 | 701 | 3,763 | 660 | 9,446 |

New loans raised from Treasury Corporation during 1988 for Capital works totalled \$4,788,000.

During the year advances totalling \$4 million were provided by the N.S.W Treasury to meet the Board's short term cash requirements. This amount was repaid, together with interest and at 31 December 1988 no such advances were outstanding.

Debentures issued to the bank are secured by a first charge on all the property of the Board with the exception of appliances and capitalised equipment exempted by the provisions of the Fire Brigades Act 1909.

Treasury Corporation loans are guaranteed by the State Treasury.

Accrued interest at 31 December, 1988 in respect of the above loans is included in Financing Charges under Management and Administration and Operation of Brigades and Special Services. (Refer Note 7)

20. Contributions in advance

During the year the following contributions were received in advance for the 1989 financial year:

| | 1988 | 1987 |
|-------------------------|------------------|------------------|
| | \$ | \$ |
| N.S.W. Government | 4,954,250 | — |
| Local Government | 102,792 | 73,357 |
| Commonwealth Government | 640,587 | 583,079 |
| Insurance Companies | 4,267,765 | 2,463,974 |
| | <u>9,965,394</u> | <u>3,120,410</u> |

21. Deferred Income

Assets which are acquired at no cost to the Board or purchased from advances received free of repayment obligation are subject to an annual depreciation charge. In accordance with International Accounting Standard IAS20, the corresponding benefit which is reflected in the Balance Sheet is recognised in the Income and Expenditure Statement on a systematic basis over the estimated useful lives of the assets involved (Refer Notes 1.3 & 6)

Movements in respect of deferred income are as follows:-

| | \$000 |
|---|------------|
| Opening balance | 590 |
| Advance received in 1988 from N.S.W. Government | 152 |
| | <u>742</u> |
| Less deferred income transferred to Revenue | 87 |
| Closing Balance | <u>655</u> |

22. Contingent Liabilities

At December, 1987, the Board had a contingent liability of \$292,000 in respect of a claim for foreign exchange rate losses incurred by a supplier of equipment.

This matter has been finalised and judgement has been entered in favour of the Board with costs.

23. Contracted Capital Commitments

Capital contracts to which the Board is committed which are not otherwise recorded in the Balance Sheet totalled \$2,764,539 at 31 December 1988 details of which are as follows:

| | 1988 | 1987 |
|------------------------------|------------------|------------------|
| | \$ | \$ |
| Building & Construction work | 744,741 | 811,678 |
| Motor Fire Appliances | <u>2,019,798</u> | <u>256,218</u> |
| | <u>2,764,539</u> | <u>1,067,896</u> |

24. Audit Fees

Fees for auditing services provided to the Board were:

| | 1988 | 1987 |
|------------------------------------|----------------|-----------------|
| | \$ | \$ |
| Internal Audit Bureau | 81,567 | 49,480 |
| External Audit | <u>45,000</u> | <u>* 86,622</u> |
| | <u>126,567</u> | <u>136,102</u> |
| | | \$ |
| * NSW Auditor-General — 1987 Audit | | 40,000 |
| Arthur Young — 1986 Audit | | <u>46,622</u> |
| | | <u>86,622</u> |

Apart from audit fees, the Internal Audit Bureau and the External Auditors received no other benefits.

25. Emoluments or other benefits paid or due and payable to Board Members

Fees amounting to \$17,027 were due and paid to Board members for the year ended 31 December, 1988 (\$15,050 in 1987) and do not include salaries paid to members who are full time employees of the Board.

26. Lease Commitments

Operating lease agreements not otherwise recorded in the Balance Sheet and payable within 12 months after the end of the financial year amount to \$1,244,094 (\$823,908 in 1987).

27. Reconciliation of Funds from Operations with Operating Deficit

| | | |
|--|---------------|--------------|
| | 1988 | 1987 |
| | \$000 | \$000 |
| Operating deficit after abnormal items | 21,139 | 5,036 |
| Add Deferred Income | 87 | — |
| | <u>21,226</u> | <u>5,036</u> |
| LESS: | | |
| Transfers to Provisions | | |
| Depreciation | 4,367 | 4,083 |
| Doubtful Debts | 50 | 30 |
| Abnormal Items | 20,801 | 323 |
| | <u>25,218</u> | <u>4,436</u> |
| Funds flow from Operations | <u>3,992</u> | <u>(600)</u> |

**End of audited
Financial Statements**

REAL PROPERTY HOLDINGS

The Board's real property holdings, including fire stations, are considered to be wholly or partly available for alternative use and are therefore not regarded as integral to its operations. Following is a Summary of real property holdings as at 31 December, 1988.

| | | |
|----------------------|------------|------------|
| Number of Properties | Book Value | Valuation |
| | \$ | \$ |
| 367 | 39,505,874 | 43,868,627 |

Valuations have been provided by the Valuer-General. The dates of these valuations range between 1981 and 1987 with the exception of 12 properties valued at \$125,652 prior to 1981.

Budget 1989

The Outline Budget for 1989 is set out below. The operating result is forecasted to be a deficit of \$20.4m including accrual provisions in respect of Depreciation and Deferred Superannuation and Employee Leave Entitlements which cannot be funded through Statutory Contributions.

Based on the Budget estimates, the Statutory Contributions payable for 1989 will be:

| | |
|-----------------------------------|----------------|
| | \$'000 |
| N.S.W. Government | 19,817 |
| Insurance Companies and Owners | 118,902 |
| Local Government | 19,817 |
| | <u>158,536</u> |

OUTLINE INCOME AND EXPENDITURE BUDGET NOT PART OF THE AUDITED FINANCIAL STATEMENTS

| | BUDGET | ACTUAL | BUDGET |
|--|----------------|----------------------|------------------|
| | 1988 | 1988 | 1989 |
| | \$000 | \$000 | \$000 |
| INCOME | | | |
| Statutory Contributions | 144,500 | 144,584 | 158,536 |
| Commonwealth Government Contribution and all other income | 4,800 | 7,776 | 6,600 |
| | <u>149,300</u> | <u>152,360</u> | <u>165,136</u> |
| EXPENDITURE | | | |
| Operation & Maintenance of Brigades & Special Services | 136,145 | 136,624 ^o | 167,548 |
| Brigade Training & Development | 4,586 | 4,546 | 4,482 |
| Investigations, Research & Advisory Services | 2,558 | 2,568 | 3,411 |
| Management & Administration | 9,372 | 8,960 | 10,017 |
| | <u>152,661</u> | <u>152,698</u> | <u>185,458</u> + |
| Operating Result Surplus (Deficit) | (3,361) | (338) | (20,322) |

* In accordance with AAS15 the gross proceeds from sale of fixed assets are shown separately from their written down values in the Income and Expenditure Statement.

+ Includes a provision of \$21.0m for deferred superannuation and employee leave entitlements. This amount is unfunded.

^o Includes salaries and overtime payments amounting to \$1,446,000 in respect of 1987.

TABLE 1

FIRE DISTRICT ESTIMATES OF EXPENDITURE 1988

| | | | |
|-----------------|-----------|-----------------|-----------|
| ABERDEEN | 40,384 | DUNEDOO | 21,312 |
| ALBURY | 1,017,024 | DUNGOG | 22,624 |
| ALSONVILLE | 35,072 | EDEN | 34,048 |
| ARMIDALE | 168,768 | EVANS HEAD | 22,528 |
| BALLINA | 60,864 | FINLEY | 29,568 |
| BALRANALD | 24,000 | FORBES | 26,720 |
| BANGALOW | 57,024 | FORSTER | 36,960 |
| BARHAM | 21,536 | GILGANDRA | 19,296 |
| BARRABA | 11,136 | GLEN INNES | 111,072 |
| BATEMANS BAY | 36,800 | GLOUCESTER | 28,416 |
| BATHURST | 201,472 | GOSFORD | 1,555,616 |
| BATLOW | 19,168 | GOULBURN | 204,512 |
| BEGA | 40,384 | GRAFTON | 146,336 |
| BELLINGEN | 19,552 | GRENFELL | 14,144 |
| BERRIGAN | 21,472 | GRIFFITH | 121,888 |
| BERRY | 12,512 | GULGONG | 23,840 |
| BINGARA | 40,608 | GUNDAGAI | 15,744 |
| BLAYNEY | 24,704 | GUNNEDAH | 44,928 |
| BLUE MOUNTAINS | 1,272,352 | GUYRA | 15,232 |
| BOGGABRI | 45,472 | HAY | 86,464 |
| BOMBALA | 51,744 | HELENSBURGH | 30,912 |
| BOOROWA | 18,272 | HENTY | 16,096 |
| BOURKE | 52,384 | HILLSTON | 18,560 |
| BOWRAL | 42,880 | HOLBROOK | 21,184 |
| BOWRAVILLE | 15,328 | ILLAWARRA | 4,689,152 |
| BRAIDWOOD | 14,080 | INVERELL | 199,936 |
| BRANXTON-GRETA | 32,224 | JERILDERIE | 23,520 |
| BREWARRINA | 21,088 | JINDABYNE | 56,064 |
| BROKEN HILL | 848,192 | JUNEE | 16,352 |
| BRUNSWICK HEADS | 41,856 | KANDOS | 17,056 |
| BUDGEWOI | 55,040 | KEMPSEY | 73,792 |
| BUNDANOON | 19,904 | KIAMA | 42,240 |
| BUNDEENA | 31,648 | KINGSCLIFF | 27,840 |
| BYRON BAY | 43,264 | KURRI KURRI | 110,400 |
| CAMDEN | 82,848 | KYOGLE | 28,288 |
| CAMPBELLTOWN | 1,899,040 | LAKE CARGELLIGO | 15,488 |
| CANOWINDRA | 16,512 | LAKE MACQUARIE | 1,775,936 |
| CASINO | 120,640 | LAURIETON | 30,144 |
| CESSNOCK | 339,328 | LEETON | 59,904 |
| COBAR | 17,472 | LIGHTNING RIDGE | 23,584 |
| COFFS HARBOUR | 180,480 | LISMORE | 594,528 |
| CONDOBOLIN | 19,584 | LITHGOW | 288,000 |
| COOLAH | 19,648 | LOCKHART | 37,600 |
| COOLAMON | 10,272 | LOWER HUNTER | 49,536 |
| COOMA | 55,008 | MACKSVILLE | 31,648 |
| COONABARABRAN | 38,272 | MACLEAN | 93,728 |
| COONAMBLE | 26,976 | MAITLAND | 517,408 |
| COOTAMUNDRA | 30,304 | MANILLA | 18,528 |
| CORAKI | 31,328 | MERIMBULA | 35,616 |
| COROWA | 38,816 | MERRIWA | 18,336 |
| COWRA | 21,952 | MITTAGONG | 34,432 |
| CROOKWELL | 30,112 | MOAMA | 27,360 |
| CULCAIRN | 16,736 | MOLONG | 18,720 |
| DENILIKUIN | 78,848 | MOREE | 127,136 |
| DENMAN | 79,776 | MORISSET | 11,456 |
| DORRIGO | 15,616 | MORUYA | 22,272 |
| DUBBO | 267,744 | MOSS VALE | 34,304 |

| | | | |
|------------------|-------------|--------------|--------------------|
| MUDGE | 30,656 | TEA GARDENS | 32,672 |
| MULLUMBIMBY | 34,176 | TEMORA | 27,616 |
| MULWALA | 74,880 | TENTERFIELD | 25,856 |
| MURRUMBURRAH | 24,320 | TERRIGAL | 29,408 |
| MURRURUNDI | 25,024 | THE ENTRANCE | 208,800 |
| MURWILLUMBAH | 37,888 | THREDBO | 161,408 |
| MUSWELLBROOK | 56,288 | TOCUMWAL | 27,040 |
| NAMBUCCA HEADS | 27,072 | TOUKLEY | 64,160 |
| NAROOMA | 64,032 | TRANGIE | 25,952 |
| NARRABRI | 55,456 | TUMBARUMBA | 17,664 |
| NARRANDERA | 35,296 | TUMUT | 41,696 |
| NARROMINE | 38,368 | TWEED HEADS | 117,696 |
| NELSON BAY | 35,456 | ULLADULLA | 34,080 |
| NEWCASTLE | 6,698,592 | URALLA | 13,984 |
| NOWRA | 114,912 | URUNGA | 29,216 |
| NYNGAN | 24,480 | WAGGA WAGGA | 1,283,296 |
| OBERON | 21,056 | WALCHA | 18,944 |
| ORANGE | 202,208 | WALGETT | 21,856 |
| PARKES | 41,536 | WALLERAWANG | 15,008 |
| PAXTON | 22,048 | WARIALDA | 17,088 |
| PEAK HILL | 19,008 | WARRAGAMBA | 20,704 |
| PENRITH | 1,834,048 | WARREN | 27,680 |
| PERISHER VALLEY | 216,576 | WAUCHOPE | 53,600 |
| PICTON | 29,152 | WEE WAA | 23,168 |
| PORT MACQUARIE | 194,528 | WELLINGTON | 26,432 |
| PORTLAND | 19,296 | WENTWORTH | 27,872 |
| QUEANBEYAN | 190,176 | WERRIS CREEK | 17,184 |
| QUIRINDI | 15,712 | WEST WYALONG | 25,184 |
| RAYMOND TERRACE | 32,160 | WINDSOR | 108,512 |
| RIVERSTONE | 59,264 | WINGHAM | 52,064 |
| SAWTELL | 33,248 | WOOLGOOLGA | 37,536 |
| SCONE | 29,184 | WYONG | 61,184 |
| SHELLHARBOUR | 106,752 | YAMBA | 24,512 |
| SINGLETON | 77,088 | YASS | 49,792 |
| SOUTH WEST ROCKS | 37,632 | YENDA | 16,448 |
| SYDNEY | 111,067,520 | YOUNG | 34,496 |
| TAMWORTH | 276,544 | MERIMBULA | 35,616 |
| TAREE | 64,736 | TOTAL | <u>144,500,000</u> |

TABLE 2

CONTRIBUTIONS BY SHIRE AND MUNICIPAL COUNCILS

CONTRIBUTIONS

(\$) (c)

| | | | |
|------------------------------|------------|----------------------------------|------------|
| Albury City Council | 127,128.00 | Dungog Shire Council | 2,828.00 |
| Armidale City Council | 21,096.00 | Eurobodalla Shire Council | 15,388.00 |
| Ashfield Municipal Council | 166,235.92 | Fairfield City Council | 375,168.52 |
| Auburn Municipal Council | 252,320.09 | Forbes Shire Council | 3,340.00 |
| Ballina Shire Council | 11,992.00 | Gilgandra Shire Council | 2,412.00 |
| Balranald Shire Council | 3,000.00 | Glen Innes Municipal Council | 13,884.00 |
| Bankstown City Council | 621,745.53 | Gloucester Shire Council | 3,552.00 |
| Barraba Shire Council | 1,392.00 | Gosford City Council | 199,442.75 |
| Bathurst City Council | 25,184.00 | Goulburn City Council | 25,564.00 |
| Baulkham Hills Shire Council | 361,226.56 | Grafton City Council | 17,868.28 |
| Bega Valley Shire Council | 13,756.00 | Great Lakes Shire Council | 8,704.00 |
| Bellingen Shire Council | 8,048.00 | Greater Lithgow City Council | 40,288.00 |
| Berrigan Shire Council | 9,760.00 | Griffith Shire Council | 17,292.00 |
| Bingara Shire Council | 5,076.00 | Gundagai Shire Council | 1,968.00 |
| Blacktown City Council | 390,201.92 | Gunnedah Shire Council | 5,616.00 |
| Bland Shire Council | 3,148.00 | Guyra Shire Council | 1,904.00 |
| Blayney Shire Council | 3,088.00 | Harden Shire Council | 3,040.00 |
| Blue Mountains City Council | 159,044.00 | Hastings Municipal Council | 34,784.00 |
| Bogan Shire Council | 3,060.00 | Hawkesbury Shire Council | 13,564.00 |
| Bombala Shire Council | 6,468.00 | Hay Shire Council | 10,808.00 |
| Boorowa Shire Council | 2,284.00 | Holbrook Shire Council | 2,648.00 |
| Botany Municipal Council | 177,257.80 | Holroyd Municipal Council | 285,542.42 |
| Bourke Shire Council | 6,548.00 | Hornsby Shire Council | 488,223.34 |
| Brewarrina Shire Council | 2,636.00 | Hunters Hill Municipal Council | 114,493.02 |
| Broken Hill City Council | 106,024.00 | Hurstville Municipal Council | 321,597.90 |
| Burwood Municipal Council | 146,748.05 | Inverell Shire Council | 24,992.00 |
| Byron Shire Council | 22,040.00 | Jerilderie Shire Council | 2,940.00 |
| Cabonne Shire Council | 4,404.00 | Junee Shire Council | 2,044.00 |
| Camden Municipal Council | 10,356.00 | Kempsey Shire Council | 13,928.00 |
| Campbelltown City Council | 237,380.00 | Kiama Municipal Council | 5,280.00 |
| Canterbury Municipal Council | 431,653.41 | Kogarah Municipal Council | 247,357.91 |
| Carathool Shire Council | 2,320.00 | Ku-Ring-Gai Municipal Council | 830,120.88 |
| Casino Municipal Council | 15,080.00 | Kyogle Shire Council | 3,536.00 |
| Cessnock City Council | 63,000.00 | Lachlan Shire Council | 4,384.00 |
| Cobar Shire Council | 2,184.00 | Lake Macquarie Municipal Council | 223,424.00 |
| Coffs Harbour Shire Council | 31,408.00 | Lane Cove Municipal Council | 199,361.98 |
| Concord Municipal Council | 132,268.40 | Leeton Shire Council | 7,488.00 |
| Coolah Shire Council | 5,120.00 | Leichhardt Municipal Council | 233,731.46 |
| Coolamon Shire Council | 1,284.00 | Lismore City Council | 74,316.00 |
| Cooma-Monaro Shire Council | 6,876.00 | Liverpool City Council | 209,296.06 |
| Coonabarabran Shire Council | 4,784.00 | Lockhart Shire Council | 4,700.00 |
| Coonamble Shire Council | 3,372.00 | Maclean Shire Council | 14,780.00 |
| Cootamundra Shire Council | 3,788.00 | Maitland City Council | 67,459.16 |
| Copmanhurst Shire Council | 423.72 | Manilla Shire Council | 2,316.00 |
| Corowa Shire Council | 14,212.00 | Manly Municipal Council | 277,337.22 |
| Cowra Shire Council | 2,744.00 | Marrickville Municipal Council | 238,712.77 |
| Crookwell Shire Council | 3,764.00 | Merriwa Shire Council | 2,292.00 |
| Culcairn Shire Council | 4,104.00 | Moree Plains Shire Council | 15,892.00 |
| Deniliquin Municipal Council | 9,856.00 | Mosman Municipal Council | 321,238.29 |
| Drummoyne Municipal Council | 198,404.02 | Mudgee Shire Council | 6,812.00 |
| Dubbo City Council | 33,468.00 | Murray Shire Council | 3,420.00 |

| | | | |
|-----------------------------------|--------------|------------------------------|---------------|
| Murrurundi Shire Council | 3,128.00 | Tallaganda Shire Council | 1,760.00 |
| Muswellbrook Shire Council | 17,008.00 | Tamworth City Council | 34,568.00 |
| Nambucca Shire Council | 9,256.00 | Taree City Council | 14,600.00 |
| Narrabri Shire Council | 15,512.00 | Temora Shire Council | 3,452.00 |
| Narrandera Shire Council | 4,412.00 | Tenterfield Shire Council | 3,232.00 |
| Narromine Shire Council | 8,040.00 | Tumbarumba Shire Council | 2,208.00 |
| National Parks & Wildlife Service | 47,248.00 | Tumut Shire Council | 7,608.00 |
| Newcastle City Council | 839,005.73 | Tweed Shire Council | 22,928.00 |
| North Sydney Municipal Council | 511,256.43 | Uralla Shire Council | 1,748.00 |
| Oberon Shire Council | 2,632.00 | Wagga Wagga City Council | 160,412.00 |
| Orange City Council | 25,276.00 | Wakool Shire Council | 2,692.00 |
| Parkes Shire Council | 7,568.00 | Walcha Shire Council | 2,368.00 |
| Parramatta City Council | 576,811.16 | Walgett Shire Council | 5,680.00 |
| Parry Shire Council | 2,148.00 | Warren Shire Council | 3,460.00 |
| Penrith City Council | 229,256.00 | Warringah Shire Council | 944,275.30 |
| Port Stephens Shire Council | 10,179.11 | Waverley Municipal Council | 337,784.48 |
| Queanbeyan City Council | 23,772.00 | Weddin Shire Council | 1,768.00 |
| Quirindi Shire Council | 1,964.00 | Wellington Shire Council | 3,304.00 |
| Randwick Municipal Council | 531,645.93 | Wentworth Shire Council | 3,484.00 |
| Richmond River Shire Council | 6,732.00 | Willoughby Municipal Council | 487,052.67 |
| Rockdale Municipal Council | 377,437.09 | Wingecarribee Shire Council | 16,440.00 |
| Ryde Municipal Council | 530,954.58 | Wollondilly Shire Council | 6,232.00 |
| Rylstone Shire Council | 2,132.00 | Wollongong City Council | 590,008.00 |
| Scone Shire Council | 8,696.00 | Woollahra Municipal Council | 560,079.48 |
| Shellharbour Municipal Council | 13,344.00 | Wyong Shire Council | 47,333.25 |
| Shoalhaven City Council | 20,188.00 | Yallaroi Shire Council | 2,136.00 |
| Singleton Shire Council | 9,636.00 | Yass Shire Council | 6,224.00 |
| Snowy River Shire Council | 7,008.00 | Young Shire Council | 4,312.00 |
| Strathfield Municipal Council | 177,340.48 | Bega Valley Shire | 4,452.00 |
| Sutherland Shire Council | 757,890.66 | | |
| Sydney City Council | 1,082,032.29 | | 18,062,500.02 |

TABLE 3**INSURANCE COMPANIES/OWNERS**

ACC GENERAL INSURANCE LIMITED
ACCIDENT INSURANCE MUTUAL HOLDINGS LTD
AETNA LIFE OF AUSTRALIA & NEW ZEALAND
ALCAN AUSTRALIA LTD
ALEXANDER STENHOUSE LIMITED (AUST.) LTD.
ALEXANDER STENHOUSE LTD
ALEXANDER STENHOUSE LTD N.S.W. CORPORATE DIVISION
AMERICAN HOME ASSURANCE CO.
AMERICAN REINSURANCE COMPANY
ANSVAR AUSTRALIA INSURANCE LIMITED
ARMSTRONG & MASTERMAN (HDGS) PTY LTD
AUSTRALIAN AMERICAN ASSURANCE COMPANY LTD
AUSTRALIAN ASSOCIATED MOTOR INSURANCE LTD
AUSTRALIAN EAGLE INSURANCE COMPANY LTD
AUSTRALIAN GEM INDUSTRY INSURANCE PTY LTD
AUSTRALIAN GENERAL INSURANCE COMPANY LTD
AUSTRALIAN MARINE UNDERWRITING AGENCY PTY LTD
AUSTRALIAN NATIVES ASSOCIATION INSURANCE CO. LTD
AUSTRALIAN REINSURANCE COMPANY LIMITED
AUSTRALIAN SPECIALIST UNDERWRITERS PTY LTD
A.C.I. INSURANCES PTY LTD
A.G.C.(INSURANCES) PTY LTD
A.M.P. FIRE & GENERAL INSURANCE CO. LTD
A.P.A. FIRE & GENERAL INSURANCE CO. LTD
BAIN CLARKSON PTY LTD
BAIN CLARKSON PTY LTD (NTHRN DIV) — LLOYDS
BAIN CLARKSON REINSURANCE PTY LTD PTY LIMITED
BALTICA-SKANDINAVIA INSURANCE COMPANY
BHP MARINE & GENERAL INSURANCE PTY.LTD.
BRIAN LEASK UNDERWRITING AGENCIES
B.P. AUSTRALIA LTD INSURANCE & RISK MANAGEMENT
B.R.A. AUSTRALIA PTY LTD
CALTEX OIL (AUST.) PTY LTD
CALTEX PROPERTIES LTD
CATHOLIC CHURCH INSURANCES LIMITED
CHAMBER OF MANUFACTURES INSURANCE LTD

CHIYODA FIRE & MARINE INSURANCE COMPANY LTD
CIC GENERAL INSURANCE LTD.
CIC INSURANCE LIMITED
CIGNA INSURANCE AUSTRALIA LTD
CITY MUTUAL GENERAL INSURANCE LIMITED
COLES MYER LTD (MYER EMPORIUM)
COLES-MYER LTD
COLOGNE REINSURANCE COMPANY
KOLNISCHE RUCKVERSICHERUNGS-
COLONIAL MUTUAL GENERAL INSURANCE CO. LTD
COMMERCIAL UNION OF AUSTRALIA GROUP OF COMPANIES
COMMONWEALTH SAVINGS BANK OF AUSTRALIA
COPENHAGEN REINSURANCE CO. (AUSTRALIA) LTD
COSURE LIMITED
CUMIS INSURANCE SOCIETY INC.
C.C.I. INSURANCE LTD
C.E. HEATH UNDERWRITING & INSURANCE (AUST) PTY LTD
C.E. HEATH UNDERWRITING & INSURANCE (AUST) PTY LTD
C.E. HEATH (MARINE & AVIATION) INSURANCE LIMITED
C.I.C. INSURANCE LTD (incl: National Ins. Co of NZ)
C.R.A. GROUP OF COMPANIES
C.S.B. (AUSTRALIA) PTY LTD
DAVID ROWLEY & SONS PTY LTD
DEFENCE SERVICES HOMES CORPORATION
DELANY COE & KELLY PTY LTD
DIGITAL EQUIPMENT CORP. (AUST) PTY LTD.
DOW CHEMICAL (AUST) LTD
EMOLEUM AUSTRALIA LTD
FENCHURCH INSURANCE BROKERS PTY LTD
FINN FOSTER & ASSOCIATES PTY LTD
FINN FOSTER & ASSOCIATES PTY LTD. (LLOYDS & LONDON)
FIRE UNDERWRITING AGENCIES LTD
FRANK B. HALL REINSURANCE (PACIFIC) PTY LTD
FRANK B. HALL & COMPANY AUSTRALIA PTY LTD (LLOYDS)
F.A.I. INSURANCE GROUP
F.M. INSURANCE COMPANY LTD
GENERAL ACCIDENT INSURANCE CO. AUSTRALIA LTD
GERLING GLOBAL REINSURANCE COMPANY AUSTRALIA
GILBARCO AUSTRALIA LTD

GOGAS AUSTRALIA PTY LTD
 GOLDING STEWART WRIGHTSON AUST LTD
 (LLOYDS)
 GOLDING STEWART WRIGHTSON AUST LTD
 (NON-LLOYDS)
 GOVERNMENT INSURANCE OFFICE OF N.S.W.
 GRAND UNION INSURANCE (CONSULTANTS)
 PTY LTD
 GREATER MIDWEST INSURANCE LIMITED
 GUILD INSURANCE COMPANY LTD
 G.R.E. INSURANCE LTD
 HALLIDAY & NICHOLAS
 HALLMARK GENERAL INSURANCE COMPANY
 LTD
 HANNAN & CO. N.S.W. PTY LTD
 HANRAN DICKEY INSURANCE BROKERS PTY
 LTD
 HARTFORD FIRE INSURANCE CO.
 HERITAGE GENERAL INSURANCE LIMITED
 HL PACIFIC LTD.,
 HOGG ROBINSON AUSTRALIA LTD
 HOME OWNERS INSURANCES PTY LTD
 HUNTER PIPE LINE COMPANY LTD.
 NEWCASTLE PIPE LINE CO. LTD.
 H.M. BATES AUSTRALIA PTY LTD
 INTERNATIONAL SPECIALIST UNDERWRITERS
 LTD
 INTERNATIONAL SPECIALIST UNDERWRITERS
 LTD (LLOYDS)
 I.B.M AUSTRALIA LTD
 I.B.S. BROKING SERVICES PTY LTD
 I.C. INSURANCE AUSTRALIA LTD
 JARDINE AUSTRALIA INSURANCE BROKERS
 PTY LTD
 JARDINE UNDERWRITING PTY LTD
 J.H. WACKERBARTH (A'ASIA) PTY LTD
 J.R.A. LIMITED C/-WILLIS FABER JOHNSON &
 KEMPER INSURANCE COMPANY LTD
 KENT TOWN INSURANCE BROKERS PTY. LTD.
 L UNION DES ASSURANCES DE PARIS
 LOMBARD INSURANCE COMPANY (AUST) LTD
 LOWNDES LAMBERT AUSTRALIA LTD
 LUMLEY GENERAL INSURANCE COMPANY
 LTD
 MACKINNON MCERLANE BOOKER PTY LTD
 MAGNUS GOLDRING PTY LTD
 MAJIK MARKETS PTY. LIMITED
 MANUFACTURERS MUTUAL INSURANCE
 LIMITED
 MARSH & MCLENNAN PTY.LTD., (NON-
 LLOYD'S)
 MARSH & MCLENNAN PTY.LTD. (LLOYD'S &
 LONDON COMPANIES)
 MARSHALL GOLDING ADAM (VIC) PTY LTD
 MERCANTILE MUTUAL INSURANCE
 (AUSTRALIA) LTD
 MERCANTILE & GENERAL REINSURANCE CO
 OF AUST LTD
 MERRELL DOW PHARMACEUTICALS
 AUSTRALIA LTD

MINET AUSTRALIA LTD
 MINET AUSTRALIA LTD FOR PARTICIPATING
 LONDON INS.
 MOBIL OIL AUSTRALIA LTD
 MONARCH HOLDINGS LTD.
 MOTOR ACCIDENT MUTUAL INSURANCE PTY
 LTD
 MUNICH REINSURANCE CO. OF AUST LIMITED
 M.I.M. HOLDINGS LTD
 M.L.C. INSURANCE LIMITED
 M.M.I GENERAL INSURANCE LTD
 NADIC AUSTRALIA PTY LTD (FOR ELCO)
 NATIONAL INSURANCE CO. OF NEW ZEALAND
 LTD
 NATIONAL TRANSPORT INSURANCE LIMITED
 NATIONAL & GENERAL INSURANCE
 COMPANY LTD
 NESTLE AUSTRALIA LTD
 NEUCHATEL SWISS GENERAL INSURANCE
 CO. LTD
 NEW INDIA ASSURANCE CO. LTD
 NEW REINSURANCE COMPANY
 NEW ZEALAND INSURANCE COY. LTD
 NIPPON FIRE & MARINE INSURANCE
 COMPANY LTD
 NORWICH WINTERTHUR INSURANCE (AUST)
 LTD
 NORWICH WINTERTHUR REINSURANCE
 CORPORATION LTD
 N.R.G. LONDON REINSURANCE CO. LTD. C/-
 LITTLEWOODS
 N.R.M.A. INSURANCE LTD
 N.S.W. GENERAL INSURANCE CO. PTY LTD
 OAMPS INTERNATIONAL INS. LTD.
 PEARSON WEBB SPRINGBETT (AUST) PTY LTD
 (NON-LLOYDS)
 PEARSON WEBB SPRINGBETT (AUST) P/L
 LLOYDS OF LONDON
 PENN INSURANCE BROKING GROUP PTY LTD
 PHILLIPS INDUSTRIES HOLDINGS LIMITED
 PROPERTY MARINE INSURANCE COY LTD
 PROVIDENT & PENSIONS HOLDINGS PTY LTD
 PROVINCIAL INSURANCE PUBLIC LIMITED
 COMPANY
 Q.B.E. INSURANCE LTD
 REINSURANCE CO. OF AUSTRALASIA LIMITED
 REINSURERS PTY LTD
 RICHARD OLIVER AUSTRALIA PTY LTD NON
 LLOYDS
 RICHARD OLIVER AUSTRALIA P/L LLOYDS
 RICHARD OLIVER & COMPANY PTY LTD
 ROBERT BARROW (AUST) PTY LTD
 ROYAL INSURANCE AUSTRALIA LTD
 R.A.A.INSURANCE LIMITED
 R.H. TOLLEY & GARDNER PTY LTD LLOYDS &
 LONDON UNDERWRITERS
 R.H. TOLLEY & GARDNER PTY LTD (NON-
 PARTICIPATING)
 SANDERSON INSURANCE BROKERS PTY LTD
 SCOR RE AUSTRALIA LTD

SEDGWICK LIMITED
 SEDGWICK LIMITED (OTHER THAN LLOYDS)
 SHELL CHEMICAL AUST. PTY LTD
 SHELL CO. OF AUSTRALIA LTD
 SHELL REFINING (AUSTRALIA) PTY LTD
 SIRIUS INSURANCE CO. LTD
 SKANDIA INTERNATIONAL INSURANCE
 CORPORATION
 SMITH, KLINE & FRENCH LABORATORIES
 (AUST.) LTD
 SOUTHERN CROSS UNDERWRITING PTY LTD
 SPHERE DRAKE UNDERWRITING (AUSTRALIA)
 LTD
 SPRAYPAVE PTY LTD
 STANLEY TAYLOR & COY. LLOYDS
 STATE GOVT INSURANCE COMMISSION
 STAUFFER (AUST.) LTD
 STEEVES LUMLEY PTY LTD
 STEEVES LUMLEY PTY LTD
 STEWART WRIGHTSON AUSTRALIA LTD. NON
 LLOYDS N.S.W. DIV.
 STEWART WRIGHTSON AUSTRALIA LTD.
 LLOYDS N.S.W. DIV.
 STEWART WRIGHTSON AUSTRALIA NON-
 LLOYDS
 STRONGHOLD INSURANCE (AUST.) LIMITED
 SUMITOMO MARINE & FIRE INSURANCE
 COMPANY LTD
 SUN ALLIANCE AUSTRALIA LTD
 SUN ALLIANCE AUSTRALIA LTD
 SUNCORP INSURANCE & FINANCE (S.G.I.O.
 QLD)
 SWANN INSURANCE (AUST) PTY LTD
 SWITZERLAND GENERAL INSURANCE
 COMPANY LTD
 SYDNEY METROPOLITAN PIPELINE PTY. LTD.
 TAISHO MARINE & FIRE INSURANCE

COMPANY LTD
 TERENCE LIPMAN PTY LTD
 THE FEDERATION INSURANCE LTD.
 TOKIO MARINE & FIRE INSURANCE COMPANY
 LTD
 TRANS TASMAN INSURANCE CORPORATION
 LTD.,
 TRANSPORT INDUSTRIES INSURANCE
 COMPANY LTD
 UNION INSURANCE COMPANY LTD
 UNION REINSURANCE COMPANY (AUST.
 BRANCH)
 UNITED PERMANENT INSURANCE SERVICES
 PTY LTD
 VANGUARD INSURANCE CO. LTD
 VESTA REINSURANCE CO. OF AUST LIMITED
 VICTOR AGHION & SONS PTY LTD (LONDON
 COMPANIES)
 VICTOR AGHION & SONS PTY LTD (OTHER
 COMPANIES)
 VICTORY REINSURANCE CO. OF AUSTRALIA
 LTD
 VIGILANT INSURANCE COMPANY
 VOX INSURANCE LIMITED
 V.A.C.C. INSURANCE CO. LTD
 WAGLAND SALTER & ASSOCIATES PTY LTD
 WESTERN UNDERWRITERS INSURANCE
 LIMITED
 WEYERHAEUSER (AUST.) PTY LTD
 WIGHAM POLAND (AUST.) PTY LTD C/-
 SEDGWICK LTD
 WILLIS FABER JOHNSON & HIGGINS PTY LTD
 WILLIS FABER JOHNSON & HIGGINS
 (REINSURANCE) PTY LTD
 YASUDA FIRE & MARINE INSURANCE
 COMPANY LTD
 ZURICH AUSTRALIAN INSURANCE LIMITED

Month of Occurrence by Type of Incident — 1988

| TYPE OF INCIDENT | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| FIRE, EXPLOSION | | | | | | | | | | | | | |
| Structure fire | 480 | 401 | 440 | 483 | 463 | 549 | 637 | 624 | 516 | 472 | 483 | 422 | 5970 |
| Outside of a structure fire | 91 | 42 | 63 | 52 | 49 | 62 | 85 | 74 | 75 | 98 | 101 | 67 | 859 |
| Vehicle fire | 326 | 242 | 256 | 228 | 268 | 242 | 274 | 278 | 247 | 334 | 281 | 292 | 3268 |
| Tree, bush, grass fire | 654 | 607 | 834 | 141 | 195 | 366 | 638 | 1152 | 968 | 1951 | 1275 | 486 | 9267 |
| Rubbish fire | 385 | 343 | 395 | 207 | 359 | 419 | 405 | 466 | 347 | 593 | 395 | 296 | 4610 |
| Explosion, with no after fire | 1 | — | 5 | 2 | 3 | 6 | 2 | 9 | 1 | 1 | 7 | 2 | 39 |
| Outside spill, leak with ensuing fire | 10 | 8 | 6 | 6 | 10 | 1 | 10 | 6 | 8 | 16 | 3 | 11 | 95 |
| Fire, Explosion not classified above | 8 | 2 | 8 | 7 | 5 | 6 | 2 | 4 | 4 | 7 | 7 | 2 | 62 |
| Fire, Explosion insufficient information | 5 | 3 | 3 | 4 | 2 | — | — | 1 | — | 2 | 3 | 2 | 25 |
| | 1960 | 1648 | 2010 | 1130 | 1354 | 1651 | 2053 | 2614 | 2166 | 3474 | 2555 | 1580 | 24195 |
| OVERPRESSURE RUPTURE (NO COMBUSTION) | 9 | 5 | 6 | 11 | 6 | 6 | 6 | 5 | 5 | 13 | 8 | 5 | 85 |
| RESCUE CALL | 199 | 186 | 241 | 195 | 197 | 194 | 232 | 242 | 259 | 224 | 239 | 241 | 2649 |
| HAZARDOUS CONDITION OR STANDBY | 571 | 444 | 497 | 568 | 504 | 500 | 577 | 556 | 573 | 536 | 650 | 669 | 6645 |
| SERVICE/SALVAGE CALL | 149 | 87 | 101 | 144 | 86 | 84 | 99 | 104 | 110 | 118 | 98 | 116 | 1296 |
| GOOD INTENT CALL | 425 | 317 | 306 | 340 | 296 | 341 | 383 | 474 | 367 | 490 | 417 | 319 | 4475 |
| FALSE CALL | 1473 | 1282 | 1371 | 1283 | 1277 | 1331 | 1376 | 1361 | 1289 | 1552 | 1408 | 1313 | 16316 |
| SYSTEM MALFUNCTION | 1323 | 877 | 1014 | 1172 | 1001 | 935 | 981 | 978 | 926 | 1068 | 1197 | 1268 | 12740 |
| OTHER TYPES OF INCIDENTS | 27 | 22 | 19 | 30 | 18 | 32 | 20 | 13 | 23 | 20 | 18 | 21 | 263 |
| TOTALS | 6136 | 4868 | 5565 | 4873 | 4739 | 5074 | 5727 | 6347 | 5718 | 7495 | 6590 | 5532 | 68664 |

Type of Incident by District, Zone and Specialist Response — 1988

| DISTRICT/ZONE | Fire and/or with explosion | Overpressure rupture | Rescue Call | Hazardous Condition | Service Salvage | Good Intent | False Call | System Malfunction | Other | Total Primary Responses | All Responses |
|-----------------------------|-------------------------------|-------------------------|-------------|------------------------|--------------------|----------------|---------------|-----------------------|------------|-------------------------------|------------------|
| Sydney Fire District | | | | | | | | | | | |
| A District | 1125 | 1 | 172 | 318 | 117 | 208 | 2686 | 2288 | 11 | 6926 | 10995 |
| B District | 1443 | 9 | 285 | 701 | 181 | 670 | 1523 | 1903 | 9 | 6724 | 9950 |
| C District | 2476 | 7 | 301 | 680 | 205 | 481 | 1464 | 748 | 15 | 6377 | 8852 |
| D District | 1496 | 6 | 212 | 557 | 115 | 376 | 1461 | 1427 | 28 | 5678 | 8548 |
| E District | 969 | 7 | 139 | 300 | 130 | 302 | 1378 | 1439 | 7 | 4671 | 7414 |
| G District | 3962 | 14 | 525 | 970 | 226 | 642 | 2298 | 1532 | 46 | 10215 | 13786 |
| Outer Sydney | 2654 | 8 | 133 | 374 | 46 | 295 | 970 | 384 | 7 | 4871 | 5716 |
| Country Zones | | | | | | | | | | | |
| Zone 1 | 806 | 3 | 124 | 333 | 48 | 234 | 410 | 388 | 19 | 2365 | 2701 |
| Zone 2 | 832 | 6 | 54 | 185 | 15 | 94 | 389 | 288 | 39 | 1902 | 2278 |
| Zone 3 | 428 | 1 | 87 | 151 | 7 | 68 | 282 | 192 | 5 | 1221 | 1519 |
| Zone 4 | 575 | 1 | 78 | 146 | 10 | 58 | 154 | 137 | 2 | 1161 | 1271 |
| Zone 5 | 689 | 1 | 50 | 155 | 12 | 73 | 265 | 158 | 15 | 1418 | 1588 |
| Zone 6 | 514 | 3 | 30 | 98 | 9 | 66 | 148 | 87 | 2 | 957 | 1088 |
| Zone 7 | 687 | 3 | 66 | 262 | 30 | 146 | 321 | 213 | 23 | 1751 | 2117 |
| Zone 8 | 1898 | 5 | 86 | 460 | 63 | 232 | 932 | 398 | 5 | 4079 | 4996 |
| Zone 9 | 616 | 4 | 79 | 199 | 20 | 85 | 216 | 142 | 11 | 1372 | 1408 |
| Newcastle | 3025 | 6 | 228 | 756 | 62 | 445 | 1419 | 1015 | 19 | 6975 | 9370 |
| Specialist Response | — | — | — | — | — | — | — | 1 | — | 1 | 278 |
| TOTALS | <u>24195</u> | <u>85</u> | <u>2649</u> | <u>6645</u> | <u>1296</u> | <u>4475</u> | <u>16316</u> | <u>12740</u> | <u>263</u> | <u>68664</u> | <u>93875</u> |

DEFINITIONS:

Primary Response: refers to a response by the station which submits the fire incident report form. More than one station usually attends an incident. However, only one station submits the fire incident report form. The total of primary responses equals to the total number of incidents.

Response: the turnout of every station or unit to an incident. Whereas primary response refers only to when a station attends an incident and is responsible for reporting it, response refers whenever a station responds or turnout to an incident. As at least two stations usually respond to an incident, about twice as many responses as primary responses are recorded.

Type of Action taken by District, Zone and Specialist Response — 1988

| DISTRICT/ZONE | Extinguish | Rescue Only | Investi- gations | Remove Hazard | Standby at Incident | Salvage | Medical Assistance Rendered | Cover Assignment Move up | Not classified | Undeter- mined | Total |
|-----------------------------|--------------|----------------|---------------------|------------------|------------------------|------------|-----------------------------------|--------------------------------|-------------------|-------------------|--------------|
| Sydney Fire District | | | | | | | | | | | |
| A District | 938 | 98 | 5433 | 300 | 57 | 32 | 7 | 2 | 43 | 16 | 6926 |
| B District | 1175 | 119 | 4507 | 615 | 107 | 34 | 15 | 5 | 119 | 28 | 6724 |
| C District | 2131 | 130 | 3260 | 598 | 88 | 20 | 8 | 3 | 133 | 6 | 6377 |
| D District | 1252 | 101 | 3611 | 512 | 71 | 22 | 8 | 6 | 60 | 35 | 5678 |
| E District | 813 | 65 | 3265 | 268 | 63 | 13 | 9 | 8 | 87 | 80 | 4671 |
| G District | 3504 | 204 | 5204 | 914 | 175 | 19 | 7 | 14 | 158 | 16 | 10215 |
| Outer Sydney | 2453 | 44 | 1909 | 349 | 52 | 7 | 5 | 11 | 27 | 14 | 4871 |
| Country Zones | | | | | | | | | | | |
| Zone 1 | 659 | 46 | 1231 | 335 | 62 | 3 | 3 | 8 | 16 | 2 | 2365 |
| Zone 2 | 745 | 24 | 789 | 147 | 65 | 3 | 2 | 53 | 52 | 22 | 1902 |
| Zone 3 | 340 | 19 | 640 | 138 | 65 | 2 | 1 | 4 | 11 | 1 | 1221 |
| Zone 4 | 515 | 18 | 404 | 158 | 39 | 1 | 2 | 11 | 9 | 4 | 1161 |
| Zone 5 | 576 | 13 | 560 | 147 | 46 | 2 | 1 | 42 | 19 | 12 | 1418 |
| Zone 6 | 432 | 13 | 366 | 85 | 40 | 1 | — | 5 | 11 | 4 | 957 |
| Zone 7 | 560 | 32 | 854 | 216 | 36 | 4 | 3 | 8 | 22 | 16 | 1751 |
| Zone 8 | 1708 | 33 | 1794 | 373 | 104 | 7 | 1 | 6 | 42 | 11 | 4079 |
| Zone 9 | 520 | 36 | 535 | 175 | 59 | 1 | 1 | 9 | 25 | 11 | 1372 |
| Newcastle | 2677 | 70 | 3388 | 537 | 194 | 23 | 3 | 8 | 42 | 33 | 6975 |
| Specialist Response | — | — | 1 | — | — | — | — | — | — | — | 1 |
| TOTALS | <u>20998</u> | <u>1065</u> | <u>37751</u> | <u>5867</u> | <u>1323</u> | <u>194</u> | <u>76</u> | <u>203</u> | <u>876</u> | <u>311</u> | <u>68664</u> |

***Fires by Day
of Week by
Time of Day
— 1988***

| Time | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Total |
|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 0 | 104 | 89 | 82 | 99 | 123 | 179 | 176 | 852 |
| 1 | 70 | 55 | 70 | 82 | 118 | 143 | 174 | 712 |
| 2 | 56 | 59 | 50 | 55 | 92 | 126 | 133 | 571 |
| 3 | 45 | 44 | 46 | 50 | 53 | 122 | 126 | 486 |
| 4 | 28 | 35 | 34 | 34 | 47 | 77 | 83 | 338 |
| 5 | 27 | 38 | 35 | 26 | 53 | 67 | 53 | 299 |
| 6 | 39 | 43 | 37 | 47 | 46 | 48 | 34 | 294 |
| 7 | 54 | 61 | 51 | 69 | 46 | 61 | 56 | 398 |
| 8 | 92 | 78 | 81 | 73 | 76 | 81 | 71 | 552 |
| 9 | 92 | 94 | 77 | 96 | 88 | 107 | 81 | 635 |
| 10 | 130 | 97 | 96 | 103 | 120 | 155 | 122 | 823 |
| 11 | 149 | 134 | 138 | 123 | 163 | 190 | 172 | 1069 |
| 12 | 176 | 141 | 136 | 156 | 155 | 197 | 240 | 1201 |
| 13 | 181 | 169 | 153 | 134 | 184 | 259 | 233 | 1313 |
| 14 | 196 | 201 | 199 | 189 | 201 | 251 | 276 | 1513 |
| 15 | 228 | 189 | 212 | 203 | 227 | 280 | 274 | 1613 |
| 16 | 248 | 235 | 243 | 239 | 272 | 259 | 271 | 1767 |
| 17 | 273 | 279 | 279 | 253 | 252 | 268 | 297 | 1901 |
| 18 | 241 | 196 | 247 | 218 | 207 | 261 | 279 | 1649 |
| 19 | 236 | 202 | 208 | 182 | 217 | 207 | 213 | 1465 |
| 20 | 195 | 201 | 180 | 203 | 220 | 215 | 206 | 1420 |
| 21 | 144 | 154 | 178 | 176 | 205 | 208 | 161 | 1226 |
| 22 | 130 | 119 | 126 | 146 | 216 | 195 | 156 | 1088 |
| 23 | 119 | 99 | 128 | 130 | 201 | 209 | 124 | 1010 |
| Totals | <u>3253</u> | <u>3012</u> | <u>3086</u> | <u>3086</u> | <u>3582</u> | <u>4165</u> | <u>4011</u> | <u>24195</u> |

Fixed Property use by Type of Fire — 1988

| TYPE OF FIRE | Public Assembly Property | Educational Property | Institutional Property | Residential Property | Shop, Office Property | Basic Industry Defence | Manufacturing Property | Storage Property | Special Property | Unclassified | Total |
|--|--------------------------------|-------------------------|---------------------------|-------------------------|-----------------------------|------------------------------|---------------------------|---------------------|---------------------|--------------|-------|
| Structure fire | 298 | 147 | 196 | 3620 | 558 | 66 | 340 | 362 | 246 | 137 | 5970 |
| Outside of a structure fire | 40 | 9 | 1 | 119 | 66 | 76 | 29 | 73 | 383 | 63 | 859 |
| Vehicle fire | 23 | 7 | 3 | 51 | 34 | 15 | 8 | 95 | 2138 | 894 | 3268 |
| Tree, bush, grass fire | 99 | 47 | 13 | 127 | 16 | 147 | 16 | 40 | 8555 | 207 | 9267 |
| Rubbish fire | 112 | 75 | 15 | 414 | 154 | 36 | 76 | 110 | 3396 | 222 | 4610 |
| Explosion, with no after fire | 2 | 1 | 1 | 12 | 1 | 3 | 2 | — | 8 | 9 | 39 |
| Outside spill, leak with ensuing fire | 2 | — | — | 13 | 5 | 3 | 3 | 5 | 43 | 21 | 95 |
| Fire, Explosion not classified above | 3 | — | 1 | 11 | 3 | 5 | 3 | 1 | 25 | 10 | 62 |
| Fire, Explosion insufficient information | 2 | — | 1 | 4 | 2 | 3 | 2 | — | 6 | 5 | 25 |
| TOTALS | 581 | 286 | 231 | 4371 | 839 | 354 | 479 | 686 | 14800 | 1568 | 24195 |

Fixed Property use by Ignition Factor (Cause) — 1988

| Ignition Factor | Public Assembly Property | Educational Property | Institutional Property | Residential Property | Shop, Office Property | Basic Industry Defence | Manufacturing Property | Storage Property | Special Property | Property Unclassified | Total |
|--------------------------------------|--------------------------------|-------------------------|---------------------------|-------------------------|-----------------------------|------------------------------|---------------------------|---------------------|---------------------|--------------------------|-------|
| Ignition Factor Undetermined | 77 | 34 | 16 | 442 | 90 | 63 | 65 | 153 | 2613 | 397 | 3950 |
| INCENDIARY | | | | | | | | | | | |
| Not during civil disturbance | 39 | 13 | 9 | 157 | 66 | 16 | 9 | 33 | 851 | 71 | 1264 |
| During civil disturbance | 1 | — | 1 | 6 | 1 | — | — | 4 | 6 | 1 | 20 |
| | 40 | 13 | 10 | 163 | 67 | 16 | 9 | 37 | 857 | 72 | 1284 |
| SUSPICIOUS | | | | | | | | | | | |
| Not during civil disturbance | 85 | 81 | 11 | 239 | 129 | 30 | 33 | 105 | 1264 | 233 | 2210 |
| During civil disturbance | 2 | — | — | 7 | 1 | — | — | 3 | 15 | 3 | 31 |
| | 87 | 81 | 11 | 246 | 130 | 30 | 33 | 108 | 1279 | 236 | 2241 |
| MISUSE OF HEAT OF IGNITION | | | | | | | | | | | |
| Insufficient information | 5 | — | — | 25 | 8 | — | 4 | 1 | 134 | 12 | 189 |
| Abandoned, discarded material | 43 | 12 | 21 | 225 | 92 | 24 | 24 | 50 | 1718 | 71 | 2280 |
| Thawing | — | — | 1 | 14 | — | — | — | — | — | — | 15 |
| Falling asleep | — | — | 5 | 132 | 1 | — | — | 1 | 1 | 3 | 143 |
| Inadequate control of open fire | 9 | 1 | 1 | 133 | 7 | 14 | 6 | 16 | 637 | 17 | 841 |
| Cutting, welding too close | 2 | 2 | 4 | 25 | 18 | 8 | 42 | 28 | 102 | 20 | 251 |
| Children 16 year and under playing | 93 | 57 | 11 | 201 | 57 | 36 | 9 | 60 | 4278 | 87 | 4889 |
| Mental or physical impairment | — | — | 11 | 12 | 1 | — | — | — | 24 | 2 | 50 |
| Not classified above | 19 | 7 | 3 | 217 | 13 | 2 | 5 | 7 | 288 | 15 | 576 |
| | 171 | 79 | 57 | 984 | 197 | 84 | 90 | 163 | 7182 | 227 | 9234 |
| MISUSE OF MATERIAL IGNITED | | | | | | | | | | | |
| Insufficient information | 4 | 1 | — | 6 | 2 | — | 1 | 1 | 8 | 1 | 24 |
| Fuel spilled, released accidentally | 4 | 2 | 1 | 25 | 4 | 1 | 7 | 11 | 86 | 38 | 179 |
| Improper fuelling technique | — | — | — | 6 | 1 | — | 4 | 1 | 1 | 6 | 19 |
| Flammable liquid used to kindle fire | 1 | — | 1 | 1 | — | — | — | 1 | 8 | 1 | 13 |
| Washing, cleaning, painting | — | — | — | 6 | 1 | 1 | 1 | 3 | 2 | 1 | 15 |
| Improper container | 2 | 1 | — | 21 | 1 | — | 4 | — | 63 | 5 | 97 |
| Combustible too close to heat | 12 | 4 | 8 | 147 | 14 | 5 | 14 | 12 | 33 | 12 | 261 |
| Improper storage | — | 1 | 1 | 19 | 2 | 1 | 4 | 4 | 19 | 3 | 54 |
| Children playing | 11 | 12 | 3 | 32 | 14 | 6 | — | 7 | 688 | 31 | 804 |
| Not classified above | 2 | 2 | — | 25 | 4 | 1 | 3 | 3 | 55 | 4 | 99 |
| | 36 | 23 | 14 | 288 | 43 | 15 | 38 | 43 | 963 | 102 | 1565 |

| Ignition Factor | Public Assembly Property | Educational Property | Institutional Property | Residential Property | Shop, Office Property | Basic Industry Defence | Manufacturing Property | Storage Property | Special Property | Property Unclassified | Total |
|--|--------------------------------|-------------------------|---------------------------|-------------------------|-----------------------------|------------------------------|---------------------------|---------------------|---------------------|--------------------------|-------|
| MECHANICAL FAILURE, MALFUNCTION | | | | | | | | | | | |
| Insufficient information | 2 | — | 2 | 24 | 3 | — | 3 | 2 | 28 | 6 | 70 |
| Part failure, leak, break | 12 | 1 | 8 | 82 | 20 | 9 | 17 | 10 | 215 | 88 | 462 |
| Automatic control failure | 2 | 1 | 1 | 21 | 4 | — | 11 | 1 | 1 | — | 42 |
| Manual control failure | — | — | — | 9 | 1 | — | — | — | 1 | — | 11 |
| Short-circuit, ground fault | 43 | 17 | 45 | 442 | 97 | 55 | 19 | 43 | 407 | 173 | 1341 |
| Other electrical failure | 11 | 9 | 15 | 171 | 46 | 14 | 21 | 25 | 54 | 26 | 392 |
| Lack of maintenance, worn out | 6 | 4 | 5 | 141 | 13 | 3 | 13 | 1 | 17 | 8 | 211 |
| Backfire | 3 | — | 1 | 6 | 1 | 1 | 2 | 6 | 131 | 48 | 199 |
| Not classified | 1 | — | 2 | 6 | 3 | 1 | 11 | 2 | 20 | 10 | 56 |
| | 80 | 32 | 79 | 902 | 188 | 83 | 97 | 90 | 874 | 359 | 2784 |
| DESIGN, CONSTRUCTION, INSTALLATION DEFICIENCY | | | | | | | | | | | |
| Insufficient information | 1 | — | — | 5 | — | — | — | 1 | 1 | 2 | 10 |
| Design deficiency | 1 | — | 1 | 8 | 3 | 1 | 2 | — | 10 | 2 | 28 |
| Construction deficiency | 1 | 1 | 1 | 40 | — | — | 2 | — | 6 | 2 | 53 |
| Installed too close to combustibles | 4 | — | 1 | 48 | — | 1 | 3 | 2 | 4 | 2 | 65 |
| Other installation deficiency | 2 | — | — | 12 | 2 | — | — | — | 4 | 1 | 21 |
| Property too close to heat source | 3 | — | 1 | 30 | 14 | 4 | 6 | 10 | 20 | 5 | 93 |
| Not classified | 2 | — | 1 | 9 | 1 | — | 1 | — | 2 | 1 | 17 |
| | 14 | 1 | 5 | 152 | 20 | 6 | 14 | 13 | 47 | 15 | 287 |
| OPERATIONAL DEFICIENCY | | | | | | | | | | | |
| Insufficient information | 2 | 1 | — | 19 | 1 | 1 | 3 | 1 | 7 | 1 | 36 |
| Collision, overturn, knockdown | 1 | — | — | 10 | 5 | 2 | — | 2 | 58 | 20 | 98 |
| Accidentally turned on | 6 | 2 | 3 | 110 | 7 | — | 3 | 2 | 1 | 4 | 138 |
| Unattended | 20 | 3 | 12 | 642 | 30 | 1 | 7 | 7 | 121 | 12 | 855 |
| Overloaded | 11 | 1 | 8 | 57 | 12 | 1 | 7 | 3 | 14 | 3 | 117 |
| Spontaneous heating | 4 | 3 | 4 | 50 | 8 | 7 | 30 | 27 | 76 | 6 | 215 |
| Improper startup, shutdown procedures | 2 | — | — | 18 | 6 | 1 | 8 | 1 | 10 | 2 | 48 |
| Not classified | 4 | — | 3 | 54 | 10 | 2 | 38 | 1 | 18 | 4 | 134 |
| | 50 | 10 | 30 | 960 | 79 | 15 | 96 | 44 | 305 | 52 | 1641 |

Fixed Property Use by Ignition Factor (Canada) 1988

| Ignition Factor | Public Assembly Property | Educational Property | Institutional Property | Residential Property | Shop, Office Property | Basic Industry Defence | Manufacturing Property | Storage Property | Special Property | Property Unclassified | Total |
|--------------------------------------|--------------------------------|-------------------------|---------------------------|-------------------------|-----------------------------|------------------------------|---------------------------|---------------------|---------------------|--------------------------|-------|
| NATURAL CONDITION | | | | | | | | | | | |
| Insufficient information | — | 1 | — | 1 | — | — | — | — | 16 | 1 | 19 |
| High wind | 1 | 2 | — | 1 | 1 | 8 | 5 | 3 | 41 | 5 | 67 |
| High water, including floods | — | — | — | 7 | — | — | — | — | — | — | 7 |
| Lightning | — | — | 1 | 18 | 1 | 7 | 1 | 1 | 17 | 4 | 50 |
| Not classified | 2 | — | — | 17 | 1 | 4 | 1 | 2 | 14 | 6 | 47 |
| | 3 | 3 | 1 | 44 | 3 | 19 | 7 | 6 | 88 | 16 | 190 |
| OTHER IGNITION FACTOR | | | | | | | | | | | |
| Animal | — | — | — | 2 | — | — | — | — | 3 | — | 5 |
| Rekindled from a previous fire | 9 | 6 | — | 20 | 5 | 12 | 14 | 13 | 238 | 10 | 327 |
| Other ignition factor not classified | 14 | 4 | 8 | 168 | 17 | 11 | 16 | 16 | 351 | 82 | 687 |
| | 23 | 10 | 8 | 190 | 22 | 23 | 30 | 29 | 592 | 92 | 1019 |
| TOTALS | 581 | 286 | 231 | 4371 | 839 | 354 | 479 | 686 | 14800 | 1568 | 24195 |

Type of Fire by Local Government Area — 1988

| LOCAL GOVERNMENT AREA | Structure Fire | Outside Structure | Vehicle Fire | Bush/ Grass | Rubbish Fire | Other Fires | Total Fires |
|-----------------------|-------------------|----------------------|-----------------|----------------|-----------------|----------------|----------------|
| Leichhardt | 106 | 14 | 67 | 40 | 82 | 3 | 312 |
| Marrickville | 105 | 10 | 97 | 62 | 103 | 4 | 381 |
| Randwick | 109 | 11 | 46 | 67 | 66 | 8 | 307 |
| Sydney | 476 | 39 | 165 | 52 | 307 | 24 | 1063 |
| Waverley | 77 | 7 | 22 | 13 | 38 | 3 | 160 |
| Woollahra | 59 | 11 | 21 | 8 | 42 | — | 141 |
| Ashfield | 42 | 4 | 25 | 22 | 43 | — | 136 |
| Burwood | 23 | 6 | 11 | 8 | 24 | — | 72 |
| Concord | 25 | 1 | 25 | 14 | 15 | 1 | 81 |
| Drummoyne | 15 | 5 | 15 | 6 | 22 | 2 | 65 |
| Strathfield | 30 | 5 | 25 | 20 | 9 | — | 89 |
| Bankstown | 150 | 23 | 126 | 199 | 173 | 3 | 674 |
| Botany | 71 | 9 | 39 | 46 | 37 | 5 | 207 |
| Canterbury | 148 | 8 | 95 | 88 | 128 | 10 | 477 |
| Hurstville | 84 | 18 | 39 | 67 | 72 | 4 | 284 |
| Kogarah | 54 | 8 | 25 | 37 | 45 | — | 169 |
| Rockdale | 82 | 6 | 64 | 80 | 54 | 2 | 288 |
| Sutherland | 149 | 38 | 71 | 218 | 177 | 4 | 657 |
| Camden | 21 | 3 | 15 | 16 | 7 | — | 62 |
| Campbelltown | 146 | 41 | 188 | 793 | 274 | 2 | 1444 |
| Liverpool | 118 | 22 | 109 | 267 | 165 | 2 | 683 |
| Wollondilly | 15 | 1 | 4 | 12 | 11 | 3 | 46 |
| Auburn | 92 | 16 | 48 | 90 | 70 | 5 | 321 |
| Baulkham Hills | 65 | 10 | 27 | 57 | 48 | 3 | 210 |
| Blacktown | 208 | 34 | 211 | 491 | 315 | 5 | 1264 |
| Blue Mountains | 67 | 4 | 32 | 164 | 62 | 9 | 338 |
| Hawkesbury | 37 | 12 | 25 | 44 | 22 | — | 140 |
| Fairfield | 221 | 34 | 150 | 182 | 213 | 6 | 806 |
| Holroyd | 64 | 10 | 35 | 80 | 103 | 3 | 295 |
| Parramatta | 202 | 31 | 84 | 192 | 159 | 4 | 672 |
| Penrith | 149 | 44 | 127 | 403 | 185 | 7 | 915 |
| Hornsby | 77 | 13 | 46 | 76 | 66 | 4 | 282 |
| Hunters Hill | 13 | 2 | 2 | 2 | 12 | 1 | 32 |
| Ku-ring-gai | 52 | 6 | 19 | 34 | 20 | 2 | 133 |
| Lane Cove | 45 | 7 | 16 | 21 | 25 | — | 114 |
| Manly | 53 | 6 | 11 | 16 | 18 | 1 | 105 |
| Mosman | 29 | 3 | 15 | 8 | 10 | 1 | 66 |
| North Sydney | 86 | 14 | 30 | 30 | 39 | 2 | 201 |
| Ryde | 90 | 15 | 37 | 47 | 57 | 1 | 247 |
| Warringah | 135 | 30 | 61 | 158 | 92 | 5 | 481 |
| Willoughby | 54 | 5 | 32 | 21 | 31 | 1 | 144 |
| Gosford | 115 | 12 | 53 | 258 | 62 | 2 | 502 |
| Wyang | 57 | 10 | 35 | 138 | 32 | 6 | 278 |
| Cessnock. Greater | 28 | 9 | 19 | 342 | 39 | 3 | 440 |
| Lake Macquarie | 143 | 24 | 74 | 1010 | 100 | 5 | 1356 |
| Maitland | 29 | 6 | 12 | 154 | 38 | 2 | 241 |
| Newcastle | 215 | 33 | 75 | 357 | 159 | 6 | 845 |
| Port Stephens | 13 | 5 | 13 | 34 | 8 | 1 | 74 |
| Denman | 3 | — | — | 2 | — | — | 5 |
| Dungog | 6 | — | 1 | 5 | — | — | 12 |
| Gloucester | 8 | — | — | — | — | 1 | 9 |
| Great Lakes | 7 | — | 6 | 5 | — | — | 18 |
| Merriwa | 2 | — | 1 | — | — | — | 3 |

| LOCAL GOVERNMENT AREA | Structure Fire | Outside Structure | Vehicle Fire | Bush/ Grass | Rubbish Fire | Other Fires | Total Fires |
|-----------------------|-------------------|----------------------|-----------------|----------------|-----------------|----------------|----------------|
| Murrurundi | 6 | — | 2 | 5 | — | — | 13 |
| Muswellbrook | 6 | 1 | 12 | 9 | 8 | 1 | 37 |
| Scone | 6 | 3 | 7 | 9 | — | 2 | 27 |
| Singleton | 9 | 2 | 8 | 21 | 4 | 3 | 47 |
| Kiama | 9 | 3 | 4 | 29 | 4 | — | 49 |
| Shellharbour | 31 | 3 | 19 | 154 | 29 | — | 236 |
| Wollongong | 187 | 38 | 113 | 582 | 242 | 6 | 1168 |
| Shoalhaven | 33 | 2 | 10 | 106 | 9 | 1 | 161 |
| Wingecaribee | 28 | 6 | 20 | 40 | 11 | 2 | 107 |
| Ballina | 13 | 4 | 3 | 13 | 5 | — | 38 |
| Byron/Mullumbimby | 8 | 4 | 8 | 15 | 3 | — | 38 |
| Casino | 11 | 2 | — | 8 | 1 | — | 22 |
| Kyogle | 2 | 2 | 3 | 15 | 1 | 1 | 24 |
| Lismore | 32 | 1 | 8 | 18 | 6 | — | 65 |
| Richmond River | 6 | — | 1 | 6 | 1 | — | 14 |
| Tweed | 20 | 4 | 24 | 44 | 12 | 1 | 105 |
| Bellingen | 4 | 2 | 4 | 14 | 3 | — | 27 |
| Coffs Harbour | 40 | 8 | 14 | 83 | 25 | 3 | 173 |
| Copmanhurst | 1 | — | 1 | — | — | — | 2 |
| Grafton | 16 | 2 | 11 | 18 | 3 | — | 50 |
| Maclean | 3 | 1 | — | 9 | 1 | — | 14 |
| Nambucca | 4 | — | 2 | 8 | — | — | 14 |
| Ulmarra | — | — | 1 | — | — | — | 1 |
| Hastings | 31 | 5 | 14 | 86 | 15 | 3 | 154 |
| Kempsey | 13 | 2 | 6 | 54 | 3 | — | 78 |
| Manning | 1 | — | — | 2 | — | — | 3 |
| Taree | 20 | 2 | 5 | 19 | 7 | 1 | 54 |
| Tamworth | 43 | 2 | 14 | 40 | 15 | 1 | 115 |
| Barraba | 2 | — | — | 2 | 1 | — | 5 |
| Bingara | 1 | — | — | 2 | 1 | — | 4 |
| Gunnedah | 6 | 1 | 4 | 10 | 1 | — | 22 |
| Manilla | 3 | — | 2 | 16 | — | — | 21 |
| Parry | 7 | — | 3 | 8 | — | — | 18 |
| Quirindi | 14 | — | 4 | 11 | — | — | 29 |
| Yallaroi | 2 | — | — | 11 | — | 1 | 14 |
| Inverell | 17 | 3 | 3 | 21 | — | — | 44 |
| Armidale | 34 | 2 | 15 | 12 | 8 | 1 | 72 |
| Dumaresq | 1 | — | 2 | 4 | 1 | — | 8 |
| Glen Innes | 15 | — | 3 | 17 | 2 | — | 37 |
| Guyra | 4 | 1 | — | — | — | — | 5 |
| Severn | 2 | — | 1 | 1 | — | 1 | 5 |
| Tenterfield | 6 | — | 6 | 3 | — | — | 15 |
| Uralla | 2 | — | 1 | 4 | — | 1 | 8 |
| Walcha | 5 | — | 3 | 2 | — | — | 10 |
| Narrabri | 11 | 1 | 7 | 59 | 1 | — | 79 |
| Moree | 18 | 1 | 3 | 97 | 9 | — | 128 |
| Coolah | 1 | — | 2 | 1 | — | — | 4 |
| Coonabarabran | 4 | — | 3 | 1 | 1 | — | 9 |
| Dubbo | 47 | 1 | 18 | 74 | 45 | — | 185 |
| Gilgandra | 6 | — | 3 | 10 | — | — | 19 |
| Mudgee | 13 | 1 | 5 | 12 | 6 | — | 37 |
| Narromine | 5 | — | 6 | 6 | 7 | 1 | 25 |
| Wellington | 8 | — | 4 | 6 | 2 | — | 20 |
| Bogan | 4 | — | — | 5 | — | — | 9 |
| Coonamble | 1 | — | 3 | 47 | 1 | — | 52 |
| Walgett | 4 | 1 | 6 | 11 | 1 | — | 23 |
| Warren | 7 | — | 7 | 11 | 3 | 1 | 29 |

| LOCAL GOVERNMENT AREA | Structure Fire | Outside Structure | Vehicle Fire | Bush/ Grass | Rubbish Fire | Other Fires | Total Fires |
|-----------------------|-------------------|----------------------|-----------------|----------------|-----------------|----------------|----------------|
| Bourke | 17 | 1 | 6 | 49 | 6 | — | 79 |
| Brewarrina | 4 | — | — | 9 | — | — | 13 |
| Cobar | 6 | — | 1 | 5 | 2 | — | 14 |
| Bathurst | 47 | 4 | 7 | 17 | 11 | 1 | 87 |
| Orange | 52 | 5 | 16 | 37 | 22 | 1 | 133 |
| Lithgow Greater | 33 | — | 10 | 46 | 6 | — | 95 |
| Oberon | 3 | — | 1 | 2 | — | — | 6 |
| Rylstone | 7 | — | — | 5 | — | — | 12 |
| Evans | 2 | — | 3 | — | 1 | — | 6 |
| Bland | 5 | 1 | 5 | 11 | 5 | — | 27 |
| Cowra | 17 | 4 | 6 | 28 | 6 | — | 61 |
| Forbes | 10 | — | 3 | 19 | 3 | 1 | 36 |
| Lachlan | 18 | 1 | 6 | 19 | — | — | 44 |
| Parkes | 11 | 4 | 4 | 21 | 5 | — | 45 |
| Cabonne/Molong | 20 | — | 3 | 15 | 4 | 1 | 43 |
| Queanbeyan | 54 | 1 | 15 | 20 | 35 | 1 | 126 |
| Boorowa | 3 | — | 4 | 2 | 1 | — | 10 |
| Crookwell | 2 | — | 1 | — | — | — | 3 |
| Goulburn | 27 | 4 | 15 | 11 | 13 | — | 70 |
| Gunning | — | — | 3 | — | — | — | 3 |
| Harden | 4 | 2 | 4 | 2 | 1 | 1 | 14 |
| Mulwaree | 1 | — | 1 | — | — | — | 2 |
| Tallanganda | 2 | — | 2 | 1 | — | — | 5 |
| Yarrowlumla | 1 | — | 1 | 3 | 2 | — | 7 |
| Yass | 9 | 1 | 4 | 16 | — | — | 30 |
| Young | 6 | — | 1 | 12 | 2 | — | 21 |
| Eurobodalla | 11 | 2 | 3 | 23 | — | 1 | 40 |
| Bega Valley | 17 | — | 3 | 18 | 4 | — | 42 |
| Cooma-Monaro | 2 | 1 | — | 7 | 3 | 1 | 14 |
| Wagga Wagga | 58 | 5 | 24 | 79 | 25 | — | 191 |
| Coolamon | 2 | — | — | 3 | — | — | 5 |
| Cootamundra | 12 | — | 3 | 9 | 2 | — | 26 |
| Gundagai | 6 | — | 9 | 3 | 3 | — | 21 |
| Junee | 9 | 2 | 3 | 10 | 4 | 1 | 29 |
| Lockhart | 1 | — | — | 1 | — | — | 2 |
| Narrandera | 9 | — | 5 | 16 | 3 | 3 | 36 |
| Temora | 6 | 2 | 8 | 19 | — | — | 35 |
| Tumut | 8 | — | 1 | 10 | 2 | — | 21 |
| Carrathool | 3 | — | — | 5 | 1 | — | 9 |
| Hay | 7 | 1 | 5 | 6 | — | — | 19 |
| Leeton | 10 | 2 | 4 | 13 | — | — | 29 |
| Griffith | 14 | 5 | 13 | 76 | 5 | 1 | 114 |
| Albury | 43 | 5 | 17 | 81 | 26 | 4 | 176 |
| Hume | 2 | — | — | 1 | — | — | 3 |
| Corowa | 11 | 2 | 4 | 11 | 3 | 1 | 32 |
| Culcairn | 3 | 1 | — | 4 | 1 | — | 9 |
| Holbrook | — | — | 2 | — | — | — | 2 |
| Berrigan | 9 | 1 | 8 | 7 | 4 | 2 | 31 |
| Deniliquin | 16 | — | 5 | 21 | 4 | 1 | 47 |
| Jerilderie | 2 | — | — | — | — | — | 2 |
| Murray | 8 | — | 1 | 19 | — | — | 28 |
| Wakool | 1 | 1 | — | 2 | — | 1 | 5 |
| Balranald | 1 | — | — | 1 | 1 | 1 | 4 |
| Wentworth | 2 | 1 | 3 | 4 | 1 | — | 11 |
| Broken Hill | 33 | 4 | 6 | 41 | 16 | 1 | 101 |
| TOTALS | 5970 | 859 | 3268 | 9267 | 4610 | 221 | 24195 |

Dollar Damage due to fires by Local Government Area — 1988

| Local Government Area | \$0 to \$99 | \$100 to \$999 | \$1000 to \$9999 | \$10000 to \$24999 | \$25000 to \$49999 | \$50000 to \$249999 | \$250000 to \$999999 | \$1000000 to \$5000000 | over \$5000000 | Undeter- mined | Total |
|-----------------------|-------------------|----------------------|------------------------|--------------------------|--------------------------|---------------------------|----------------------------|------------------------------|-------------------|-------------------|-------|
| Leichhardt | 113 | 52 | 57 | 10 | 2 | — | — | — | 1 | 77 | 312 |
| Marrickville | 127 | 50 | 78 | 23 | 6 | 3 | 1 | — | 1 | 92 | 381 |
| Randwick | 63 | 50 | 47 | 6 | 1 | 2 | — | 1 | 3 | 134 | 307 |
| Sydney | 367 | 177 | 185 | 30 | 10 | 15 | 1 | 3 | 4 | 271 | 1063 |
| Waverley | 59 | 28 | 31 | 8 | — | 1 | — | — | 1 | 32 | 160 |
| Woollahra | 36 | 32 | 31 | 5 | 1 | 1 | — | — | — | 35 | 141 |
| Ashfield | 75 | 18 | 15 | 6 | 1 | — | — | — | 2 | 19 | 136 |
| Burwood | 31 | 18 | 11 | 1 | 1 | — | — | — | — | 10 | 72 |
| Concord | 30 | 15 | 22 | 3 | 2 | 2 | — | — | 1 | 6 | 81 |
| Drummoyne | 25 | 17 | 13 | 1 | — | — | — | — | — | 9 | 65 |
| Strathfield | 27 | 16 | 26 | 3 | — | 3 | — | — | — | 14 | 89 |
| Bankstown | 330 | 78 | 122 | 22 | 9 | 8 | 2 | 1 | — | 102 | 674 |
| Botany | 40 | 31 | 34 | 10 | 1 | — | — | — | 3 | 88 | 207 |
| Canterbury | 174 | 70 | 104 | 16 | 6 | 3 | — | 1 | 2 | 101 | 477 |
| Hurstville | 118 | 46 | 39 | 10 | 1 | 7 | 1 | — | — | 62 | 284 |
| Kogarah | 79 | 35 | 24 | 3 | 1 | 4 | — | — | — | 23 | 169 |
| Rockdale | 119 | 36 | 67 | 11 | 2 | 3 | — | — | — | 50 | 288 |
| Sutherland | 358 | 64 | 91 | 21 | 3 | 10 | — | — | 3 | 107 | 657 |
| Camden | 22 | 13 | 17 | 5 | 2 | — | — | — | — | 3 | 62 |
| Campbelltown | 936 | 87 | 150 | 31 | 13 | 3 | — | 1 | — | 223 | 1444 |
| Liverpool | 359 | 62 | 77 | 18 | 5 | 10 | 3 | — | — | 149 | 683 |
| Wollondilly | 19 | 3 | 6 | 2 | 3 | — | 1 | — | — | 12 | 46 |
| Auburn | 140 | 43 | 48 | 18 | 4 | 3 | 4 | — | — | 61 | 321 |
| Baulkham Hills | 90 | 37 | 37 | 10 | 1 | 2 | 1 | — | — | 32 | 210 |
| Blacktown | 718 | 105 | 201 | 41 | 16 | 3 | — | — | 4 | 176 | 1264 |
| Blue Mountains | 236 | 22 | 41 | 4 | 2 | 1 | — | — | — | 32 | 338 |
| Hawkesbury | 73 | 19 | 23 | 6 | 2 | 2 | 1 | — | — | 14 | 140 |
| Fairfield | 306 | 99 | 151 | 64 | 15 | 10 | 1 | 1 | 1 | 158 | 806 |
| Holroyd | 171 | 35 | 46 | 4 | 2 | — | — | — | — | 37 | 295 |
| Parramatta | 302 | 89 | 88 | 28 | 7 | 9 | 2 | 2 | 2 | 143 | 672 |
| Penrith | 547 | 100 | 109 | 29 | 9 | 5 | — | — | 1 | 115 | 915 |
| Hornsby | 106 | 42 | 52 | 9 | 2 | 3 | 3 | — | 1 | 64 | 282 |
| Hunters Hill | 11 | 4 | 10 | — | — | — | — | — | — | 7 | 32 |
| Ku-ring-gai | 44 | 17 | 27 | 2 | — | 2 | — | — | — | 41 | 133 |
| Lane Cove | 31 | 19 | 22 | 8 | — | 4 | — | — | — | 30 | 114 |
| Manly | 30 | 25 | 20 | 1 | — | 4 | — | — | — | 25 | 105 |
| Mosman | 20 | 4 | 18 | 3 | 4 | — | 1 | — | — | 16 | 66 |
| North Sydney | 64 | 40 | 40 | 4 | 4 | 1 | — | — | 1 | 47 | 201 |
| Ryde | 85 | 52 | 37 | 5 | 3 | 1 | — | 1 | — | 63 | 247 |
| Warringah | 162 | 70 | 68 | 9 | 5 | 4 | — | — | — | 163 | 481 |
| Willoughby | 37 | 32 | 32 | 5 | 4 | — | — | — | — | 34 | 144 |
| Gosford | 214 | 54 | 57 | 16 | 7 | 7 | 1 | — | — | 146 | 502 |
| Wyong | 128 | 27 | 39 | 4 | 7 | 3 | — | — | — | 70 | 278 |
| Cessnock, Greater | 203 | 9 | 12 | 2 | — | — | — | — | 1 | 213 | 440 |
| Lake Macquarie | 888 | 66 | 77 | 21 | 6 | 7 | — | — | 2 | 289 | 1356 |
| Maitland | 103 | 10 | 14 | 2 | 2 | 4 | — | 1 | — | 105 | 241 |
| Newcastle | 387 | 98 | 75 | 14 | 15 | 6 | 3 | — | 2 | 245 | 845 |
| Port Stephens | 14 | 5 | 6 | 1 | 1 | 2 | 1 | — | 1 | 43 | 74 |
| Denman | — | — | 1 | — | — | 1 | — | — | — | 3 | 5 |
| Dungog | 7 | 2 | — | 1 | — | — | — | — | — | 2 | 12 |
| Gloucester | — | 2 | 3 | — | — | 1 | — | — | — | 3 | 9 |
| Great Lakes | 4 | 4 | 3 | 2 | — | — | — | 1 | — | 4 | 18 |
| Merriwa | — | — | 1 | 1 | — | 1 | — | — | — | — | 3 |

| Local Government Area | \$0 to \$99 | \$100 to \$999 | \$1000 to \$9999 | \$10000 to \$24999 | \$25000 to \$49999 | \$50000 to \$249999 | \$250000 to \$999999 | \$1000000 to \$5000000 | over \$5000000 | Undeter- mined | Total |
|-----------------------|-------------------|----------------------|------------------------|--------------------------|--------------------------|---------------------------|----------------------------|------------------------------|-------------------|-------------------|-------|
| Murrurundi | 3 | 1 | 2 | — | 1 | — | — | — | — | 6 | 13 |
| Muswellbrook | 15 | 4 | 9 | 1 | 1 | 1 | 1 | — | — | 5 | 37 |
| Scone | 2 | 1 | 4 | 2 | — | 1 | — | — | — | 17 | 27 |
| Singleton | 20 | 4 | 9 | — | 1 | — | 1 | — | — | 12 | 47 |
| Kiama | 31 | 2 | 8 | — | — | — | — | — | — | 8 | 49 |
| Shellharbour | 120 | 14 | 13 | 3 | 2 | 4 | — | — | 2 | 78 | 236 |
| Wollongong | 769 | 91 | 110 | 21 | 11 | 4 | 2 | — | 4 | 156 | 1168 |
| Shoalhaven | 25 | 12 | 11 | 1 | 2 | 3 | — | — | — | 107 | 161 |
| Wingecaribee | 57 | 9 | 12 | 5 | 2 | 4 | — | — | 1 | 17 | 107 |
| Ballina | 4 | 5 | 7 | 1 | — | — | — | — | — | 21 | 38 |
| Byron/Mullumbimby | 6 | 5 | 4 | 1 | — | — | — | — | — | 22 | 38 |
| Casino | 5 | 5 | 2 | 2 | 1 | — | — | — | — | 7 | 22 |
| Kyogle | 6 | — | — | — | — | — | — | — | — | 18 | 24 |
| Lismore | 17 | 14 | 10 | — | 2 | — | — | — | — | 22 | 65 |
| Richmond River | 1 | — | 2 | — | 3 | — | — | — | — | 8 | 14 |
| Tweed | 14 | 8 | 16 | 2 | 1 | 1 | — | — | — | 63 | 105 |
| Bellingen | 14 | 4 | 3 | 3 | — | 1 | — | — | — | 2 | 27 |
| Coffs Harbour | 102 | 20 | 17 | 3 | — | 3 | 1 | — | — | 27 | 173 |
| Copmanhurst | 1 | — | 1 | — | — | — | — | — | — | — | 2 |
| Grafton | 15 | 5 | 8 | 1 | 1 | — | — | — | 1 | 19 | 50 |
| Maclean | 1 | — | 2 | 1 | — | — | — | — | — | 10 | 14 |
| Nambucca | 10 | 1 | 1 | — | 1 | 1 | — | — | — | — | 14 |
| Ulmarra | — | — | 1 | — | — | — | — | — | — | — | 1 |
| Hastings | 96 | 16 | 14 | 2 | 1 | 1 | — | — | — | 24 | 154 |
| Kempsey | 31 | 7 | 5 | 5 | — | 1 | — | — | — | 29 | 78 |
| Manning | — | — | — | — | — | 1 | — | — | — | 2 | 3 |
| Taree | 22 | 8 | 2 | 1 | — | 2 | — | — | — | 19 | 54 |
| Tamworth | 31 | 18 | 19 | 2 | 3 | 4 | — | 1 | — | 37 | 115 |
| Barraba | — | — | — | — | — | — | — | — | — | 5 | 5 |
| Bingara | — | — | — | — | — | — | — | — | — | 4 | 4 |
| Gunnedah | 3 | 1 | 3 | 1 | — | — | — | — | — | 14 | 22 |
| Manilla | 12 | — | 1 | 1 | — | — | — | — | — | 7 | 21 |
| Parry | 2 | 1 | 1 | — | — | 1 | 2 | — | — | 11 | 18 |
| Quirindi | 7 | 4 | 4 | — | 1 | 1 | — | — | — | 12 | 29 |
| Yallaroi | 4 | — | 1 | — | — | — | — | — | — | 9 | 14 |
| Inverell | 11 | 13 | 7 | — | — | — | — | — | — | 13 | 44 |
| Armidale | 37 | 3 | 2 | — | 1 | — | — | — | — | 29 | 72 |
| Dumaresq | 1 | — | 1 | — | — | — | — | — | — | 6 | 8 |
| Glen Innes | 9 | 8 | 2 | 1 | — | 1 | — | — | — | 16 | 37 |
| Guyra | 2 | — | — | — | — | — | — | — | — | 3 | 5 |
| Severn | 1 | — | — | 2 | 1 | — | — | — | — | 1 | 5 |
| Tenterfield | 2 | 1 | 6 | 1 | — | 1 | — | — | — | 4 | 15 |
| Uralla | 3 | — | 1 | — | — | — | — | — | — | 4 | 8 |
| Walcha | 4 | 1 | 2 | — | — | 2 | — | — | — | 1 | 10 |
| Narrabri | 11 | 3 | 11 | — | 1 | — | — | — | — | 53 | 79 |
| Moree | 29 | 3 | 6 | 4 | 1 | 1 | — | — | — | 84 | 128 |
| Coolah | — | — | — | — | — | 1 | — | — | — | 3 | 4 |
| Coonabarabran | 3 | — | 2 | — | — | 1 | 1 | — | — | 2 | 9 |
| Dubbo | 121 | 19 | 14 | 1 | 1 | 2 | — | — | — | 27 | 185 |
| Gilgandra | 10 | 2 | 1 | — | 1 | 1 | — | — | — | 4 | 19 |
| Mudgee | 10 | 8 | 1 | — | 1 | 1 | — | — | — | 16 | 37 |
| Narromine | 7 | 2 | 4 | — | 1 | — | — | — | — | 11 | 25 |
| Wellington | 6 | — | 4 | — | — | 1 | — | — | — | 9 | 20 |
| Bogan | 2 | — | 1 | — | — | — | — | — | — | 6 | 9 |
| Coonamble | — | 1 | 2 | — | — | — | — | — | — | 49 | 52 |
| Walgett | 13 | 1 | 3 | 1 | 1 | — | — | — | — | 4 | 23 |
| Warren | 13 | — | 9 | — | 1 | — | — | — | — | 6 | 29 |

| Local Government Area | \$0 to \$99 | \$100 to \$999 | \$1000 to \$9999 | \$10000 to \$24999 | \$25000 to \$49999 | \$50000 to \$249999 | \$250000 to \$999999 | \$1000000 to \$5000000 | over \$5000000 | Undeter- mined | Total |
|-----------------------|-------------------|----------------------|------------------------|--------------------------|--------------------------|---------------------------|----------------------------|------------------------------|-------------------|-------------------|--------------|
| Bourke | 42 | 2 | 3 | — | 2 | 2 | — | — | — | 28 | 79 |
| Brewarrina | 8 | — | 1 | 1 | — | 1 | — | — | — | 2 | 13 |
| Cobar | — | 2 | 2 | — | — | — | — | — | — | 10 | 14 |
| Bathurst | 47 | 15 | 14 | 1 | 1 | 3 | 1 | — | — | 5 | 87 |
| Orange | 29 | 18 | 19 | 2 | — | 2 | 1 | — | — | 62 | 133 |
| Lithgow Greater | 38 | 14 | 8 | 2 | 2 | — | — | — | — | 31 | 95 |
| Oberon | 2 | — | 2 | — | 1 | — | — | — | — | 1 | 6 |
| Rylstone | 4 | 1 | — | — | 2 | — | — | — | — | 5 | 12 |
| Evans | — | 1 | 2 | 1 | — | 1 | — | — | — | 1 | 6 |
| Bland | 18 | 1 | 1 | 4 | 1 | — | — | — | — | 2 | 27 |
| Cowra | 15 | 7 | 8 | — | 1 | — | — | — | — | 30 | 61 |
| Forbes | 9 | 4 | 5 | — | — | 2 | — | — | — | 16 | 36 |
| Lachlan | 17 | 3 | 7 | 4 | 1 | 2 | — | — | — | 10 | 44 |
| Parkes | 28 | 1 | 6 | 1 | — | 2 | — | — | — | 7 | 45 |
| Cabonne/Molong | 20 | 4 | 1 | 2 | 4 | 1 | — | — | — | 11 | 43 |
| Queanbeyan | 24 | 23 | 27 | 3 | 2 | 1 | — | — | — | 46 | 126 |
| Boorowa | 2 | 1 | 4 | — | — | 1 | — | — | — | 2 | 10 |
| Crookwell | — | 1 | 1 | — | 1 | — | — | — | — | — | 3 |
| Goulburn | 21 | 16 | 7 | 3 | — | — | — | — | — | 23 | 70 |
| Gunning | — | — | — | 1 | — | — | — | — | — | 2 | 3 |
| Harden | 1 | 3 | 5 | 1 | — | — | — | — | — | 4 | 14 |
| Mulwaree | 1 | — | — | — | — | 1 | — | — | — | — | 2 |
| Tallanganda | 1 | 1 | — | — | — | — | — | — | — | 3 | 5 |
| Yarrowlumla | 2 | — | 1 | — | 1 | 1 | — | — | 1 | 1 | 7 |
| Yass | 9 | 2 | 1 | — | — | — | — | — | — | 18 | 30 |
| Young | 9 | 1 | 1 | 1 | — | — | — | — | — | 9 | 21 |
| Eurobodalla | 18 | 6 | 4 | — | — | — | — | — | — | 12 | 40 |
| Bega Valley | 15 | 2 | 5 | 2 | 1 | 2 | — | — | — | 15 | 42 |
| Cooma-Monaro | 9 | — | 1 | — | — | 1 | — | — | — | 3 | 14 |
| Wagga Wagga | 24 | 32 | 17 | 7 | — | 3 | — | — | 3 | 105 | 191 |
| Coolamon | — | — | — | 1 | 1 | — | — | — | — | 3 | 5 |
| Cootamundra | 1 | 1 | 2 | 1 | — | — | — | — | — | 21 | 26 |
| Gundagai | 1 | 3 | 2 | 2 | — | 3 | — | — | — | 10 | 21 |
| Junee | 7 | — | 1 | 2 | — | — | — | — | — | 19 | 29 |
| Lockhart | — | — | — | — | — | — | — | — | — | 2 | 2 |
| Narrandera | 12 | — | 2 | — | 1 | — | — | — | — | 21 | 36 |
| Temora | 7 | — | — | — | — | — | — | — | — | 28 | 35 |
| Tumut | 2 | 4 | — | 1 | — | — | — | — | — | 14 | 21 |
| Carrathool | 5 | 3 | — | — | — | — | — | — | — | 1 | 9 |
| Hay | 2 | 2 | — | 5 | — | — | — | — | — | 10 | 19 |
| Leeton | 5 | 3 | 6 | 1 | 3 | 1 | — | — | — | 10 | 29 |
| Griffith | 48 | 11 | 16 | 1 | — | 3 | — | — | — | 35 | 114 |
| Albury | 93 | 23 | 18 | 3 | 1 | 1 | — | — | 1 | 36 | 176 |
| Hume | 2 | — | — | — | 1 | — | — | — | — | — | 3 |
| Corowa | 15 | 3 | 6 | — | 1 | — | — | — | — | 7 | 32 |
| Culcairn | — | 1 | 1 | 1 | — | — | — | — | — | 6 | 9 |
| Holbrook | — | — | 1 | — | — | — | — | — | — | 1 | 2 |
| Berrigan | 8 | 7 | 7 | 1 | — | 2 | — | — | — | 6 | 31 |
| Deniliquin | 32 | 3 | 4 | — | — | — | — | — | — | 8 | 47 |
| Jerilderie | — | — | 2 | — | — | — | — | — | — | — | 2 |
| Murray | 7 | — | — | 1 | — | 2 | — | — | — | 18 | 28 |
| Wakool | 1 | — | — | 1 | — | — | — | — | — | 3 | 5 |
| Balranald | 2 | 1 | — | — | — | — | — | — | — | 1 | 4 |
| Wentworth | 1 | 3 | — | — | — | 1 | — | — | — | 6 | 11 |
| Broken Hill | 41 | 15 | 9 | 4 | 3 | 1 | — | — | — | 28 | 101 |
| TOTALS | 11074 | 2698 | 3216 | 689 | 263 | 247 | 37 | 14 | 50 | 5907 | 24195 |

TABLE 5

N.S.W. GOVERNMENT PROGRAM EVALUATION

The Board continued with the evaluation of programs initiated in 1988.

Progress reports against each of the programs are given below.

Ongoing Programs in 1988

Program 1 — Standard of Fire Suppression

The first phase of this review has resulted in the de-commissioning of a number of appliances at Headquarters Fire Station, and for the resources released to be deployed to new fire stations to be established in the Outer Sydney Metropolitan Area.

A Planning and Management Review Unit comprised of operational and other professional staff has been established, which will have the ongoing responsibility for reviewing the location and weight of attack of fire stations throughout New South Wales.

A further objective of this unit will be to examine the balance of service between firefighting and fire prevention.

The Board is in receipt of an interim report which details an immediate option for further rationalisation and several long-term options which are to be further investigated.

A significant aspect of this relocation of resources is the planned move of the Headquarters Fire Station within the Central Business District to another location. This relocation will create a 'ripple' effect in the relocation of a number of fire stations, particularly in the inner suburbs of Sydney. Specifically, the immediately affected stations are expected to be The Rocks and Redfern, with the possible reduction in the number of stations without affecting the level of fire cover.

Program 2 — Division of Fire Investigation (Phase 1)

The Fire Investigation Unit has been established. The primary function of this Unit is to establish the cause of fires, and work closely with the Arson Squads of the Police Department. The Fire Investigation Unit has made major submissions to the Public Accounts Committee on arson in public buildings.

Whilst it is not possible to quantify the cost saving from the results of investigations carried out, it is clear that the number of incidents of motor vehicle arson has reduced over the years. This is indicated elsewhere in the Report. However, there has been an overall increase in the incidence of arson, which may well have been a result of improved investigation and identification rather than an overall increase in the actual crime.

Program 3 — Fire Prevention Training Course

A series of formal training programs has been carried out during the year, and a total of twelve Officers attended. A result of the programs was that new staff became effective in a short period of time lessening the effect on output caused by staff turnover, thus resulting in a high level of productivity throughout the year.

There are a number of other programs being initiated for evaluation, and these will be reported upon in future Annual Reports.

TABLE 6

STAFFING LEVELS

NUMBER OF EMPLOYEES, BY CATEGORY, WITH COMPARISON TO 1986 AND 1987 STAFF AS AT 31 DECEMBER 1988

| | 1986 | ACTUAL 1987 | 1988 | AUTHORISED 1987 | 1988 |
|---|-------------|----------------|-------------|--------------------|-------------|
| PERMANENT BRIGADE | | | | | |
| Chief Officer | 1 | 1 | 1 | 1 | 1 |
| Deputy Chief Officers | 2 | 2 | 2 | 2 | 2 |
| Superintendents | 8 | 8 | 9 | 8 | 9 |
| Inspectors | 23 | 23 | 25 | 23 | 23 |
| District Officers | 77 | 81 | 89 | 81 | 90 |
| Station Officers | 546 | 563 | 562 | 554 | 563 |
| Firefighters | 1945 | 2005 | 2007 | 1997 | 2015 |
| TOTAL | 2601 | 2683 | 2695 | 2666 | 2703 |
| ADMINISTRATIVE AND TECHNICAL STAFF | | | | | |
| Secretary | 1 | 1 | 1 | | |
| Deputy Secretary | 1 | 1 | 1 | | |
| Legal Officer | 2 | 1 | 1 | | |
| Public Relations | 5 | 3 | 1 | | |
| Property | 31 | 24 | 8 | | |
| Management Information Services | 1 | 2 | 2 | | |
| Secretariat | 29 | 31 | 29 | | |
| Human Resources | 11 | 9 | 12 | | |
| Employee Relations | 3 | 4 | 5 | | |
| Financial | 21 | 20 | 27 | | |
| Technical Development | 4 | 3 | 5 | | |
| Engineering Services | 88 | 85 | 86 | | |
| Supply | 22 | 22 | 19 | | |
| Transport | 11 | 10 | 10 | | |
| Operations Administration | 14 | 14 | 14 | | |
| Chullora Administration | 4 | 5 | 6 | | |
| TOTAL | 247 | 235 | 227 | 251 | 251 |
| Apprentices | 30 | 22 | 19 | 25 | 22 |
| VOLUNTEER BRIGADES | 3135 | 3128 | 3102 | 3275 | 3283 |
| TOTAL STAFF | 6013 | 6068 | 6043 | 6217 | 6259 |

SPECIAL DUTIES ROSTER

| | AUTHORISED STRENGTH | | | | | | F/F |
|-----------------------------------|---------------------|----------|----------|----------|-----------|------------|------------|
| | C.O. | D.C.O. | SUPT | INSP | D.O | S.O | |
| Chief Officer | 1 | — | — | — | — | — | — |
| Deputy Chief Officer | — | 2 | — | — | — | — | — |
| Superintendent Metropolitan | — | — | 1 | — | — | — | — |
| Superintendent Country | — | — | 1 | — | — | — | — |
| Supt. Communications/Operations | — | — | 1 | — | — | — | — |
| Superintendent Personnel | — | — | 1 | — | — | — | — |
| Planning & Management Review | — | — | 1 | — | — | 1 | — |
| Mgr — Supply & Maintenance | — | — | 1 | — | — | — | — |
| Chief Officer's Staff Officer | — | — | — | 1 | — | — | — |
| Control | — | — | — | — | 1 | 8 | 36 |
| B.A. Section | — | — | — | — | 1 | 10 | 24 |
| Staff Training Division | — | — | 1 | 1 | 10 | 10 | 23 |
| Staff Training Division — Country | — | — | — | — | — | 10 | — |
| Bush Fire Section | — | — | — | — | 1 | 2 | 2 |
| Motor Officers | — | — | — | — | — | 2 | — |
| Fire Prevention Department | — | — | 1 | 1 | 19 | 3 | — |
| Fire Investigation Unit | — | — | — | 1 | 6 | — | — |
| Management Information Systems | — | — | — | — | 1 | — | — |
| Equipment Research | — | — | — | — | 1 | — | — |
| Mapping | — | — | — | — | — | — | 1 |
| Headquarters Staff | — | — | — | — | — | — | 2 |
| Relieving Staff | — | — | 1 | 5 | 14 | 109 | 255 |
| TOTAL SPECIAL DUTIES STAFF | 1 | 2 | 9 | 9 | 54 | 155 | 343 |

SUMMARY — BRIGADES, REPORTED RESPONSES, STRENGTH

| | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | | | | | |
|------------------------------------|--------------------|--------------|--------------|---------------------|----------|----------|-----------|-----------|------------|-------------|------------|-------------|
| | FIRES | OTHER | TOTAL | C.O | D.C.O. | SUPT | INSP | D.O | S.O | F/F | CAPT | V/F |
| DISTRICT | | | | | | | | | | | | |
| A District | 1746 | 9249 | 10995 | — | — | — | 4 | 8 | 44 | 276 | — | — |
| B District | 2058 | 7892 | 9950 | — | — | — | — | 4 | 56 | 272 | 1 | 14 |
| C District | 3422 | 5430 | 8852 | — | — | — | — | 4 | 52 | 208 | 1 | 14 |
| D District | 2126 | 6422 | 8548 | — | — | — | — | 4 | 48 | 176 | 1 | 14 |
| E District | 1530 | 5884 | 7414 | — | — | — | — | 4 | 32 | 136 | — | — |
| G District | 5206 | 8580 | 13786 | — | — | — | — | 4 | 64 | 260 | 1 | 14 |
| TOTAL OF 74 SYDNEY STATIONS | 16088 | 43457 | 59545 | 0 | 0 | 0 | 4 | 28 | 296 | 1328 | 4 | 56 |
| ZONE | | | | | | | | | | | | |
| Outer Metro. | 3005 | 2711 | 5716 | — | — | — | — | — | 12 | 68 | 6 | 104 |
| Zone 1 | 929 | 1772 | 2701 | — | — | — | 1 | — | 8 | 12 | 20 | 265 |
| Zone 2 | 974 | 1304 | 2278 | — | — | — | 1 | — | 5 | — | 22 | 272 |
| Zone 3 | 506 | 1013 | 1519 | — | — | — | 1 | — | 6 | 4 | 21 | 253 |
| Zone 4 | 623 | 648 | 1271 | — | — | — | 1 | — | 3 | — | 22 | 252 |
| Zone 5 | 737 | 851 | 1588 | — | — | — | 1 | — | 1 | — | 22 | 256 |
| Zone 6 | 554 | 534 | 1088 | — | — | — | 1 | — | 5 | 9 | 21 | 273 |
| Zone 7 | 814 | 1303 | 2117 | — | — | — | 1 | — | 9 | 26 | 22 | 296 |
| Zone 8 | 2229 | 2767 | 4996 | — | — | — | 1 | 4 | 21 | 81 | 27 | 374 |
| Zone 9 | 629 | 779 | 1408 | — | — | — | 1 | — | 3 | — | 21 | 263 |
| Newcastle | 3837 | 5533 | 9370 | — | — | — | 1 | 4 | 38 | 152 | 27 | 380 |
| TOTAL OF 249 STATIONS | 14837 | 19215 | 34052 | — | — | — | 10 | 8 | 111 | 344 | 231 | 2991 |
| TOTAL SPECIAL DUTIES | 260 | 18 | 278 | 1 | 2 | 9 | 9 | 54 | 155 | 343 | — | — |
| TOTAL | 31185 | 62690 | 93875 | 1 | 2 | 9 | 23 | 90 | 562 | 2015 | 235 | 3045 |

TABLE 7

BRIGADES, REPORTED RESPONSES, STRENGTH

| STN No. | BRIGADE | REPORTED RESPONSES | | | INSP | AUTHORISED STRENGTH | | | | | V/F |
|--------------|-------------------|--------------------|-------|-------|------|---------------------|-----|-----|------|---|-----|
| | | FIRES | OTHER | TOTAL | | D/O | S/O | F/F | CAPT | | |
| 'A' District | | | | | | | | | | | |
| 1 | HEADQUARTERS | 581 | 3615 | 4196 | 4 | 8 | 16 | 144 | — | — | |
| 3 | THE ROCKS | 137 | 1265 | 1402 | — | — | 4 | 24 | — | — | |
| 4 | DARLINGHURST | 298 | 1377 | 1675 | — | — | 4 | 24 | — | — | |
| 11 | WOOLLAHRA | 240 | 968 | 1208 | — | — | 4 | 24 | — | — | |
| 12 | BALMAIN | 94 | 288 | 382 | — | — | 4 | 12 | — | — | |
| 18 | GLEBE | 131 | 737 | 868 | — | — | 4 | 24 | — | — | |
| 38 | PYRMONT | 84 | 627 | 711 | — | — | 4 | 12 | — | — | |
| 76 | BONDI | 168 | 368 | 536 | — | — | 4 | 12 | — | — | |
| 780 | DISTRICT A — D.O. | 13 | 4 | 17 | | | | | | | |
| TOTAL | | 1746 | 9249 | 10995 | 4 | 8 | 44 | 276 | 0 | 0 | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | INSP | AUTHORISED STRENGTH | | | | | V/F |
|--------------|-------------------|--------------------|-------|-------|------|---------------------|-----|-----|------|----|-----|
| | | FIRES | OTHER | TOTAL | | D/O | S/O | F/F | CAPT | | |
| 'B' District | | | | | | | | | | | |
| 36 | CROWS NEST | 253 | 1520 | 1773 | — | 4 | 4 | 48 | — | — | |
| 6 | MONA VALE | 109 | 260 | 369 | — | — | 4 | 12 | — | — | |
| 24 | MANLY | 149 | 549 | 698 | — | — | 4 | 28 | — | — | |
| 25 | MOSMAN | 100 | 348 | 448 | — | — | 4 | 12 | — | — | |
| 37 | GORDON | 143 | 502 | 645 | — | — | 4 | 12 | — | — | |
| 40 | WILLOUGHBY | 168 | 700 | 868 | — | — | 4 | 12 | — | — | |
| 50 | HORNSBY | 200 | 562 | 762 | — | — | 4 | 28 | — | — | |
| 51 | FORESTVILLE | 121 | 239 | 360 | — | — | 4 | 24 | — | — | |
| 53 | NEUTRAL BAY | 163 | 1026 | 1189 | — | — | 4 | 12 | — | — | |
| 60 | AVALON | 67 | 141 | 208 | — | — | 4 | 12 | — | — | |
| 61 | LANE COVE | 185 | 1066 | 1251 | — | — | 4 | 24 | — | — | |
| 68 | NARRABEEN | 123 | 298 | 421 | — | — | 4 | 24 | — | — | |
| 69 | DEE WHY | 206 | 567 | 773 | — | — | 4 | 12 | — | — | |
| 75 | BEROWRA | 52 | 106 | 158 | — | — | 4 | 12 | 1 | 14 | |
| 781 | DISTRICT B — D.O. | 19 | 8 | 27 | | | | | | | |
| TOTAL | | 2058 | 7892 | 9950 | 0 | 4 | 56 | 272 | 1 | 14 | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | INSP | AUTHORISED STRENGTH | | | | | V/F |
|--------------|-------------------|--------------------|-------|-------|------|---------------------|-----|-----|------|----|-----|
| | | FIRES | OTHER | TOTAL | | D/O | S/O | F/F | CAPT | | |
| 'C' District | | | | | | | | | | | |
| 21 | KOGARAH | 387 | 544 | 931 | — | 4 | 4 | 40 | — | — | |
| 20 | HURSTVILLE | 226 | 430 | 656 | — | — | 4 | 12 | — | — | |
| 29 | ROCKDALE | 269 | 433 | 702 | — | — | 4 | 12 | — | — | |
| 33 | ENGADINE | 106 | 118 | 224 | — | — | 4 | 12 | — | — | |
| 34 | RIVERWOOD | 231 | 300 | 531 | — | — | 4 | 12 | — | — | |
| 45 | MIRANDA | 251 | 422 | 673 | — | — | 4 | 24 | — | — | |
| 46 | SUTHERLAND | 226 | 248 | 474 | — | — | 4 | 12 | — | — | |
| 47 | REVESBY | 317 | 543 | 860 | — | — | 4 | 24 | — | — | |
| 48 | MORTDALE | 109 | 200 | 309 | — | — | — | — | 1 | 14 | |
| 52 | CAMPSIE | 261 | 433 | 694 | — | — | 4 | 12 | — | — | |
| 54 | CRONULLA | 149 | 275 | 424 | — | — | 4 | 12 | — | — | |
| 62 | BANKSTOWN | 411 | 786 | 1197 | — | — | 4 | 12 | — | — | |
| 64 | LAKEMBA | 308 | 606 | 914 | — | — | 4 | 12 | — | — | |
| 90 | MENAI | 117 | 75 | 192 | — | — | 4 | 12 | — | — | |
| 782 | DISTRICT C — D.O. | 54 | 17 | 71 | | | | | | | |
| TOTAL | | 3422 | 5430 | 8852 | 0 | 4 | 52 | 208 | 1 | 14 | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | INSP | AUTHORISED STRENGTH | | | | |
|--------------|-------------------|--------------------|-------|-------|------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | | D/O | S/O | F/F | CAPT | V/F |
| 'D' District | | | | | | | | | | |
| 7 | STANMORE | 303 | 721 | 1024 | — | 4 | 4 | 40 | — | — |
| 14 | ASHFIELD | 192 | 554 | 746 | — | — | 4 | 12 | — | — |
| 15 | BURWOOD | 202 | 760 | 962 | — | — | 4 | 12 | — | — |
| 16 | CONCORD | 110 | 596 | 706 | — | — | 4 | 12 | — | — |
| 17 | DRUMMOYNE | 97 | 359 | 456 | — | — | 4 | 16 | — | — |
| 22 | LEICHHARDT | 166 | 425 | 591 | — | — | 4 | 12 | — | — |
| 23 | GLADESVILLE | 88 | 374 | 462 | — | — | 4 | 12 | — | — |
| 28 | MARRICKVILLE | 265 | 466 | 731 | — | — | 4 | 12 | — | — |
| 30 | LIDCOMBE | 182 | 346 | 528 | — | — | 4 | 12 | — | — |
| 42 | RYDE | 153 | 698 | 851 | — | — | 4 | 12 | — | — |
| 58 | BEECROFT | 157 | 370 | 527 | — | — | 4 | 12 | — | — |
| 59 | EASTWOOD | 165 | 582 | 747 | — | — | 4 | 12 | — | — |
| 66 | RHODES | 21 | 168 | 189 | — | — | — | — | 1 | 14 |
| 783 | DISTRICT D – D.O. | 25 | 3 | 28 | | | | | | |
| TOTAL | | 2126 | 6422 | 8548 | 0 | 4 | 48 | 176 | 1 | 14 |

| STN No. | BRIGADE | REPORTED RESPONSES | | | INSP | AUTHORISED STRENGTH | | | | |
|--------------|-------------------|--------------------|-------|-------|------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | | D/O | S/O | F/F | CAPT | V/F |
| 'E' District | | | | | | | | | | |
| 13 | ALEXANDRIA | 281 | 1051 | 1332 | — | 4 | 4 | 48 | — | — |
| 5 | NEWTOWN | 172 | 577 | 749 | — | — | 4 | 12 | — | — |
| 9 | B.A. SECTION | 95 | 97 | 192 | | | | | | |
| 10 | REDFERN | 234 | 930 | 1164 | — | — | 4 | 12 | — | — |
| 26 | MASCOT | 138 | 662 | 800 | — | — | 4 | 12 | — | — |
| 35 | BOTANY | 105 | 688 | 793 | — | — | 4 | 16 | — | — |
| 39 | RANDWICK | 176 | 867 | 1043 | — | — | 4 | 12 | — | — |
| 56 | MATRAVILLE | 141 | 457 | 598 | — | — | 4 | 12 | — | — |
| 70 | MAROUBRA | 185 | 555 | 740 | — | — | 4 | 12 | — | — |
| 784 | DISTRICT E — D.O. | 3 | — | 3 | | | | | | |
| TOTAL | | 1530 | 5884 | 7414 | 0 | 4 | 32 | 136 | 0 | 0 |

| STN No. | BRIGADE | REPORTED RESPONSES | | | INSP | AUTHORISED STRENGTH | | | | |
|----------------------------|-------------------|--------------------|-------|-------|------|---------------------|-----|------|------|-----|
| | | FIRES | OTHER | TOTAL | | D/O | S/O | F/F | CAPT | V/F |
| 'G' District | | | | | | | | | | |
| 27 | PARRAMATTA | 471 | 1046 | 1517 | — | 4 | 4 | 40 | — | — |
| 8 | LIVERPOOL | 460 | 725 | 1185 | — | — | 4 | 28 | — | — |
| 19 | SILVERWATER | 180 | 343 | 523 | — | — | 4 | 12 | — | — |
| 31 | BUSBY | 374 | 493 | 867 | — | — | 4 | 12 | — | — |
| 32 | MOUNT DRUITT | 553 | 490 | 1043 | — | — | 4 | 12 | — | — |
| 41 | SMITHFIELD | 244 | 376 | 620 | — | — | 4 | 12 | — | — |
| 44 | AUBURN | 200 | 433 | 633 | — | — | 4 | 12 | — | — |
| 49 | CABRAMATTA | 430 | 497 | 927 | — | — | 4 | 12 | — | — |
| 55 | GUILDFORD | 294 | 630 | 924 | — | — | 4 | 12 | — | — |
| 57 | WENTWORTHVILLE | 193 | 440 | 633 | — | — | 4 | 24 | — | — |
| 63 | BLACKTOWN | 514 | 589 | 1103 | — | — | 4 | 24 | — | — |
| 65 | RYDALMERE | 172 | 402 | 574 | — | — | 4 | 12 | — | — |
| 67 | NORTHMEAD | 171 | 506 | 677 | — | — | 4 | 12 | — | — |
| 71 | CASTLE HILL | 143 | 351 | 494 | — | — | 4 | 12 | — | — |
| 72 | MERRYLANDS | 167 | 268 | 435 | — | — | — | — | 1 | 14 |
| 73 | FAIRFIELD | 330 | 591 | 921 | — | — | 4 | 12 | — | — |
| 74 | TOONGABBIE | 247 | 391 | 638 | — | — | 4 | 12 | — | — |
| 785 | DISTRICT G — D.O. | 63 | 9 | 72 | | | | | | |
| TOTAL | | 5206 | 8580 | 13786 | 0 | 4 | 64 | 260 | 1 | 14 |
| TOTAL SYDNEY FIRE DISTRICT | | 16088 | 43457 | 59545 | 4 | 28 | 296 | 1328 | 4 | 56 |

| STN No. BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | |
|---------------------|--------------------|-------------|-------------|---------------------|-----|-----|------|-----|
| | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | V/F |
| Outer Sydney | | | | | | | | |
| 77 ST. MARYS | 394 | 383 | 777 | — | 4 | 12 | — | 12 |
| 78 DUNHEVED | 303 | 240 | 543 | — | — | — | 1 | 11 |
| 79 INGLEBURN | 371 | 283 | 654 | — | — | — | 1 | 14 |
| 81 WINDSOR | 88 | 143 | 231 | — | — | — | 1 | 11 |
| 82 RICHMOND | 96 | 165 | 261 | — | — | — | 1 | 11 |
| 83 RIVERSTONE | 85 | 58 | 143 | — | — | — | 1 | 11 |
| 84 MACQUARIE FIELDS | 314 | 259 | 573 | — | — | — | 1 | 14 |
| 86 PENRITH | 486 | 581 | 1067 | — | 4 | 24 | — | 10 |
| 88 CAMPBELLTOWN | 868 | 599 | 1467 | — | 4 | 28 | — | 10 |
| | 3005 | 2711 | 5716 | | | | | |

| STN No. BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | |
|------------------------|--------------------|-------------|-------------|---------------------|-----|-----|------|-----|
| | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | V/F |
| Zone 1 | | | | | | | | |
| 216 BATHURST | 94 | 159 | 253 | — | 1 | — | 1 | 15 |
| 226 BLACKHEATH | 22 | 33 | 55 | — | — | — | 1 | 14 |
| 227 BLAYNEY | 9 | 13 | 22 | — | — | — | 1 | 11 |
| 248 CAMDEN | 55 | 147 | 202 | — | — | — | 1 | 13 |
| 250 CANOWINDRA | 14 | 11 | 25 | — | — | — | 1 | 11 |
| 301 GLENBROOK | 107 | 131 | 238 | — | — | — | 1 | 14 |
| 342 KANDOS | 12 | 5 | 17 | — | — | — | 1 | 11 |
| 343 KATOOMBA | 56 | 161 | 217 | — | 4 | 12 | — | 14 |
| 359 LAWSON | 45 | 113 | 158 | — | — | — | 1 | 14 |
| 361 LEURA | 41 | 138 | 179 | — | — | — | 1 | 11 |
| 363 LITHGOW | 66 | 101 | 167 | — | 2 | — | 1 | 15 |
| 364 LITTLETON | 40 | 64 | 104 | — | — | — | 1 | 11 |
| 386 MT. VICTORIA | 11 | 28 | 39 | — | — | — | 1 | 11 |
| 411 OBERON | 8 | 11 | 19 | — | — | — | 1 | 11 |
| 412 ORANGE | 136 | 260 | 396 | — | 1 | — | 1 | 19 |
| 421 PICTON | 26 | 75 | 101 | — | — | — | 1 | 11 |
| 423 PORTLAND | 4 | 9 | 13 | — | — | — | 1 | 11 |
| 445 SPRINGWOOD | 109 | 170 | 279 | — | — | — | 1 | 15 |
| 483 WALLERAWANG | 11 | 10 | 21 | — | — | — | 1 | 11 |
| 489 WARRAGAMBA | 24 | 46 | 70 | — | — | — | 1 | 11 |
| 495 WENTWORTH FALLS | 31 | 84 | 115 | — | — | — | 1 | 11 |
| 751 ZONE 1 — INSPECTOR | 8 | 3 | 11 | | | | | |
| | 929 | 1772 | 2701 | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | | |
|------------|--------------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|--|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | V/F | |
| Zone 2 | | | | | | | | | | |
| 202 | ABERMAIN | 54 | 21 | 75 | — | — | — | 1 | 11 | |
| 208 | ABERDEEN | 11 | 19 | 30 | — | — | — | 1 | 13 | |
| 220 | BELLBIRD | 40 | 68 | 108 | — | — | — | 1 | 11 | |
| 237 | BRANXTON GRETA | 11 | 27 | 38 | — | — | — | 1 | 15 | |
| 254 | CESSNOCK | 150 | 151 | 301 | — | 2 | — | 1 | 17 | |
| 282 | DUNGOG | 12 | 10 | 22 | — | — | — | 1 | 11 | |
| 283 | DENMAN | 6 | 2 | 8 | — | — | — | 1 | 11 | |
| 295 | FORSTER | 17 | 32 | 49 | — | — | — | 1 | 11 | |
| 344 | KEARSLEY | 30 | 24 | 54 | — | — | — | 1 | 11 | |
| 349 | KURRI KURRI | 116 | 97 | 213 | — | — | — | 1 | 11 | |
| 373 | EAST MAITLAND | 110 | 107 | 217 | — | 1 | — | 1 | 13 | |
| 374 | MAITLAND | 60 | 160 | 220 | — | 2 | — | 1 | 18 | |
| 382 | MORPETH | 77 | 107 | 184 | — | — | — | 1 | 11 | |
| 392 | MUSWELLBROOK | 40 | 53 | 93 | — | — | — | 1 | 13 | |
| 402 | NELSON BAY | 24 | 67 | 91 | — | — | — | 1 | 11 | |
| 418 | PAXTON | 19 | 4 | 23 | — | — | — | 1 | 11 | |
| 432 | RAYMOND TERRACE | 36 | 45 | 81 | — | — | — | 1 | 11 | |
| 443 | SCONE | 16 | 15 | 31 | — | — | — | 1 | 11 | |
| 444 | SINGLETON | 46 | 173 | 219 | — | — | — | 1 | 16 | |
| 455 | TELERAH | 16 | 73 | 89 | — | — | — | 1 | 11 | |
| 471 | TEA GARDENS | 1 | 3 | 4 | — | — | — | 1 | 11 | |
| 497 | WESTON | 81 | 45 | 126 | — | — | — | 1 | 13 | |
| 752 | ZONE 2 — INSPECTOR | 1 | 1 | 2 | | | | | | |
| | | 974 | 1304 | 2278 | | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | |
|------------|--------------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | V/F |
| Zone 3 | | | | | | | | | |
| 204 | ALSTONVILLE | 5 | 10 | 15 | — | — | — | 1 | 11 |
| 211 | BALLINA | 33 | 75 | 108 | — | — | — | 1 | 11 |
| 213 | BANGALOW | 2 | 8 | 10 | — | — | — | 1 | 11 |
| 240 | BRUNSWICK HEADS | 16 | 10 | 26 | — | — | — | 1 | 14 |
| 243 | BYRON BAY | 19 | 12 | 31 | — | — | — | 1 | 11 |
| 253 | CASINO | 23 | 31 | 54 | — | 1 | — | 1 | 13 |
| 267 | CORAKI | 6 | 1 | 7 | — | — | — | 1 | 11 |
| 288 | EVANS HEAD | 9 | 11 | 20 | — | — | — | 1 | 11 |
| 302 | GLEN INNES | 43 | 76 | 119 | — | 1 | — | 1 | 14 |
| 306 | GRAFTON | 36 | 48 | 84 | — | 1 | — | 1 | 15 |
| 307 | SOUTH GRAFTON | 23 | 36 | 59 | — | — | — | 1 | 11 |
| 316 | GOONELLABAH | 28 | 74 | 102 | — | 1 | — | 1 | 11 |
| 347 | KINGSCLIFF | 30 | 29 | 59 | — | — | — | 1 | 11 |
| 350 | KYOGLE | 24 | 10 | 34 | — | — | — | 1 | 11 |
| 362 | LISMORE | 52 | 128 | 180 | — | 2 | 4 | 1 | 14 |
| 372 | MACLEAN | 4 | 26 | 30 | — | — | — | 1 | 11 |
| 388 | MULLUMBIMBY | 2 | 5 | 7 | — | — | — | 1 | 13 |
| 391 | MURWILLUMBAH | 16 | 78 | 94 | — | — | — | 1 | 13 |
| 457 | TENTERFIELD | 15 | 19 | 34 | — | — | — | 1 | 11 |
| 468 | TWEED HEADS | 56 | 169 | 225 | — | — | — | — | 8 |
| 510 | YAMBA | 10 | 3 | 13 | — | — | — | 1 | 11 |
| 514 | TWEED RIVER | 54 | 152 | 206 | — | — | — | 1 | 6 |
| 753 | ZONE 3 — INSPECTOR | — | 2 | 2 | | | | | |
| | | 506 | 1013 | 1519 | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | |
|------------|-----------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | V/F |
| Zone 4 | | | | | | | | | |
| 215 | BARRABA | 5 | 4 | 9 | — | — | — | 1 | 11 |
| 225 | BINGARA | 4 | — | 4 | — | — | — | 1 | 11 |
| 229 | BOGGABRI | 29 | 7 | 36 | — | — | — | 1 | 11 |
| 261 | COOLAH | 1 | — | 1 | — | — | — | 1 | 11 |
| 264 | COONABARABRAN | 9 | 32 | 41 | — | — | — | 1 | 11 |
| 265 | COONAMBLE | 52 | 8 | 60 | — | — | — | 1 | 11 |
| 281 | DUNEDOO | 4 | 2 | 6 | — | — | — | 1 | 11 |
| 314 | GUNNEDAH | 22 | 29 | 51 | — | — | — | 1 | 14 |
| 331 | INVERELL | 45 | 56 | 101 | — | 1 | — | 1 | 14 |
| 367 | LIGHTNING RIDGE | 5 | 1 | 6 | — | — | — | 1 | 11 |
| 375 | MANILLA | 21 | 13 | 34 | — | — | — | 1 | 11 |
| 381 | MOREE | 128 | 68 | 196 | — | 1 | — | 1 | 14 |
| 390 | MURRURUNDI | 13 | 18 | 31 | — | — | — | 1 | 11 |
| 393 | MERRIWA | 3 | 7 | 10 | — | — | — | 1 | 11 |
| 399 | NARRABRI | 37 | 35 | 72 | — | — | — | 1 | 11 |
| 429 | QUIRINDI | 20 | 9 | 29 | — | — | — | 1 | 11 |
| 452 | TAMWORTH | 106 | 251 | 357 | — | 1 | — | 1 | 14 |
| 482 | WALGETT | 19 | 12 | 31 | — | — | — | 1 | 11 |
| 487 | WARIALDA | 14 | 3 | 17 | — | — | — | 1 | 11 |
| 496 | WERRIS CREEK | 13 | 3 | 16 | — | — | — | 1 | 11 |
| 506 | WEE WAA | 13 | 7 | 20 | — | — | — | 1 | 11 |
| 508 | WEST TAMWORTH | 60 | 83 | 143 | — | — | — | 1 | 11 |
| | | 623 | 648 | 1271 | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | V/F |
|------------|--------------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | |
| Zone 5 | | | | | | | | | |
| 233 | BOURKE | 80 | 29 | 109 | — | — | — | 1 | 14 |
| 244 | BREWARRINA | 13 | 11 | 24 | — | — | — | 1 | 11 |
| 256 | COBAR | 14 | 7 | 21 | — | — | — | 1 | 11 |
| 259 | CONDOBOLIN | 33 | 21 | 54 | — | — | — | 1 | 11 |
| 270 | COWRA | 64 | 37 | 101 | — | — | — | 1 | 11 |
| 280 | DUBBO | 145 | 251 | 396 | — | 1 | — | 1 | 16 |
| 284 | DELROY | 90 | 139 | 229 | — | — | — | 1 | 11 |
| 294 | FORBES | 35 | 30 | 65 | — | — | — | 1 | 13 |
| 300 | GILGANDRA | 22 | 26 | 48 | — | — | — | 1 | 11 |
| 308 | GRENFELL | 21 | 8 | 29 | — | — | — | 1 | 11 |
| 312 | GULGONG | 11 | 9 | 20 | — | — | — | 1 | 11 |
| 380 | MOLONG | 7 | 13 | 20 | — | — | — | 1 | 11 |
| 387 | MUDGEES | 27 | 21 | 48 | — | — | — | 1 | 11 |
| 401 | NARROMINE | 17 | 25 | 42 | — | — | — | 1 | 11 |
| 406 | NYNGAN | 9 | 10 | 19 | — | — | — | 1 | 12 |
| 417 | PARKES | 38 | 86 | 124 | — | — | — | 1 | 13 |
| 419 | PEAK HILL | 6 | 8 | 14 | — | — | — | 1 | 9 |
| 465 | TRANGIE | 9 | 9 | 18 | — | — | — | 1 | 11 |
| 491 | WARREN | 28 | 27 | 55 | — | — | — | 1 | 11 |
| 493 | WELLINGTON | 20 | 39 | 59 | — | — | — | 1 | 11 |
| 499 | WEST WYALONG | 27 | 13 | 40 | — | — | — | 1 | 11 |
| 513 | YOUNG | 21 | 29 | 50 | — | — | — | 1 | 14 |
| 755 | ZONE 5 – INSPECTOR | — | 3 | 3 | | | | | |
| | | 737 | 851 | 1588 | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | V/F |
|------------|--------------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | |
| Zone 6 | | | | | | | | | |
| 212 | BALRANALD | 3 | 3 | 6 | — | — | — | 1 | 11 |
| 214 | BARHAM | 5 | 4 | 9 | — | — | — | 1 | 10 |
| 223 | BERRIGAN | 2 | 4 | 6 | — | — | — | 1 | 11 |
| 238 | BROKEN HILL | 99 | 139 | 238 | — | 4 | 9 | 1 | 14 |
| 239 | BROKEN HILL STH | 39 | 90 | 129 | — | — | — | — | 14 |
| 268 | COROWA | 22 | 8 | 30 | — | — | — | 1 | 13 |
| 278 | DENILIKUIN | 47 | 40 | 87 | — | — | — | 1 | 15 |
| 293 | FINLEY | 19 | 24 | 43 | — | — | — | 1 | 13 |
| 311 | GRIFFITH | 105 | 78 | 183 | — | 1 | — | 1 | 17 |
| 321 | HAY | 20 | 6 | 26 | — | — | — | 1 | 13 |
| 323 | HILLSTON | 9 | 16 | 25 | — | — | — | 1 | 11 |
| 336 | JERILDERIE | 2 | 7 | 9 | — | — | — | 1 | 11 |
| 355 | LAKE CARGELLIGO | 11 | 1 | 12 | — | — | — | 1 | 11 |
| 360 | LEETON | 31 | 37 | 68 | — | — | — | 1 | 13 |
| 365 | LOCKHART | 1 | 1 | 2 | — | — | — | 1 | 11 |
| 379 | MOAMA | 26 | 18 | 44 | — | — | — | 1 | 11 |
| 394 | MULWALA | 10 | 3 | 13 | — | — | — | 1 | 11 |
| 400 | NARRANDERA | 38 | 29 | 67 | — | — | — | 1 | 13 |
| 456 | TEMORA | 35 | 10 | 45 | — | — | — | 1 | 14 |
| 463 | TOCUMWAL | 9 | 3 | 12 | — | — | — | 1 | 13 |
| 494 | WENTWORTH | 12 | 10 | 22 | — | — | — | 1 | 11 |
| 512 | YENDA | 9 | 2 | 11 | — | — | — | 1 | 11 |
| 756 | ZONE 6 — INSPECTOR | — | 1 | 1 | | | | | |
| | | 554 | 534 | 1088 | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | V/F |
|------------|--------------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | |
| Zone 7 | | | | | | | | | |
| 203 | ALBURY CENTRAL | 88 | 169 | 257 | — | 4 | 14 | — | 8 |
| 206 | ALBURY NORTH | 60 | 78 | 138 | — | — | — | 1 | 12 |
| 209 | ALBURY CIVIC | 97 | 120 | 217 | — | — | — | 1 | 11 |
| 218 | BATLOW | 5 | 3 | 8 | — | — | — | 1 | 11 |
| 230 | BOMBALA | 1 | 3 | 4 | — | — | — | 1 | 11 |
| 232 | BOOROWA | 10 | 7 | 17 | — | — | — | 1 | 11 |
| 262 | COOLAMON | 6 | 3 | 9 | — | — | — | 1 | 11 |
| 263 | COOMA | 12 | 83 | 95 | — | — | — | 1 | 14 |
| 266 | COOTAMUNDRA | 26 | 32 | 58 | — | — | — | 1 | 14 |
| 272 | CULCAIRN | 3 | 4 | 7 | — | — | — | 1 | 11 |
| 313 | GUNDAGAI | 21 | 22 | 43 | — | — | — | 1 | 14 |
| 322 | HENTY | 4 | 4 | 8 | — | — | — | 1 | 11 |
| 324 | HOLBROOK | 2 | 7 | 9 | — | — | — | 1 | 11 |
| 337 | JUNEE | 30 | 14 | 44 | — | — | — | 1 | 14 |
| 389 | HARDEN | 14 | 8 | 22 | — | — | — | 1 | 14 |
| 426 | PERISHER VALLEY | 2 | 24 | 26 | — | — | — | 1 | 11 |
| 428 | QUEANBEYAN | 133 | 227 | 360 | — | 1 | — | 1 | 19 |
| 451 | THREDBO | — | 26 | 26 | — | — | — | 1 | 12 |
| 466 | TUMBURUMBA | 3 | 2 | 5 | — | — | — | 1 | 11 |
| 467 | TUMUT | 16 | 29 | 45 | — | — | — | 1 | 14 |
| 472 | TURVEY PARK | 150 | 229 | 379 | — | 4 | 12 | — | 15 |
| 480 | WAGGA WAGGA | 96 | 160 | 256 | — | — | — | 1 | 11 |
| 511 | YASS | 33 | 43 | 76 | — | — | — | 1 | 14 |
| 757 | ZONE 7 — INSPECTOR | 2 | 6 | 8 | | | | | |
| | | 814 | 1303 | 2117 | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | |
|------------|--------------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | V/F |
| Zone 8 | | | | | | | | | |
| 80 | BUNDEENA | 20 | 14 | 34 | — | — | — | 1 | 11 |
| 207 | ALBION PARK RAIL | 100 | 70 | 170 | — | — | — | 1 | 14 |
| 210 | BALGOWNIE | 92 | 166 | 258 | — | — | — | 1 | 11 |
| 217 | BATEMANS BAY | 21 | 9 | 30 | — | — | — | 1 | 11 |
| 219 | BEGA | 10 | 16 | 26 | — | — | — | 1 | 14 |
| 224 | BERRY | 4 | 7 | 11 | — | — | — | 1 | 11 |
| 234 | BOWRAL | 49 | 73 | 122 | — | — | — | 1 | 11 |
| 236 | BRAIDWOOD | 5 | 12 | 17 | — | — | — | 1 | 11 |
| 241 | BULLI | 123 | 119 | 242 | — | 4 | 12 | — | 11 |
| 242 | BUNDANOON | 5 | 5 | 10 | — | — | — | 1 | 11 |
| 258 | COLEDALE | 11 | 24 | 35 | — | — | — | 1 | 11 |
| 269 | CORRIMAL | 114 | 90 | 204 | — | — | — | 1 | 11 |
| 271 | CROOKWELL | 6 | 5 | 11 | — | — | — | 1 | 14 |
| 277 | DAPTO | 158 | 141 | 299 | — | 4 | 12 | — | 8 |
| 286 | EDEN | 9 | 22 | 31 | — | — | — | 1 | 11 |
| 305 | GOULBURN | 70 | 249 | 319 | — | 1 | — | 1 | 19 |
| 325 | HELENSBURG | 45 | 32 | 77 | — | — | — | 1 | 11 |
| 346 | KIAMA | 49 | 43 | 92 | — | — | — | 1 | 11 |
| 378 | MITTAGONG | 30 | 24 | 54 | — | — | — | 1 | 11 |
| 384 | MORUYA | 12 | 18 | 30 | — | — | — | 1 | 11 |
| 385 | MOSS VALE | 31 | 33 | 64 | — | — | — | 1 | 11 |
| 395 | MERIMBULA | 21 | 9 | 30 | — | — | — | 1 | 14 |
| 398 | NAROOMA | 7 | 19 | 26 | — | — | — | 1 | 11 |
| 405 | NOWRA | 120 | 91 | 211 | — | — | — | 1 | 17 |
| 422 | PORT KEMBLA | 302 | 400 | 702 | — | 4 | 12 | — | 11 |
| 442 | SCARBOROUGH | 27 | 15 | 42 | — | — | — | 1 | 11 |
| 461 | THIRROUL | 52 | 16 | 68 | — | — | — | 1 | 14 |
| 474 | UNANDERRA | 184 | 167 | 351 | — | — | — | 1 | 14 |
| 477 | ULLADULLA | 39 | 24 | 63 | — | — | — | 1 | 11 |
| 488 | WARILLA | 165 | 130 | 295 | — | — | — | 1 | 11 |
| 503 | WOLLONGONG | 347 | 724 | 1071 | 4 | 8 | 48 | — | 12 |
| 758 | ZONE 8 — INSPECTOR | 1 | — | 1 | | | | | |
| | | 2229 | 2767 | 4996 | | | | | |

| STN No. | BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | |
|------------|--------------------|--------------------|-------|-------|---------------------|-----|-----|------|-----|
| | | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | V/F |
| Zone 9 | | | | | | | | | |
| 205 | ARMIDALE | 80 | 118 | 198 | — | 1 | — | 1 | 14 |
| 221 | BELLINGEN | 6 | 14 | 20 | — | — | — | 1 | 13 |
| 235 | BOWRAVILLE | 2 | — | 2 | — | — | — | 1 | 11 |
| 257 | COFFS HARBOUR | 105 | 113 | 218 | — | 1 | — | 1 | 15 |
| 279 | DORRIGO | 5 | 4 | 9 | — | — | — | 1 | 12 |
| 303 | GLOUCESTER | 9 | — | 9 | — | — | — | 1 | 11 |
| 315 | GUYRA | 5 | 13 | 18 | — | — | — | 1 | 11 |
| 345 | KEMPSEY | 60 | 99 | 159 | — | — | — | 1 | 15 |
| 358 | LAURIETON | 34 | 17 | 51 | — | — | — | 1 | 11 |
| 371 | MACKSVILLE | 2 | 2 | 4 | — | — | — | 1 | 11 |
| 397 | NAMBUCCA HEADS | 13 | 10 | 23 | — | — | — | 1 | 11 |
| 424 | PORT MACQUARIE | 96 | 150 | 246 | — | 1 | — | 1 | 19 |
| 441 | SAWTELL | 48 | 18 | 66 | — | — | — | 1 | 12 |
| 449 | SOUTH WEST ROCKS | 19 | 11 | 30 | — | — | — | 1 | 11 |
| 453 | TAREE | 50 | 74 | 124 | — | — | — | 1 | 18 |
| 475 | URALLA | 7 | 10 | 17 | — | — | — | 1 | 11 |
| 476 | URUNGA | 15 | 18 | 33 | — | — | — | 1 | 11 |
| 481 | WALCHA | 10 | 2 | 12 | — | — | — | 1 | 11 |
| 492 | WAUCHOPE | 26 | 53 | 79 | — | — | — | 1 | 13 |
| 502 | WINGHAM | 10 | 27 | 37 | — | — | — | 1 | 11 |
| 507 | WOOLGOOLGA | 25 | 26 | 51 | — | — | — | 1 | 11 |
| 759 | ZONE 9 — INSPECTOR | 2 | — | 2 | | | | | |
| | | 629 | 779 | 1408 | | | | | |

| STN No. BRIGADE | REPORTED RESPONSES | | | AUTHORISED STRENGTH | | | | V/F |
|---|--------------------|--------------|--------------|---------------------|------------|------------|------------|-------------|
| | FIRES | OTHER | TOTAL | D/O | S/O | F/F | CAPT | |
| Newcastle | | | | | | | | |
| 222 BELMONT | 166 | 140 | 306 | — | 4 | 12 | 1 | 13 |
| 231 BOOLAROO | 105 | 101 | 206 | — | — | — | 1 | 11 |
| 245 BUDGEWOI | 53 | 73 | 126 | — | — | — | 1 | 13 |
| 251 CARDIFF | 242 | 152 | 394 | — | 4 | 12 | 1 | 13 |
| 252 CARRINGTON | 44 | 157 | 201 | — | — | — | 1 | 11 |
| 255 CHARLESTOWN | 224 | 273 | 497 | — | 4 | 24 | — | 13 |
| 260 COOKS HILL (NEWCASTLE) | 247 | 624 | 871 | 4 | 8 | 44 | — | — |
| 287 ETTALONG | 110 | 153 | 263 | — | — | — | 1 | 11 |
| 304 GOSFORD | 176 | 339 | 515 | — | 4 | 24 | — | 15 |
| 320 HAMILTON | 155 | 430 | 585 | — | 4 | 12 | — | 6 |
| 351 KILLARNEY VALE | 70 | 120 | 190 | — | — | — | 1 | 13 |
| 357 LAMBTON | 126 | 139 | 265 | — | — | — | 1 | 10 |
| 376 MEREWETHER | 43 | 88 | 131 | — | — | — | 1 | 11 |
| 383 MORISSET | 79 | 105 | 184 | — | — | — | 1 | 14 |
| 404 NEW LAMBTON | 81 | 69 | 150 | — | — | — | 1 | 14 |
| 446 STOCKTON | 65 | 123 | 188 | — | — | — | 1 | 14 |
| 447 SWANSEA | 80 | 55 | 135 | — | — | — | 1 | 11 |
| 450 SARATOGA | 92 | 55 | 147 | — | — | — | 1 | 11 |
| 454 TARRO | 80 | 95 | 175 | — | — | — | 1 | 11 |
| 458 TERALBA | 94 | 51 | 145 | — | — | — | 1 | 11 |
| 459 TERRIGAL | 34 | 79 | 113 | — | — | — | 1 | 11 |
| 460 THE ENTRANCE | 83 | 90 | 173 | — | 1 | — | 1 | 14 |
| 462 TIGHES HILL | 116 | 389 | 505 | — | 4 | 12 | — | 6 |
| 464 TORONTO | 213 | 150 | 363 | — | — | — | 1 | 16 |
| 470 TOUKLEY | 72 | 98 | 170 | — | — | — | 1 | 11 |
| 484 WALLSEND | 165 | 106 | 271 | — | — | — | 1 | 14 |
| 485 WANGI WANGI | 89 | 76 | 165 | — | — | — | 1 | 16 |
| 486 WARATAH | 121 | 449 | 570 | — | 4 | 12 | — | 6 |
| 498 WEST WALLSEND | 79 | 43 | 122 | — | — | — | 1 | 14 |
| 500 WINDALE | 244 | 196 | 440 | — | — | — | 1 | 11 |
| 504 WOY WOY | 103 | 136 | 239 | — | 1 | — | 1 | 11 |
| 505 WYONG | 48 | 140 | 188 | — | — | — | 1 | 11 |
| 509 WYOMING | 132 | 239 | 371 | — | — | — | 1 | 13 |
| 760 ZONE NWC — INSPECTOR | 6 | — | 6 | | | | | |
| TOTAL COUNTRY AND OUTER METROPOLITAN | 14837 | 19215 | 34052 | 8 | 111 | 355 | 231 | 2991 |

TABLE 8

LIST OF TELEPHONE NUMBERS AND POSTAL ADDRESSES

| | |
|---------------------------------|--|
| ADMINISTRATION: | Level 11, Aetna Tower, 219-227 Elizabeth Street, SYDNEY, N.S.W., 2000 (P.O. Box A249, SYDNEY SOUTH, NSW., 2000) Telephone: (02) 265 2999 Telex: AA 72925 Facsimile: (02) 264 1952 Business hours: 9.00 a.m. to 5.00 p.m. |
| LIBRARY: | Telephone: (02) 265 2830 (02) 265 2829 Business hours: 9.00 a.m. to 5.00 p.m. |
| FIRE PREVENTION DEPARTMENT: | Level 8, Aetna Tower, Telephone: (02) 265 2999 Business hours: 9.00 a.m. to 4.30 p.m. Monday to Thursday 9.00 a.m. to 4.00 p.m. Friday |
| STAFF TRAINING AND DEVELOPMENT: | 189 Wyndham Street, ALEXANDRIA, N.S.W., 2015 Business hours: 7.30 a.m. to 4.00 p.m. |
| FIRE INVESTIGATION UNIT: | Telephone: (02) 745 3359 Business hours: 8.30 a.m. to 4.00 p.m. |
| MEDIA LIAISON OFFICER: | Telephone: (02) 745 3359 24 hour service |
| SUPPLY AND MAINTENANCE: | Amarina Avenue, CHULLORA, N.S.W., 2190 Telephone: (02) 642 0451 Business hours: 7.30 a.m. to 4.30 p.m. |
| BUSH FIRE SECTION: | Telephone: (02) 744 2798 Business hours: 7.30 a.m. to 4.00 p.m. Monday to Thursday 7.30 a.m. to 3.30 p.m. Friday |
| LECTURING SECTION: | Telephone: (02) 744 8115 Business hours: 8.30 a.m. to 4.00 p.m. |

COUNTRY ZONE INSPECTORS

ZONE 1:

Inspector,
Fire Station,
17 Park Street,
KATOOMBA, N.S.W., 2780
Tel.: (047) 82 2568

ZONE 2:

Inspector,
Fire Station,
14 Church Street,
MAITLAND, N.S.W., 2320
Tel.: (049) 33 6197

ZONE 3:

Inspector,
P.O. Box 752,
LISMORE, N.S.W., 2480
Tel.: (066) 21 7363

ZONE 4:

Inspector,
P.O. Box 1010,
TAMWORTH, N.S.W., 2340
Tel.: (067) 66 5598

ZONE 5:

Inspector,
Dubbo Fire Station,
116 Darling Street,
DUBBO, N.S.W., 2830
Tel.: (068) 82 96869

ZONE 6:

Inspector,
P.O. Box 495,
LEETON, N.S.W., 2705
Tel.: (069) 53 3410

ZONE 7:

Inspector,
Fire Station,
Fernleigh Road and Bluett Crescent,
TURVEY PARK, N.S.W., 2650
Tel.: (069) 25 4144

ZONE 8:

Inspector,
Fire Station,
32 Denison Street,
WOLLONGONG, N.S.W., 2500
Tel.: (042) 29 1305

ZONE 9:

Inspector,
P.O. Box 668,
PORT MACQUARIE, N.S.W., 2444
Tel.: (065) 83 8588

NEWCASTLE:

Inspector,
Fire Station,
44 Union Street,
NEWCASTLE, N.S.W., 2300
Tel.: (049) 29 3345



N.S.W. ZONES AND FIRE DISTRICTS

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