

**Carrathool Shire Council
Emergency
Management Plan
September 2020**



Part 1 – Administration

Authority

The Carrathool Shire Council Local Emergency Management Plan (EMPLAN) has been prepared by the Carrathool Shire Council Local Emergency Management Committee in compliance with the State Emergency & Rescue Management Act 1989.

APPROVED

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Chair

Local Emergency Management Committee

Dated:

ENDORSED

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Chair

Regional Emergency Management Committee

Dated:

Contents

Part 1 – Administration	2
Authority.....	2
Contents.....	3
Purpose.....	4
Objectives	4
Scope.....	4
Principles	5
Test and Review Process	5
Part 2 – Community Context.....	6
Annexure A – Community Profile	6
General.....	6
Landform and Topography	6
Climate	6
Land Use.....	6
Population and People	7
Transport Routes and Facilities.....	7
Economy and Industry.....	8
Annexure B – Hazards and Risks Summary.....	9
Annexure C – Local Sub Plans, Supporting Plans and Policies.....	13
Part 3 – Restricted Operational Information.....	14
Annexure D – Community Assets	14
Key Resources and Locations.....	14
Key Infrastructure	20
Annexure E – Vulnerable Facilities List.....	22
Annexure F – Consequence Management Guides	23

Purpose

Details arrangements for, prevention of, preparation for, response to and recovery from emergencies within the Local Government Area(s) covered by this plan.

It encompasses arrangements for:

- emergencies controlled by combat agencies;
- emergencies controlled by combat agencies and supported by the Local Emergency Operations Controller (LEOCON);
- emergency operations for which there is no combat agency; and
- circumstances where a combat agency has passed control to the LEOCON.

Objectives

The objectives of this plan are to:

- define participating organisation and Functional Area roles and responsibilities in preparation for, response to and recovery from emergencies;
- set out the control, co-ordination and liaison arrangements at the Local level;
- detail activation and alerting arrangements for involved agencies; and
- detail arrangements for the acquisition and co-ordination of resources.

Scope

The plan describes the arrangements at Local level to prevent, prepare for, respond to and recover from emergencies and also provides policy direction for the preparation of Sub Plans and Supporting Plans:

- Arrangements detailed in this plan are based on the assumption that the resources upon which the plan relies are available when required; and
- The effectiveness of arrangements detailed in this plan are dependent upon all involved agencies preparing, testing and maintaining appropriate internal instructions, and/or standing operating procedures.

Principles

The following principles are applied in this plan:

- a) The Emergency Risk Management (ERM) process is to be used as the basis for emergency planning in New South Wales. This methodical approach to the planning process is to be applied by Emergency Management Committees at all levels.
- b) Responsibility for preparation, response and recovery rests initially at Local level. If Local agencies and available resources are not sufficient they are augmented by those at Regional level.
- c) Control of emergency response and recovery operations is conducted at the lowest effective level.
- d) Agencies may deploy their own resources from their own service from outside the affected Local area or Region if they are needed.
- e) The Local Emergency Operations Controller (LEOCON) is responsible, when requested by a combat agency, to co-ordinate the provision of resources support. LEOCONs would not normally assume control from a combat agency unless the situation can no longer be contained. Where necessary, this should only be done after consultation with the Regional Emergency Operations Controller (REOCON) and agreement of the combat agency and the appropriate level of control.
- f) Emergency preparation, response and recovery operations should be conducted with all agencies carrying out their normal functions wherever possible.
- g) Prevention measures remain the responsibility of authorities/agencies charged by statute with the responsibility.

Test and Review Process

The Carrathool Shire Council Local Emergency Management Committee (LEMC) will review this Plan every three (3) years, or following any:

- activation of the Plan in response to an emergency;
- legislative changes affecting the Plan; and
- exercises conducted to test all or part of the Plan.

Part 2 – Community Context

Annexure A – Community Profile

General

Carrathool Shire is located in the Riverina district of NSW. Goolgowi, where the main office of the Shire is based is 695km from Sydney and 509km from Melbourne. Carrathool Shire consists of the towns Hillston and Goolgowi, as well as the surrounding villages of Merriwagga, Rankins Springs and Carrathool. The Shire boasts two rivers, 5 National Parks, and a booming agricultural industry. Carrathool Shire covers 19,000 sq. km and has a population of 2,719 (Census 2016). Two thirds of the population are based in towns and villages, the remaining one third reside in rural areas.

Landform and Topography

Lachlan Ranges, Conapaira Ranges, Lachlan River, Murrumbidgee River, groundwater, channel water MI, irrigation farming country, dryland farming country. Hillston is 121m above sea level.

Climate

The climate in the Carrathool Shire has a strong seasonal cycle, with cool to cold winters and warm to hot summers. It is considered likely to be one of the regions of NSW most severely impacted by climate change because of increasing temperatures, changes in the volume and distribution of rainfall and decreased river flows. Average rainfall in the Hillston area is 370mm (14 inches).

The hottest month is January with a mean maximum temperature of 33° but temperatures consistently reach above 40° during the summer months. The coldest month is July with a mean minimum temperature of 3.8° (Hillston)

Land Use

Agriculture and farming covers most of the Carrathool Shire this includes both irrigation areas and dryland farming. Water is available from underground aquifers. Carrathool Shire (LGA) has 15 protected areas including 5 national parks and 7 reserves covering an area of 111,050ha.

Land Use Zone / Type / Classification	Area	% of LGA
RU5 Villages	3.610km ²	0.02%
RU1 Primary Production	18073.629km ²	95.46%
R5 Large Lot Residential	2.738km ²	0.01%
IN1 General Industrial	0.365	<0.01%
RU3 Forestry	105.733km ²	0.56%
SP2 Infrastructure	2.714km ²	0.01%
E1 National Parks and Nature Reserves	743.711km ²	3.93%

Population and People

In the 2016 Census, there were 2,719 people in the Carrathool Shire (Local Government Area) of these 52.2% were male and 47.8% were female. Aboriginal and Torres Strait Islander people made up 6.8% of the population. The median age of people was 40 years. Children aged 0-14 years made up 19.8% of the population and people aged over 65 years made up 14.7% of the population.

Dwellings

Of occupied private dwellings in the Carrathool Shire (LGA), 93.9% are separate houses, 3.0% are a flat, unit or apartment and 2.3% are noted as other. Of occupied private dwellings 3.8% have 1 bedroom, 12.3% have 2 bedrooms, 43.3% have 3 bedrooms and 35.6% have 4 or more bedrooms. The average number of bedrooms per occupied private dwelling was 3.2. The average household size is 2.4. Of all households 69.0% were family households, 27.6% were single person households and 3.4% were group households.

Language

In the Carrathool Shire (LGA) 86.3% spoke only English at home. Other languages spoken at home included Korean 0.6%, Italian 0.5%, Punjabi 0.5%, Afrikaans 0.5% and Mandarin 0.5%.

Employment

There were 1,429 people who reported being in the labour force in the week before Census night in the Carrathool Shire (LGA). Of these 61.7% were employed full time, 27.0% were employed part time and 3.2% were unemployed. The most common occupations included Managers 33.2%, labourers 19.1%, machinery operators and drivers 10.9%.

Transport Routes and Facilities

The Village of Merriwagga along with the towns of Goolgowi and Hillston are located on the Kidman Way which is a popular transport route between Melbourne and the North of

Australia. Carrathool Shire has a road network of just less than 3,000km which is the 2nd largest road network in NSW. Approximately 70% of the roads in the Carrathool Shire are unsealed with many impassable during wet weather.

There is no public transport available in the Carrathool Shire. There are 2 taxi trucks that can take passengers to Griffith (110km) from Hillston. The HACC (Home and Community Care) Service run by the Carrathool Shire have a Community Car which predominately caters for the elderly and transport disadvantaged and travels to Griffith, Wagga and Albury as required. Air services and bus services to Sydney and Melbourne are available from Griffith.

Hillston has an airstrip that caters for small aircraft which is also equipped with lights for night time use. Goolgowi has a dirt airstrip located on the Kidman Way south of Goolgowi.

Economy and Industry

Carrathool Shire has a significant agricultural industry. This includes dry land and irrigation areas with crops such as wheat, oats, barley, lupins, canola, cotton, oranges, potatoes, cherries, walnuts, almonds, olives, capers and jojoba as well as sheep, cattle, a feedlot and chicken farms.

52.8% of the Carrathool Shire (LGA) were employed in the agricultural industry in 2016.

Annexure B – Hazards and Risks Summary

A Local Emergency Risk Management (ERM) Study has been undertaken by the Carrathool Shire Local Emergency Management Committee identifying the following hazards as having risk of causing loss of life, property, utilities, services and/or the community's ability to function within its normal capacity. These hazards have been identified as having the potential to create an emergency. The Name Emergency Risk Management Study should be referenced to identify the complete list of consequences and risk descriptions.

Hazard	Risk Description	Likelihood Rating	Consequence Rating	Risk Priority	Combat / Responsible Agency
Agricultural Disease (Animal)	An agriculture/horticulture incident that results, or has potential to result, in the spread of a communicable disease or infestation.	Possible	Major	Medium	Department of Primary Industries
Bridge Collapse	Failure of a major bridge structure with or without warning owing to structural failure or as a result of external/ internal events or other hazards/ incidents.	Possible	Major	High	LEOCON
Building Collapse	Collapse of building owing to structural failure or impact from external/internal event of other hazards /incidents.	Possible	Moderate	High	FRNSW (USAR) LEOCON
Communicable Disease (Human)	Pandemic illness that affects, or has potential to affect, large portions of the human or animal population	Possible	Major	Medium	Department of Health

Hazard	Risk Description	Likelihood Rating	Consequence Rating	Risk Priority	Combat / Responsible Agency
Earthquake	Earthquake of significant strength that results in localised or widespread damage.	Rare	Insignificant	Low	LEOCON
Fire (Bush or Grass)	Major fires in areas of bush or grasslands.	Likely	Moderate	Medium	NSW RFS FRNSW
Fire(Industrial)	Serious industrial fire in office complexes and/or warehouses within industrial estates.	Unlikely	Minor	Low	FRNSW NSW RFS
Fire (Commercial)	Serious commercial fires in shopping centres, aged persons units, nursing homes and hospitals.	Possible	Moderate	Medium	FRNSW NSW RFS
Flood(Riverine)	River flows exceed the capacity of normal river systems resulting in flood waters escaping and inundating river plains	Possible	Moderate	Medium	NSW SES
Hazardous Release	Hazardous material released as a result of an incident or accident.	Possible	Moderate	Medium	FRNSW
Heatwave	A sequence of abnormally hot conditions having the potential to affect a community adversely.	Possible	Moderate	Medium	SEOCON

Hazard	Risk Description	Likelihood Rating	Consequence Rating	Risk Priority	Combat / Responsible Agency
Landslip	Landslip/landslide resulting in localised or widespread damage.	Rare	Insignificant	Low	LEOCON
Storm	Severe storm with accompanying lightning, hail, wind, and/or rain that causes severe damage and/or localised flooding.(includes tornado)	Possible	Moderate	Medium	NSW SES
Transport Emergency (Air)	Aircraft crashes in LGA resulting in large number of fatalities, injuries and/or damage to property.	Possible	Minor	Medium	LEOCON
Transport Emergency (Road)	A major vehicle accident that disrupts one or more major transport routes that can result in risk to people trapped in traffic jams; restrict supply routes and/or protracted loss of access to or from the area.	Possible	Moderate	Medium	LEOCON
Transport Accident involving animals	A transport accident that requires coordinated response to manage health and safety of rescuers and public and maintain animal welfare.	Possible	Moderate	Medium	LEOCON

Hazard	Risk Description	Likelihood Rating	Consequence Rating	Risk Priority	Combat / Responsible Agency
Utilities Failure	Major failure of essential utility for unreasonable periods of time as a result of a natural or man-made occurrence.	Possible	Moderate	Medium	LEOCON

Annexure C – Local Sub Plans, Supporting Plans and Policies

Responsibility for the preparation and maintenance of appropriate sub and supporting plans rest with the relevant Combat Agency Controller or the relevant Functional Area Coordinator.

The sub/supporting plans are developed in consultation with the Carrathool Shire LEMC and the community.

The plans listed below are supplementary to this EMPLAN. The sub/supporting plans have been endorsed by the LEMC and are determined as compliant and complimentary to the arrangements listed in this EMPLAN.

These plans are retained by the LEMO on behalf of the LEMC and public release versions are available on the Council Website.

Plan/Policy	Purpose	Combat / Responsible Agency
Hillston Aerodrome Emergency Management Plan	To identify resources and procedures to provide assistance for aircraft in distress and to provide search and rescue in the event of a downed aircraft.	Local Emergency Operations Controller
Carrathool Shire Local Flood Plan	Identifies the preparedness measures for response operations and coordination of immediate recovery methods from flooding.	NSW State Emergency Service
Hillston School Emergency Plan	Identifies action to be taken in the event of an emergency at the Hillston Central School	NSW Police Force

Part 3 – Restricted Operational Information

Annexure D – Community Assets

Key Resources and Locations

Emergency Operations Centre(s)

Carrathool Shire Council
Hillston District Office
139-145 High Street
Hillston NSW 2675

Combat Agency Control / Operations Centre(s)

Rural Fire Service
200 Wakaden Street
Griffith NSW 2680

Goolgowi SES
Telephone: 132 500

Hillston SES
Patterson Street
Hillston NSW 2675
Telephone: 132 500

Hillston Fire & Rescue
132 High Street
Hillston NSW 2675

Police Station(s)

Hillston Police Station
40 Molesworth Street
Hillston NSW 2675
Supervisor – Northern Sector – 0428 672 544

Goolgowi Police Station
6 Stipa Street
Goolgowi NSW 2652

Rankins Springs Police Station
3 Ninti Street
Rankins Springs NSW 2669

Fire Station(s)

Hillston Fire Station
132 High Street
Hillston NSW 2675

Ambulance Station(s)

Hillston Ambulance Station
210 High Street
Hillston NSW 2675

Station Officer
Felicity Hutchison
PH/Fax:02 69672470
Mob: 0427921724

Griffith Zone Manager
Ph: 02 6964 4989
Fax: 02 6964 7781
Mob: 0427 290 309

Rural Fire Service
Fire Control Centre
Griffith
Ph: (02) 6966 7803

State Emergency Service Units

Hillston SES
Patterson Street
Hillston NSW 2675
132500

Goolgowi SES
132 500

Accredited Rescue Units

SES Goolgowi
132 500

SES Hillston
132 500

Fire & Rescue Hillston
132 High Street
Hillston NSW 2675
02 6967 2610

Hospitals, Medical Facilities and Capability

Hillston Multipurpose Centre
48 Burns Street
Hillston NSW 2675

Capacity/Capability - 15 beds (10 permanent residents as at 25 August 2015)
3 Emergency Department Beds

Hillston Medical Centre
48c Burns Street
Hillston NSW 2675

Evacuation Centres, Activation and Capacity

Centre Name: Hillston Community Hall			
Street Address:			
		Oxley Avenue	
Suburb / Town:			
		Hillston NSW 2675	
Nearest Cross St or Landmark:			
		Keats Street	
Coordinates:			
		Latitude-33.481088 Longitude 145.535314	
Facility Owner:			
		Carrathool Shire Council	
Facility Type:			
		Community Hall	
Contacts:			
Primary Activation Contact:		Alternate Activation Contact:	
Name:	Paul Farrell	Name:	Rick Warren
Telephone:	02 69617600	Telephone:	02 6965 1900
Mobile:	0429 690 060	Mobile:	0447 869 992
Other:		Other:	
Capacity			
Short Term (2.0 m2 per person)		371	
Long Term (3.5 m2 per person)		212	
Time required to set –up			
Last Audit Date			

Centre Name: Goolgowi Hall			
Street Address:			
		Farrer Street	
Suburb / Town:			
		Goolgowi NSW 2652	
Nearest Cross St or Landmark:			
		Napier Street	
Coordinates:			
		Latitude -33.979243 Longitude 145.708285	
Facility Owner:			
		Carrathool Shire Council	
Facility Type:			
		Community Hall	
Contacts:			
Primary Activation Contact:		Alternate Activation Contact:	
Name:	Paul Farrell	Name:	Rick Warren
Telephone:	02 6961 7600	Telephone:	02 6965 1900
Mobile:	0429 690 060	Mobile:	0447 869 992
Other:		Other:	
Capacity			
Short Term (2.0 m2 per person)		195	
Long Term (3.5 m2 per person)		111	
Time required to set –up			
Last Audit Date			

Evacuation Centres, Activation and Capacity

Centre Name: Rankins Springs War Memorial Hall			
Street Address: Boomerang Street			
Suburb / Town: Rankins Springs NSW 2669			
Nearest Cross St or Landmark: Bales Avenue			
Coordinates: Latitude -33.842139 Longitude 146.261695			
Facility Owner: Carrathool Shire Council			
Facility Type: Community Hall			
Contacts:			
Primary Activation Contact:		Alternate Activation Contact:	
Name:	Paul Farrell	Name:	Rick Warren
Telephone:	02 6961 7600	Telephone:	02 6965 1900
Mobile:	0429 690 060	Mobile:	0447 869 992
Other:		Other:	
Capacity			
Short Term (2.0 m2 per person)		247	
Long Term (3.5 m2 per person)		141	
Time required to set –up			
Last Audit Date			

Centre Name: Merriwagga Community Hall			
Street Address: Mons Street			
Suburb / Town: Merriwagga NSW 2652			
Nearest Cross St or Landmark: Fingal Street			
Coordinates: Latitude -33.816263 Longitude 145.624128			
Facility Owner: Carrathool Shire Council			
Facility Type: Community Hall			
Contacts:			
Primary Activation Contact:		Alternate Activation Contact:	
Name:	Paul Farrell	Name:	Rick Warren
Telephone:	02 6961 7600	Telephone:	02 6965 1900
Mobile:	0429 690 060	Mobile:	0447 869 992
Other:		Other:	
Capacity			
Short Term (2.0 m2 per person)		187	
Long Term (3.5 m2 per person)		107	
Time required to set –up			
Last Audit Date			

Evacuation Centres, Activation and Capacity

Centre Name: Carrathool Community Hall			
Street Address:		Glover Street	
Suburb / Town:		Carrathool NSW 2711	
Nearest Cross St or Landmark:		Gordon Street	
Coordinates:		Latitude -34.408189 Longitude 145.434998	
Facility Owner:		Carrathool Shire Council	
Facility Type:		Community Hall	
Contacts:			
Primary Activation Contact:		Alternate Activation Contact:	
Name:	Paul Farrell	Name:	Rick Warren
Telephone:	02 6961 7600	Telephone:	02 6965 1900
Mobile:	0429 690 060	Mobile:	0447 869 992
Other:		Other:	
Capacity			
Short Term (2.0 m2 per person)		230	
Long Term (3.5 m2 per person)		131	
Time required to set –up			
Last Audit Date		1	

Key Infrastructure

Power Stations, Sub Stations and Key Distribution Points

Country Energy Substation
10793 Kidman Way
Hillston NSW 2675

Essential Energy Depot
116 High Street
Hillston NSW 2675

Water Treatment and Key Distribution Networks

Hillston Water Works
131 Lachlan River Road
Hillston NSW 2675

Hillston Aerodrome – Bore 4
Boundary Road
Hillston NSW 2675

Langtree Bore Site
“Paradise”
Merriwagga NSW 2652

Palmyra Swamp
Midwestern Highway
Goolgowi NSW 2652

Goolgowi Dam
Cnr Midwestern Highway & Kidman Way
Goolgowi NSW 2675

Carrathool Bore
Cnr Glover & Cambridge Sts
Carrathool NSW 2711

Melbergen Bore Site
Lachlan Valley Way
Hillston NSW 2675

Myall Park Channel
Blackgate Road
Myall Park NSW 2681

R2 Dam
756 Billings Road
Myall Park NSW 2681

Rankins Springs Chlorinator
Whitton Stock Route
Rankins Springs

Sewerage Treatment and Key Networks

Hillston Sewerage Treatment Works

11398 Kidman Way
Hillston NSW 2075

7 Sewer Pump Stations

Goolgowi Sewerage Ponds

Goolgowi NSW 2652

4 Sewer Pump Stations

Fuel Depots

Lowes Petroleum (No aviation fuel available)
165-167 Cowper Street
Hillston NSW 2675

IOR Fuel Station (Unmanned)

The Springs Road
Hillston NSW 2675

Telephone Exchanges

Telstra
(Rear) 190 High Street
Hillston NSW 2675

Mobile Phone Infrastructure Locations

Telstra Tower
Norwood Lane
Hillston NSW 2675

Optus Tower
Kidman Way
Goolgowi NSW 2652

Radio Tower Infrastructure

Mt Bingar

Mt Bootheraganda

Warranary Hill (Roto)

Conapaira Trig (Rankins Springs)

Annexure E – Vulnerable Facilities List

Type	Address	Telephone	Population
Primary School	15-17 Florence Street, Hillston	02 6967 2462	95
Central School (Includes Primary & Secondary students)	62-80 Moore Street, Hillston (includes Primary School)	02 6967 2277	200
Primary School	Boree Street, Rankins Springs	02 6966 1206	27
Primary School	Penny Street, Goolgowi	02 6965 1207	65
Aged Care Facility	48D Burns Street, Hillston	02 6967 2727	29
Aged Care Facility	60 Byron Street Hillston (7 Units)	Various (L Fisk 0427 519 982)	7
Hospital (Public)	48C Burns Street, Hillston	02 6961 7200	10 Permanent 15 Capacity Approx 12 staff
Primary School	Glover Street, Carrathool	02 6993 5143	18
Day Care Centre	61 Burns Street, Hillston	02 6967 2358	Varies between 3-20 children 5 staff
Day Care Centre	12 Florence Street, Hillston	02 6967 1803	19

Annexure F – Consequence Management Guides

The following consequence management guides relate to hazards that are rated Moderate or require significant coordination.

Agricultural Disease

Bridge Collapse

Building Collapse

Evacuations

Fire – Bush/Grass

Fire – Commercial

Fire – Residential

Flood – Flash

Flood – Riverine

Hazardous Materials

Heat Wave

Transport Emergency – Road

Utilities Failure