





The safety of residents is very important to Stockland. As part of the masterplan for the Calleya development, an assessment has been completed to identify potential extreme weather and fire events.

This Community Resilience Plan (CRP) has been put together to help residents understand what local climatic events can occur, and what can be done to prepare and take action if they do.

The CRP provides information with the aim to enable community self-reliance in the event of an emergency through four phases - prevention, preparedness, response and recovery.

PLEASE NOTE: This CRP is a guide only, and we remind residents to always keep themselves safe, informed and prepared.





Community and Climate Overview

Calleya is a Stockland masterplanned community located in Treeby (formerly Banjup) within the City of Cockburn, around 23 kilometres south of Perth, Western Australia. The development will contain a range of residential living options and includes provision for a town centre, primary school and retirement living, as well as parks and playgrounds, childcare centres and other community facilities.

Local climate for the Perth region is predominantly influenced by the seasonal north-south movement of a high pressure system known as the sub-tropical ridge, which typically results in warm, dry summers and mild, wet winters. Proximity to the coastline also influences local climate, with higher rainfall experienced in coastal areas.

Average summer temperatures range from a minimum 16.3°C to maximum 31.6°C with the hottest days typically occurring in February.

Average winter temperatures range from a minimum 7.7°C to maximum 19.4°C with the coldest temperatures occurring in July.

Extreme temperatures above 35°C can be experienced in summer and can create ideal conditions for bushfires, which are a natural occurrence throughout Australia. Perth currently experiences an average of 28 days per year above 35°C and extreme heat days are anticipated to increase.

Rainfall patterns are typically seasonal, with higher rainfall experienced during winter months and lower rainfall in summer. Trends indicate variability in the amount of rainfall received from year to year. While cyclones do not typically occur within the region, flow-on effects of cyclones occurring further north, tropical lows and other storm events may result in periods of heavy rainfall, particularly in proximity to the coastline.

Specific climate factors

There are several climate factors that Calleya community residents should be aware of, so as to be better prepared in the event of an extreme weather event:

- The location of the community currently mapped within or in proximity to a designated bushfire-prone area, with areas of bushland susceptible to bushfire
- Local climate and the regular occurrence of days above 35°C, particularly during summer
- Projections indicate a significant increase in extreme heat events over 35°C, increasing the risk of heat stress and fire weather days
- Increased intensity of rainfall events that potentially pose access and egress risks (road closures) as well as drainage capacity issues.





Regional climate resources



Extreme heat

The WA Department of Health provides information on heatwaves, including tips on how to prevent heat stress and links to further information regarding heat and different age groups, pets, exercise, clothing, food safety, sleep and working safely in hot conditions

http://bit.ly/1K1JBW9



Bushfires

The WA Department of Fire & Emergency Services provides information on how to prepare an emergency kit, including resources for specific natural disasters such as bushfires:

http://bit.ly/2ngTLIL

The WA Department of Fire & Emergency Services provides information on how to prepare emergency and survival plans, including resources for specific natural disasters such as bushfires:

http://bit.ly/2eKo4pc

A checklist for bushfire warnings, what they mean and how to respond is provided by WA Department of Fire & Emergency Services here:

http://bit.ly/2neNuMQ

Information on how to prepare, act and survive bushfire events and links to The Homeowner's Bushfire Survival Manual is provided on WA Department of Fire & Emergency Services' website here:

http://bit.ly/2cI4vzt

Cockburn City Council provides information on controlled burning and links to firebreak contractors for residents:

http://bit.ly/2ngPi8T

Cockburn City Council has implemented the City of Cockburn Bushfire Risk Management Plan 2015-2020, available at:

http://bit.ly/2o3Z1D5



Extreme rainfall and localised flooding

The WA Department of Fire & Emergency Services provides information on how to prepare an emergency kit, including resources for specific natural disasters such as floods, storms and cyclones:

http://bit.ly/2ngTLIL

The WA Department of Fire & Emergency Services provides information on how to prepare emergency and survival plans, including resources for specific natural disasters such as floods:

http://bit.ly/2k2eW08

Information on how to prepare, act and survive flood events and links to the Flood Smart guidelines is provided on WA Department of Fire & Emergency Services' website here:

http://bit.ly/2oeeOMZ





Emergency Checklist

Residents' Emergency Response Information - keep handy to help in the event of extreme weather

Emergency contacts

- Life-threatening emergencies 000 (triple zero); mobiles (000 and 112)
- Police/fire/ambulance 000 (triple zero); mobiles (000 and 112)
- Cockburn Police Station (non-emergency) 13 14 44
- Fiona Stanley Hospital, Murdoch (08) 6152 2222
- State Emergency Services (SES) for flood and storm response 132 500
- Water Corporation (general enquiries) 13 13 85 (8am 5pm Monday to Friday) (service faults and emergencies – 24 hour line) – 13 13 75
- Western Power (general enquiries) 13 10 87 (7am 5pm Monday to Friday) (emergencies and outages): – 13 13 51
- ATCO Gas Australia 13 13 56
- The WA Department of Fire & Emergency Services (DFES) lists a number of important contacts for use during an emergency, including phone numbers for local public utilities and service providers: http://bit.ly/2ny6SrB
- The City of Cockburn provides a list of emergency management contacts and information: – http://bit.ly/2ngX4iY

Key community contacts

WA Department of Fire & Emergency Services (DFES) emergency information phone line (13 DFES or 13 3337)

DFES provides advice on who to contact during an emergency: http://bit.ly/2o41NYY

- Cockburn City Council: (08) 9411 3444
 http://bit.ly/2lZUWys
- A list of Council contact numbers is provided here: http://bit.ly/2mNM7cn
- City of Cockburn Community Directory: http://bit.ly/2ow1YJ7

Nominated emergency shelter location(s) for the community

The City of Cockburn Local Emergency Management Plan (LEMP) (2011) provides information on prevention, response and recovery for emergencies: http://bit.ly/2mNZglR

There is no specific shelter location nominated, but Council recommends using building/school evacuation procedures and agreed meeting points. Advice is given for household members to agree on a place to meet if separated.

Emergency coordination centres for emergency management personnel are also listed in the Local Emergency Management Plan (2011).

The City of Cockburn has created the Disaster Aware smart phone app which helps understand relevant risks and how to best prepare for them. It also provides notifications of emergencies unfolding within the City of Cockburn including details of local evacuation centre locations, including:

Aubin Grove Community Centre

Beeliar Community Centre

Success Regional Sports Centre

Wally Hagan Basketball Stadium

The Disaster Aware app can be donwloaded from http://bit.ly/2nJYkyn

Information on how to develop an emergency plan and emergency kit for the community

The WA Department of Fire & Emergency Services provides information on how to prepare an emergency kit, including resources for specific natural disasters: http://bit.ly/2ngTLIL

The WA Department of Fire & Emergency Services provides information on how to prepare emergency and survival plans, including resources for specific natural disasters: http://bit.ly/2nf2qdL

Information on planning for an emergency can be found on the City of Cockburn 'Family Emergency Planning' website, with links to further resources for preparing for an emergency, including planning for pets and livestock: http://bit.ly/2ovP4La

Red Cross RediPlan, a free disaster preparedness guide: http://bit.ly/2h9quNl

Communication channels to keep you informed

Emergency WA website provides an interactive map with up-to-date information on current warnings and incidents: http://bit.ly/2eIU8bA

WA Department of Fire & Emergency Services (DFES) emergency information phone line (13 DFES or 13 3337).

Follow DFES on Twitter at www.twitter.com/dfes_wa

The national Emergency Alert telephone warning system can provide warnings to all mobile phones based on last known location of the handset. There is no need to register for this service. Further information is available here: http://bit.ly/14qHK9N

The City of Cockburn has created a Disaster Aware app for smart phones to communicate emergency and hazard risks to residents and provide information on how best to prepare. The app is available at: http://bit.ly/2nJYkyn

Local ABC Perth Radio 720 AM provides up-to-date information on the latest news, warnings and emergency updates, as relevant. Tune into 720 AM or visit their website at: http://ab.co/2nf9R4y

Guidelines for disaster prevention and emergency procedures

The WA Office of Emergency Management provides information on risk reduction activities and what to do before, during and after an emergency: http://bit.ly/208ul3M

The WA Office of Emergency Management provides educational information and videos on the types of hazards to which WA residents may be exposed: http://bit.ly/2ny8pxR

The City of Cockburn Local Emergency Management Plan (LEMP) (2011) provides information on prevention, response and recovery for emergencies: http://bit.ly/2mNZglR



