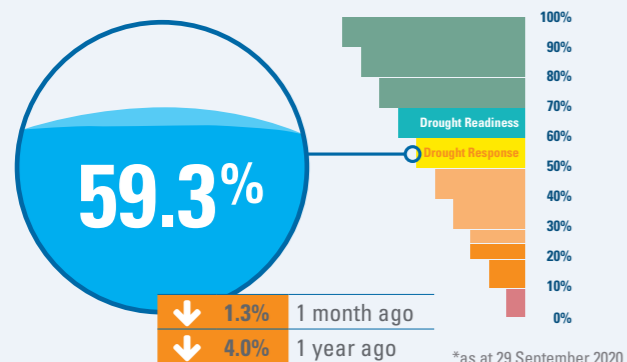
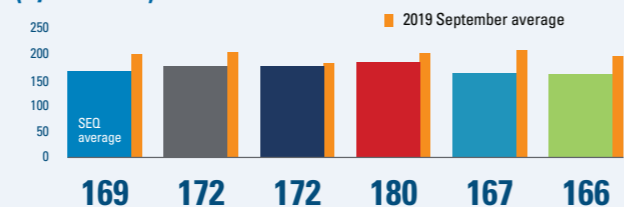


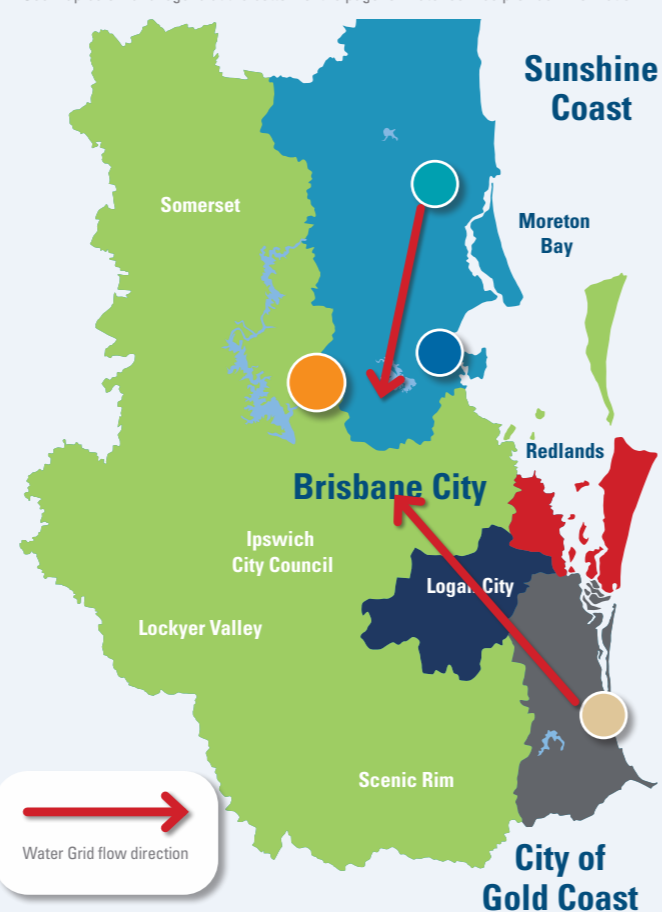
Water Grid capacity



Average daily residential consumption (L/Person)



*Data range is 27/08/2020 – 23/09/2020 and 29/08/2019 – 25/09/2019
See map below and legend at the bottom of the page for water service provider information



Dam storage levels

*Data correct at 29 September 2020 – Dams selected are largest storages for North, South and Central areas. Visit the Seqwater website for more information.

Baroon Pocket

Full supply capacity **61,000 ML**
Current capacity **52,762 ML**

↓ 0.8% 1 week ago
↓ 2.5% 1 month ago
↓ 4.7% 1 year ago

STORAGE LEVEL 86.5%

North Pine (Lake Samsonvale)

Full supply capacity **214,302 ML**
Current capacity **118,669 ML**

↓ 0.6% 1 week ago
↓ 2.1% 1 month ago
↓ 8.6% 1 year ago

STORAGE LEVEL 55.4%

Wivenhoe/Somerset

Full supply capacity **1,545,089 ML¹**
Current capacity **798,830 ML**

↓ 0.6% 1 week ago
↓ 1.6% 1 month ago
↓ 4.4% 1 year ago

STORAGE LEVEL 51.7%

¹combined dam levels

Hinze

Full supply capacity **310,730 ML**
Current capacity **277,473 ML**

↓ 0.6% 1 week ago
↓ 2.2% 1 month ago
↓ 0.4% 1 year ago

STORAGE LEVEL 89.3%

South East Queensland (SEQ) is currently in Drought Response with Water Grid storage at 59.3%, down from 60.9% last month.

The Drought Response plan is now in effect and information on how to help reduce water usage, and remind residents of drought, continues to be provided to SEQ communities from Seqwater and water service providers. The Gold Coast Desalination Plant is currently operating up to 100% capacity to increase water supply. Our off-grid communities (those areas that are not connected to the Water Grid) are being monitored closely and Seqwater continues to work closely with the water service providers to ensure water supply to those communities.

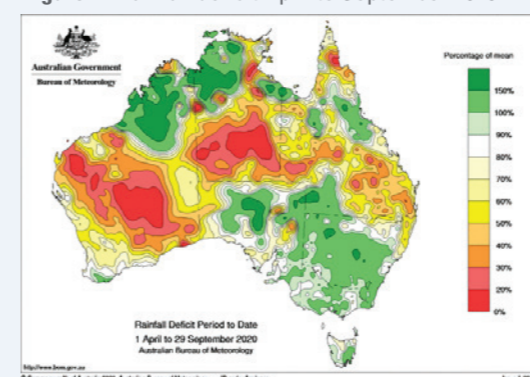
September was another dry month for SEQ with only limited rain falling in the Brisbane area. Lake Wivenhoe – the region's largest water storage – has now had four consecutive months of levels below 50%. This is the first time this has happened since the Millennium Drought in 2009.

Although inflows to the dams were down this month, average SEQ water usage remains low at 169 LPD compared to 2019 usage this time last year at 200 LPD. This comparative saving of 31 LPD shows that SEQ residents continue to understand the importance of being waterwise now that we are in Drought Response.

The Southern Regional Water Pipeline (SRWP) continues to operate in a northerly direction supported by the Gold Coast Desalination Plant when required. The Northern Pipeline is currently operating in a southerly direction. The grid flow operations help to distribute water in SEQ where it is needed most.

Although there has been dry weather recently, The Bureau of Meteorology (BOM) outlook for October to December is for wetter than average conditions with a 60-80% chance of above median rainfall and for a wetter summer ahead. The El Niño/Southern Oscillation outlook from BOM has moved from "La Niña ALERT" to "La Niña" with modelling suggesting Central and eastern tropical Pacific Ocean sea surface temperatures meet La Niña thresholds.

Figure 2: Rainfall deficit April to September 2020



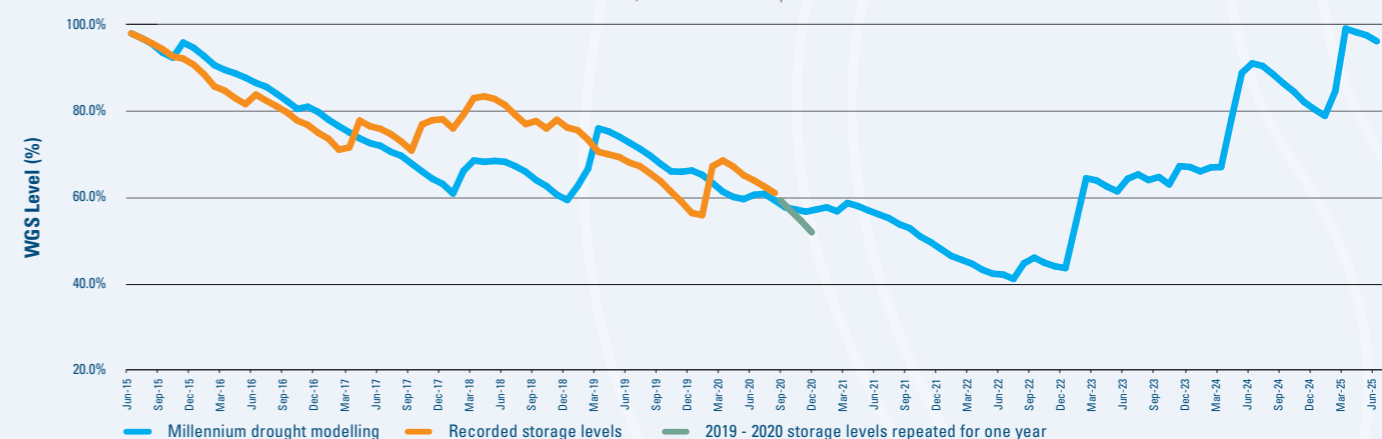
Water Grid storage

Water Grid storage actual drawdown to 29th September 2020, and projected draw down.

The Water Grid drawdown graph shows historical storage data and a projected draw down if the same rate observed between September 2019 and December 2019 occurred in the corresponding months from September 2020 until December 2020.¹ The millennium drought is shown to compare drawdowns over an extended drought period (see figure 1). The 2019 data is used as it was a particularly dry year, rainfall is usually higher in the summer period than it was in 2019. The recent rate of storage decline is due to rainfall deficit from April to September 2020 (see figure 2)

Figure 1: Water Grid storage drawdowns.

¹ This projected drawdown does not account for differences in demand and supply conditions in 2020, such as continued operation of the Gold Coast Desalination Plant.



Soil moisture

The rise in deep soil moisture that occurred due to the Feb-March 2020 rainfall continues to slowly decrease and is currently 34.45% full. There still needs to be significant rainfall events to see recovery and inflows into the catchment. (see figure 3).

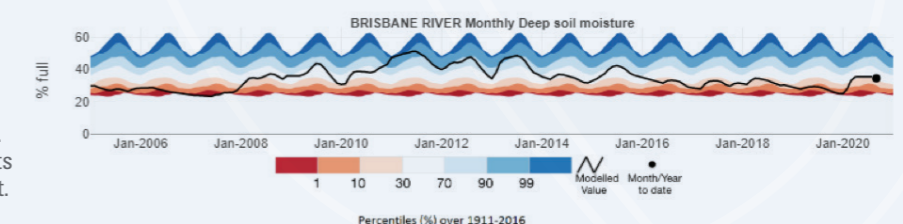
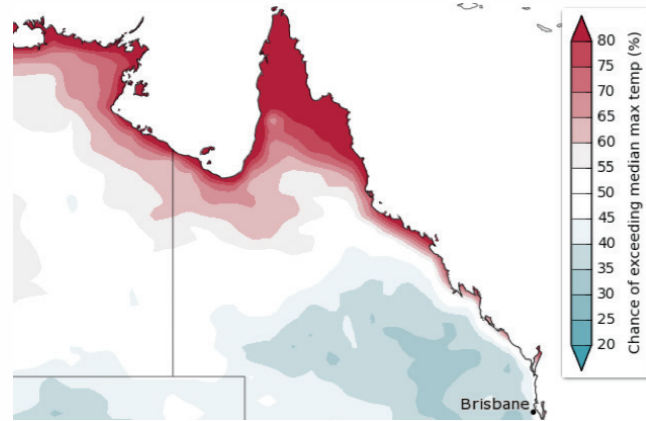


Figure 3: Brisbane River catchment monthly deep soil moisture – modelled estimate to September 2020 (source Bureau of Meteorology AWRA-L)

Weather outlook

Temperature

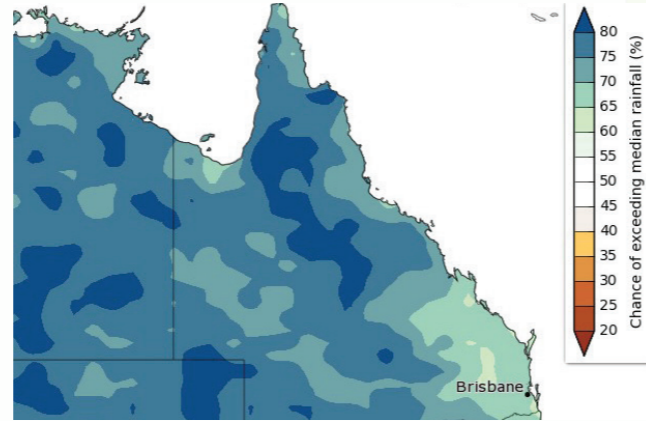
The BOM outlook is for an equal likelihood of exceeding the 27.7°C median temperature for the Brisbane area from October to December with a 45-65% probability. The past accuracy of these predictions has been classed as “very high”.



<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/monthly/0>

Rainfall

The BOM outlook is for a likely chance of exceeding the 269mm median rainfall for the Brisbane area from October to December with a 60-70% probability. The past accuracy of these predictions has been classed as “high”.



Source: <http://www.bom.gov.au/climate/outlooks/#/rainfall/median/monthly/0>

Off-grid community drought status

The SEQ Water Grid allows us to move treated drinking water around the region. Off-grid communities are not connected to the SEQ Water Grid.

This table has been updated as at 29th September 2020.

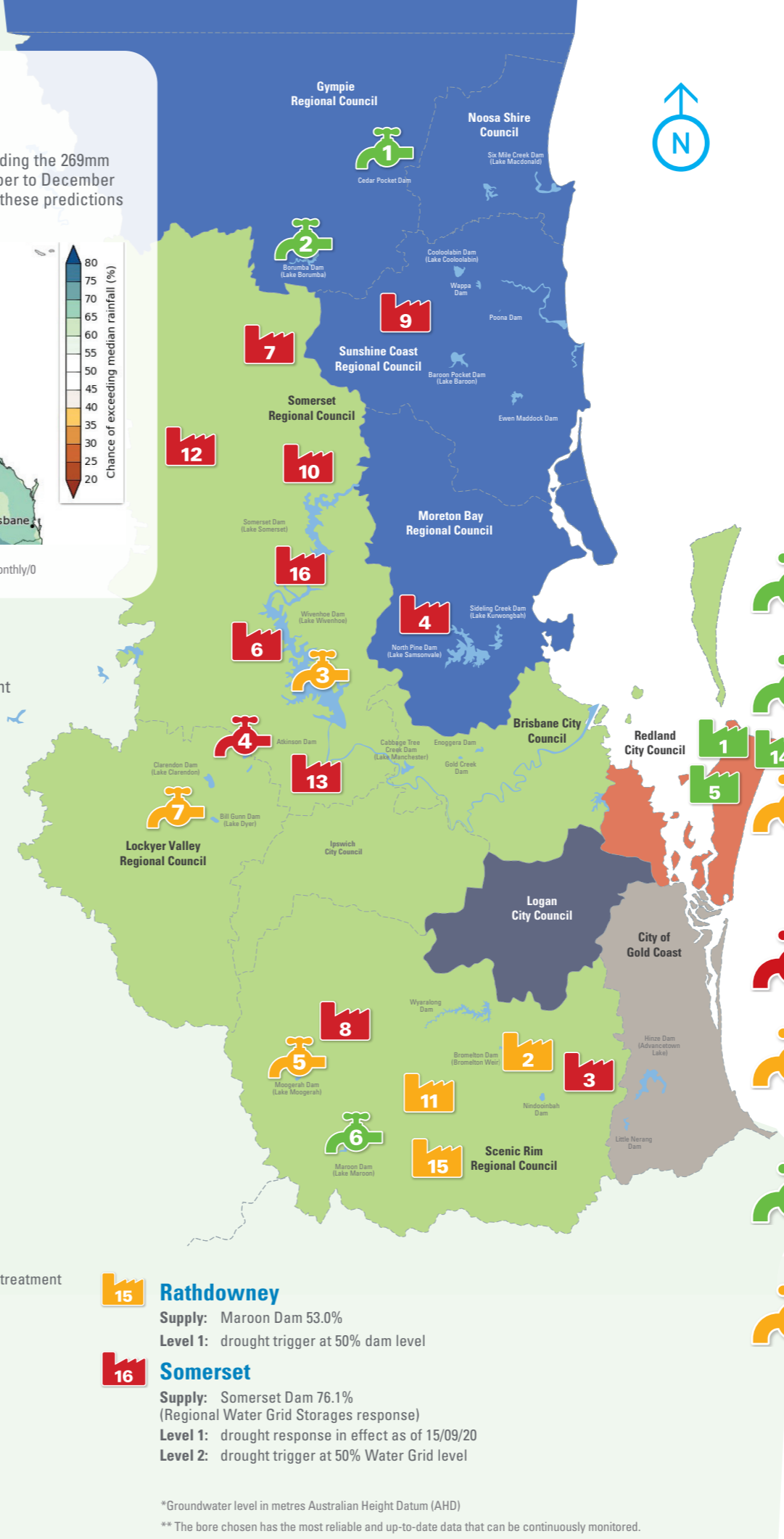
- Low probability of reaching drought trigger in next 3 months
- Medium probability of reaching drought trigger in next 3 months
- High probability of reaching drought trigger in next 3 months

- 1 Amity Point**
Supply: North Stradbroke Island groundwater
Standing water level 16.51 m AHD**
Level 1: drought trigger at 15 m AHD
- 2 Beaudesert**
Supply: Maroon Dam 53.0%
Level 1: drought trigger at 50% dam level
- 3 Canungra**
Supply: Canungra Creek Stream flow ~3.87 ML/day
Level 1: drought response in effect as of 4/6/20
Level 1b: drought trigger at <1 ML/day flow
- 4 Dayboro**
Supply: groundwater
Well No. 1 standing level >RL 40.86 m AHD
Level 1: drought trigger at RL 40.7 m AHD
- 5 Dunwich**
Supply: North Stradbroke Island groundwater
Standing water level 16.51 m AHD**
Level 1: drought trigger at 15 m AHD
- 6 Esk**
Supply: Wivenhoe Dam 43.7%
(Regional Water Grid Storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level
- 7 Jimna**
Supply: Yabba Creek
Plant operating to meet demand
Level 1: drought response in effect as of 6/5/20
Level 3: drought trigger — when the Big Hole is 8m below normal operating level

- 8 Kalbar (Boonah, Aratula and Mount Alford)**
Supply: Moogerah Dam 22.0%
Level 2: drought response in effect as of 30/8/20
Level 3: drought trigger at 15% dam level
- 9 Kenilworth**
Supply: Wells near the Mary River
Bellbird Creek flow ~1.86 ML/day
Level 1: drought trigger at 0 ML/day flow
- 10 Kilcoy**
Supply: Somerset Dam 76.1%
(Regional Water Grid Storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level
- 11 Kooralbyn**
Supply: Maroon Dam 53.0%
Level 1: drought trigger at 50% dam level
- 12 Linville**
Supply: Brisbane River at Linville — 1.71 ML/day
Level 1: drought response in effect as of 15/09/20
Next drought trigger: Cart from Kilcoy when water treatment plant unable to meet demand
- 13 Lowood**
Supply: Wivenhoe Dam 43.7%
(Regional Water Grid Storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level
- 14 Point Lookout**
Supply: North Stradbroke Island groundwater
Standing water level 16.51 m AHD**
Level 1: Drought trigger at 15 m AHD

- 15 Rathdowney**
Supply: Maroon Dam 53.0%
Level 1: drought trigger at 50% dam level
- 16 Somerset**
Supply: Somerset Dam 76.1%
(Regional Water Grid Storages response)
Level 1: drought response in effect as of 15/09/20
Level 2: drought trigger at 50% Water Grid level

*Groundwater level in metres Australian Height Datum (AHD)
** The bore chosen has the most reliable and up-to-date data that can be continuously monitored.



Water Supply Scheme status

Seqwater supplies water to rural landholders and businesses that are licensed to take water from dams and waterways via Water Supply Schemes. The amount of water that can be extracted by licensed irrigators varies according to local water conditions. In times of drought or low flows, irrigation entitlements may be restricted or suspended.

This data has been updated as at 29 September 2020

- 100% allocated
- < 100% allocated
- 0% allocated

- 1 Cedar Pocket Water Supply Scheme**
Cedar Pocket Dam currently 73.3 (down 9.5% from last month)
Announced allocations Medium Priority 100%
- 2 Mary Valley Water Supply Scheme**
Borumba Dam currently 86.1% (down 4.3% from last month)
Announced allocations Medium Priority 100% (also supplies high priority)
- 3 Central Brisbane Water Supply Scheme**
Wivenhoe Dam/Somerset Dam currently 51.7% (down 1.6% from last month)
Announced allocations Medium Priority 70% (also supplies high priority)
* Proposed amendments to water sharing rules in process.
- 4 Lower Lockyer Water Supply Scheme**
Atkinson Dam currently 5.4% (no change from last month)
Announced allocations Medium Priority 0%
- 5 Warril Valley Water Supply Scheme**
Moogerah Dam currently 22.0% (down 3.2% from last month)
Announced allocations Medium Priority 19% (also supplies high priority)
* Proposed amendments to water sharing rules in process.
- 6 Logan River Water Supply Scheme**
Maroon Dam currently 53.0% (down 2.3% from last month)
Announced allocations Medium Priority 100% (also supplies high priority)
- 7 Central Lockyer Water Supply Scheme**
Clarendon Dam & Bill Gunn Dam currently 2.3% (no change from last month)
Announced allocation (surface water) Morton Vale 0%, Medium Priority 0% (all zones)
Announced allocation (ground water) Medium Priority 80%, Low Priority 60%