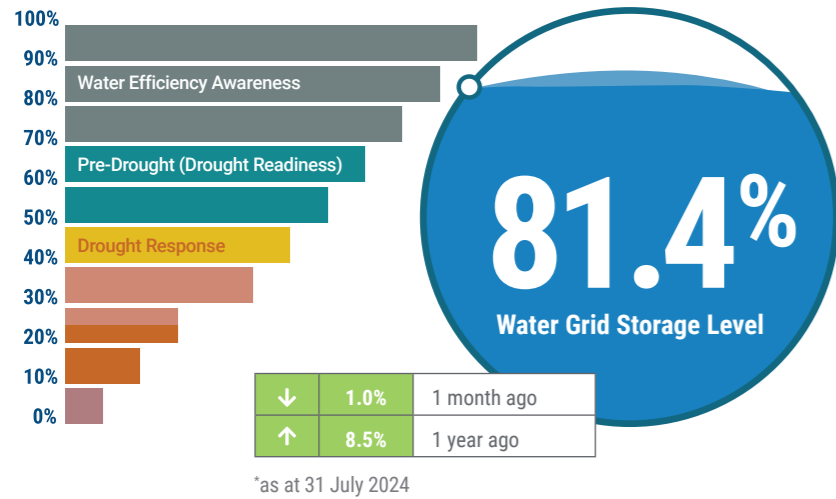


# WATER SECURITY STATUS REPORT July 2024

## Overall water security position



The El Niño- Southern Oscillation Index is currently neutral. According to the Bureau of Meteorology, the ENSO Outlook remains at La Niña Watch. La Niña Watch does not guarantee La Niña development, only that there is about an equal chance of ENSO remaining neutral or La Niña developing later in the year. The Indian Ocean Dipole (IOD) is currently neutral. Global SSTs have been the warmest on record for each month between April 2023 and June 2024.

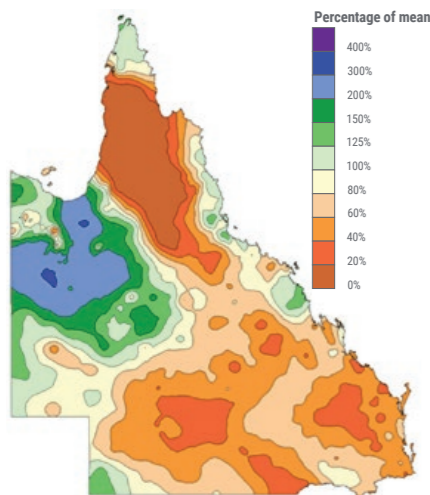
In July, rainfall was average to below average across most of the region and maximum temperatures were average to above average. Water Grid Storage (WGS) level decreased by 1.0% in July 2024.

Storage levels are now sitting at 81.4% (at 31 July 2024) indicating the region is no longer in the Pre-drought (Drought Readiness) phase of the SEQ Drought Response Plan. BOM advises there is a 45-55% chance of above median rainfall in August to October, and a strong expectation of hot conditions (>80% chance of above median maximum temperatures).

The source is meeting demand in all off-grid communities. Dayboro entered drought readiness trigger 1 when the groundwater well number 1 fell below 40.7m AHD in July.

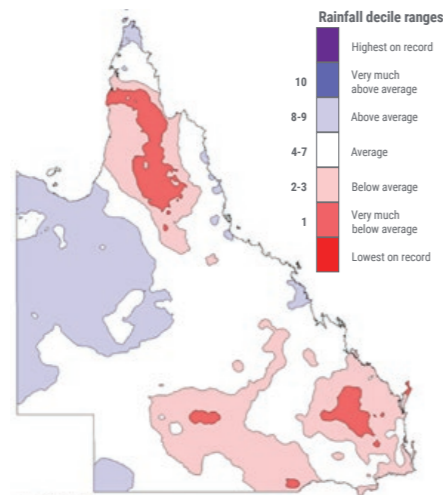
### Queensland rainfall percentages

01 May 2024 to 31 July 2024  
Australian Gridded Climate Data



### Queensland rainfall deciles

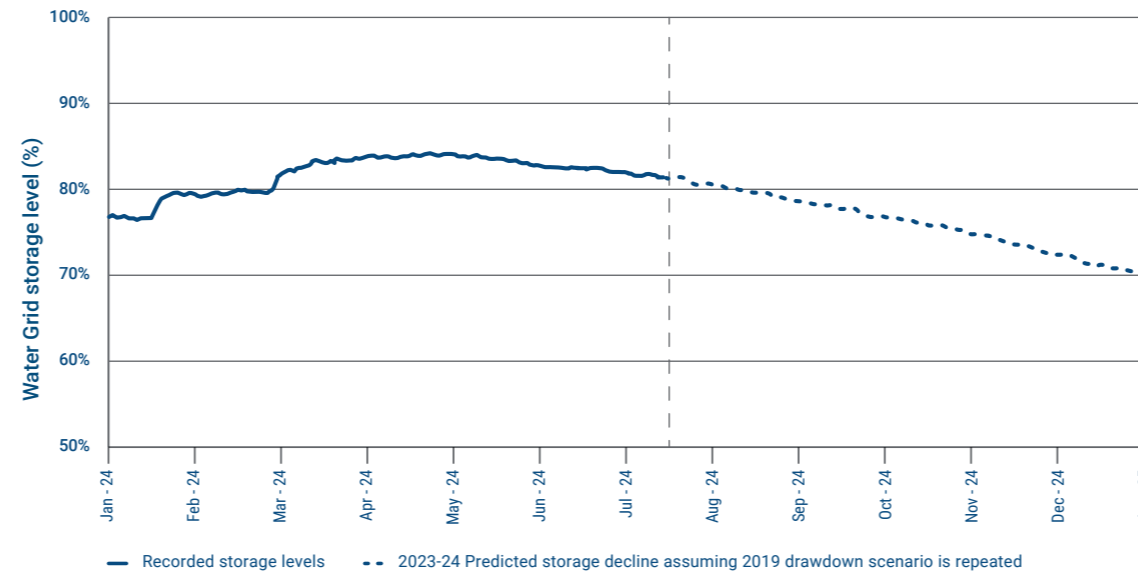
01 May 2024 to 31 July 2024  
Australian Gridded Climate Data



## Water Grid storage

Global sea surface temperatures have been the warmest on record for each month between April 2023 and June 2024. July 2024 SSTs are comparable with 2023. Both July 2023 and July 2024 are much warmer than any other July on record.

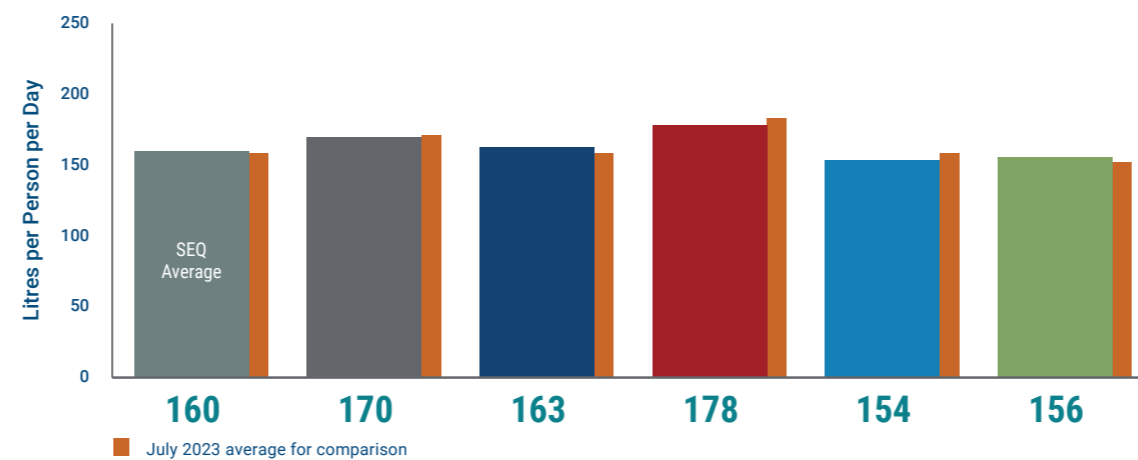
If very dry conditions return (similar to the very dry year of 2019) storages could return to 70% by January 2025, and to a level of 60% by September 2025.



## Average daily residential consumption

Average residential consumption in July was 160 litres per person per day (LPD). This represents an increase in consumption compared to the 158 LPD recorded in the same month last year.

\*Date range is 30/06/2024 - 31/07/2024 and 30/06/2023 - 31/07/2023



## Water Grid operation

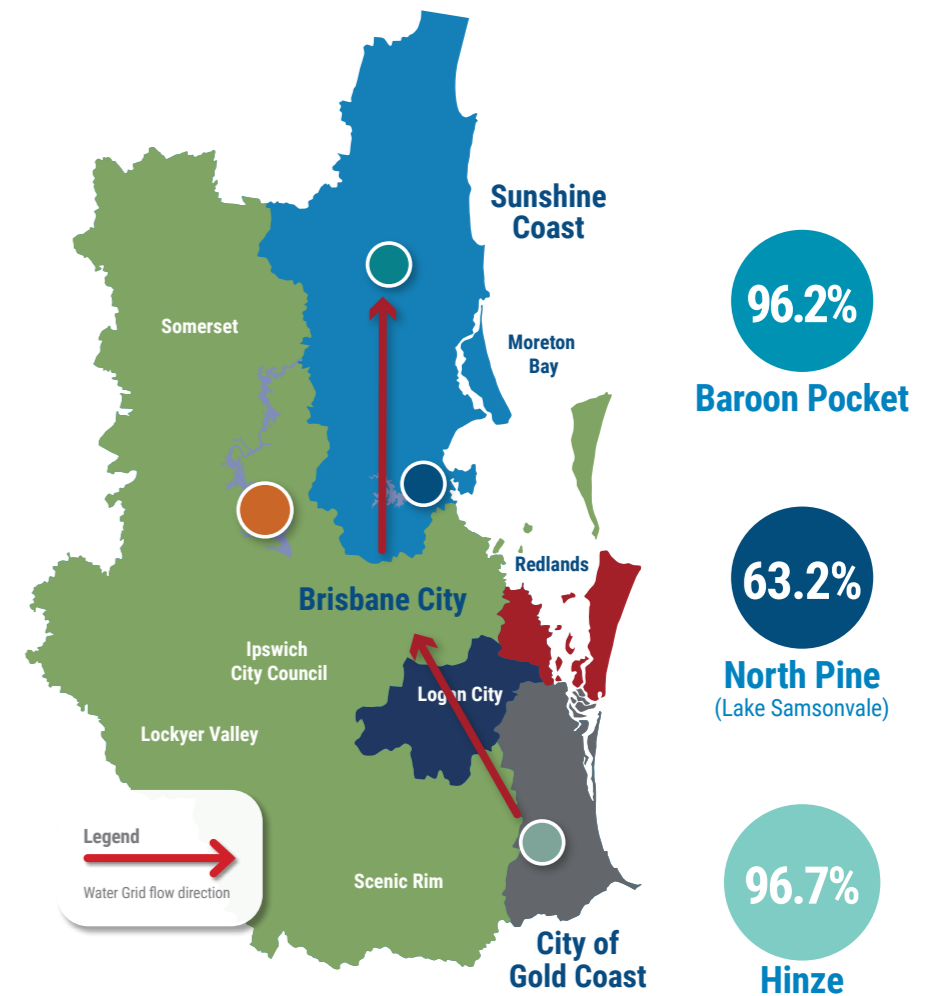
Northern Pipeline Interconnector has been operated in northerly flow direction. The Southern Regional Water Pipeline has been operated in a northerly flow direction.

## Purified Recycled Water

Seqwater continues to supply some Purified Recycled Water to industrial customers.

## Desalinated water production

Gold Coast Desalination Plant (GCDP) continues to operate at minimal levels with Water Grid Storage levels above 70%. The plant provided approximately 150ML over 6 days from 18 July at the request of Seqwater to support the network.



## Wivenhoe/ Somerset (Combined)

Full supply capacity 1,545,089 ML Current capacity 1,231,159 ML

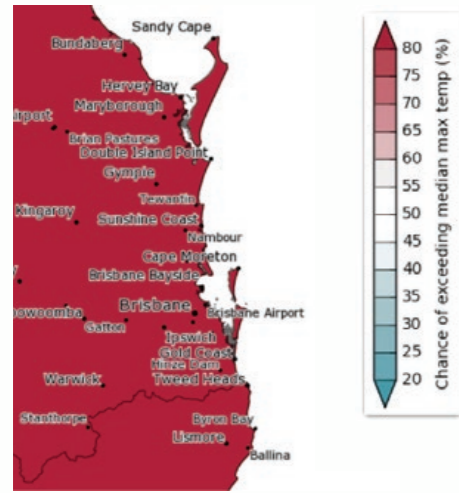
Wivenhoe and Somerset Dams are SEQ's largest storages, and combined make up about 70% of the region's water supply (dams).



## Weather outlook

### Temperature

The Bureau of Meteorology (BOM) outlook is that there is a greater than 80% chance of exceeding median maximum temperature from August to October.

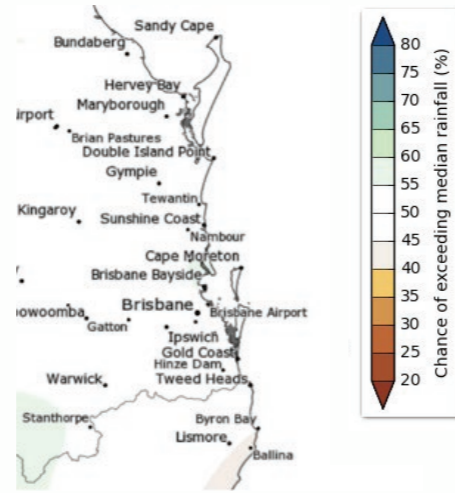


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

\*as at 31 July 2024

### Rainfall

The BOM outlook is that there is a 45-55% chance of receiving above average rainfall from August to October across the SEQ region.



<http://www.bom.gov.au/climate/outlooks/#/rainfall/median/seasonal/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 data has been updated as at 31 July 2024

### Sunshine Coast Regional Council

1	<b>Kenilworth</b>	Mary River at Bellbird Creek flow: 47.7 ML/day	●	●
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### Moreton Bay Regional Council

2	<b>Dayboro</b>	Groundwater Well No 1 standing water level: 40.63 m AHD	●	●
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### Somerset Regional Council

3	<b>Jimna</b>	Yabba Creek flow - Big Hole Weir is flowing.	●	●
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4	<b>Linville</b>	Brisbane River at Linville 27.5 ML/day	●	●
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### Redland City Council

5	<b>Amity Point</b>		●	●
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6	<b>Point Lookout</b>	North Stradbroke Island Groundwater standing water level (primary bore): 19.476 m AHD	●	●
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7	<b>Dunwich</b>		●	●
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### Scenic Rim Regional Council

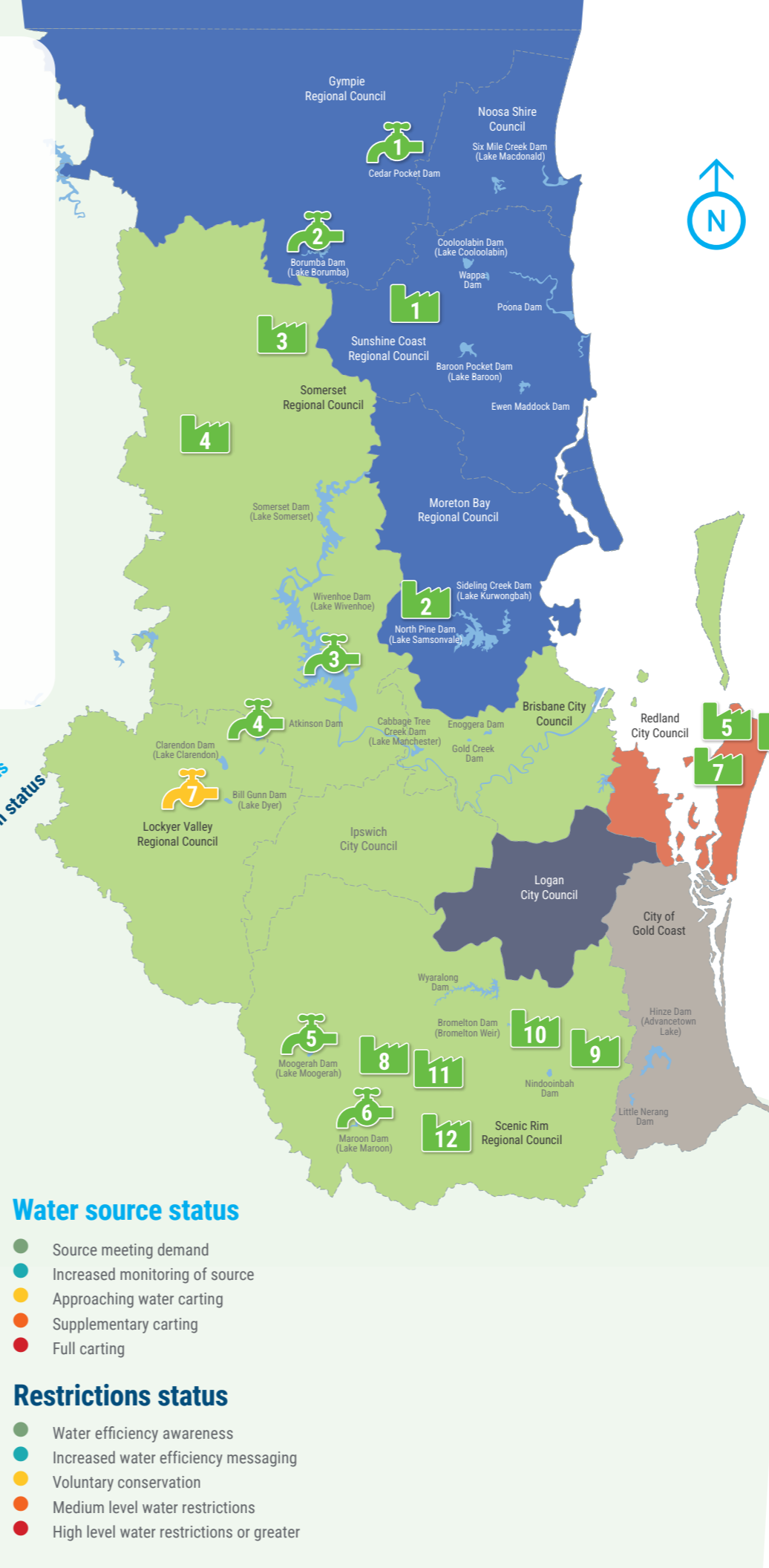
8	<b>Kalbar</b> (Boonah, Aratula and Mount Alford)	Moogerah Dam storage level: 94.8%	●	●
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9	<b>Canungra</b>	Canungra Creek flow: 16.7 ML/day	●	●
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10	<b>Beaudesert</b>		●	●
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11	<b>Kooralbyn</b>	Maroon Dam storage level: 99.7%	●	●
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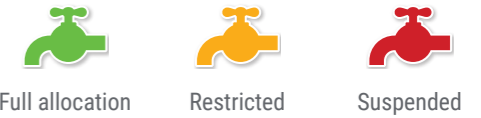
12	<b>Rathdowney</b>		●	●
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## Water supply scheme status

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.

\*as at 31 July 2024



**1 Cedar Pocket Water Supply Scheme**  
Cedar Pocket Dam currently 97.8% (Down 2% from last month)  
**Announced Allocations** Medium Priority 100%

**2 Mary Valley Water Supply Scheme**  
Borumba Dam currently 99.1% (Down 0.9% from last month)  
**Announced Allocations** Medium Priority 100% (also supplies high priority)

**3 Central Brisbane Water Supply Scheme**  
Wivenhoe Dam/Somerset Dam currently 79.7% (Down 0.7% from last month)  
**Announced Allocations** Medium Priority 100% (also supplies high priority)

**4 Lower Lockyer Water Supply Scheme**  
Atkinson Dam currently 78.1% (Down 1.4% from last month)  
**Announced Allocations** Medium Priority 100%

**5 Warrill Valley Water Supply Scheme**  
Moogerah Dam currently 94.8% (Down 1.8% from last month)  
**Announced Allocations** Medium Priority 100% (also supplies high priority)

**6 Logan River Water Supply Scheme**  
Maroon Dam currently 99.7% (Down 0.1% from last month)  
**Announced Allocations** Medium Priority 100% (also supplies high priority)

**7 Central Lockyer Water Supply Scheme**  
Clarendon Dam & Bill Gunn Dam currently 69.3% (Down 1.7% from last month)  
**Announced allocation (surface water)** Morton Vale 100%, Medium Priority Zones 55%  
**Announced allocation (groundwater)** Medium Priority 100%, Low Priority 100%

### Water source status

- Source meeting demand
- Increased monitoring of source
- Approaching water carting
- Supplementary carting
- Full carting

### Restrictions status

- Water efficiency awareness
- Increased water efficiency messaging
- Voluntary conservation
- Medium level water restrictions
- High level water restrictions or greater