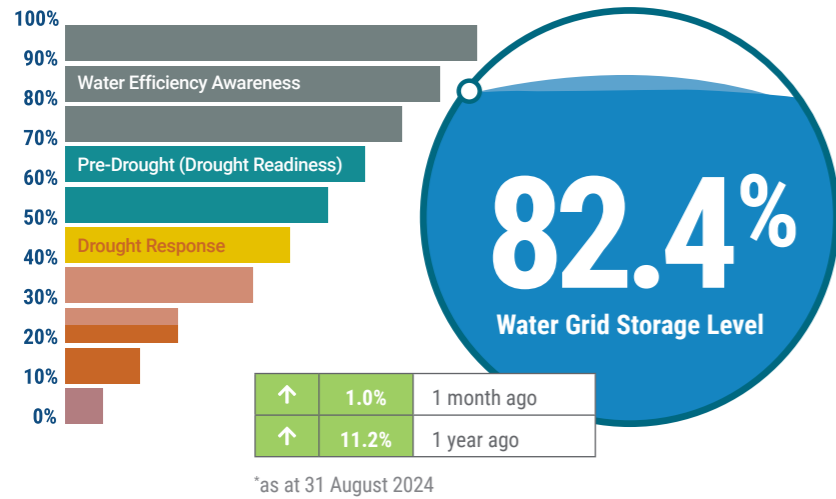


WATER SECURITY STATUS REPORT August 2024

Overall water security position



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

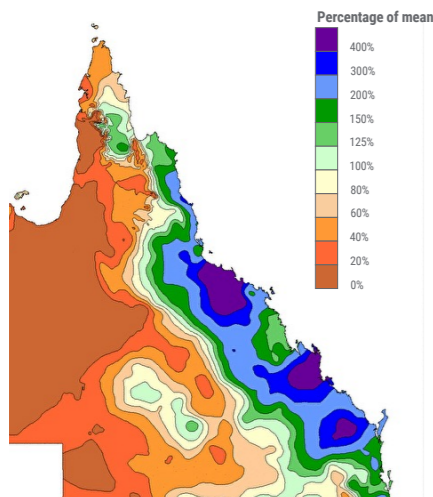
The El Niño-Southern Oscillation Index is currently neutral. According to the Bureau of Meteorology's (BOM) model, Sea Surface Temperatures (SSTs) in the tropical Pacific may briefly touch on La Niña thresholds in spring. The Indian Ocean Dipole (IOD) is currently neutral. August 2024 SSTs are tracking to be the second warmest on record for that month.

Storage levels are now sitting at 82.4% (at 31 August 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 55-65% chance of above median rainfall in September to November, and a strong expectation of hot conditions (>70% chance of above median maximum temperatures).

The source is meeting demand in all off-grid communities. Dayboro exited drought readiness trigger 1 in August when the groundwater well number 1 raised above 40.7m AHD.

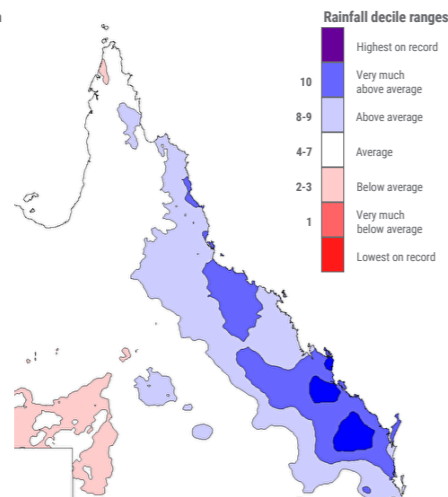
Queensland rainfall percentages

01 August 2024 to 31 August 2024
Australian Gridded Climate Data



Queensland rainfall deciles

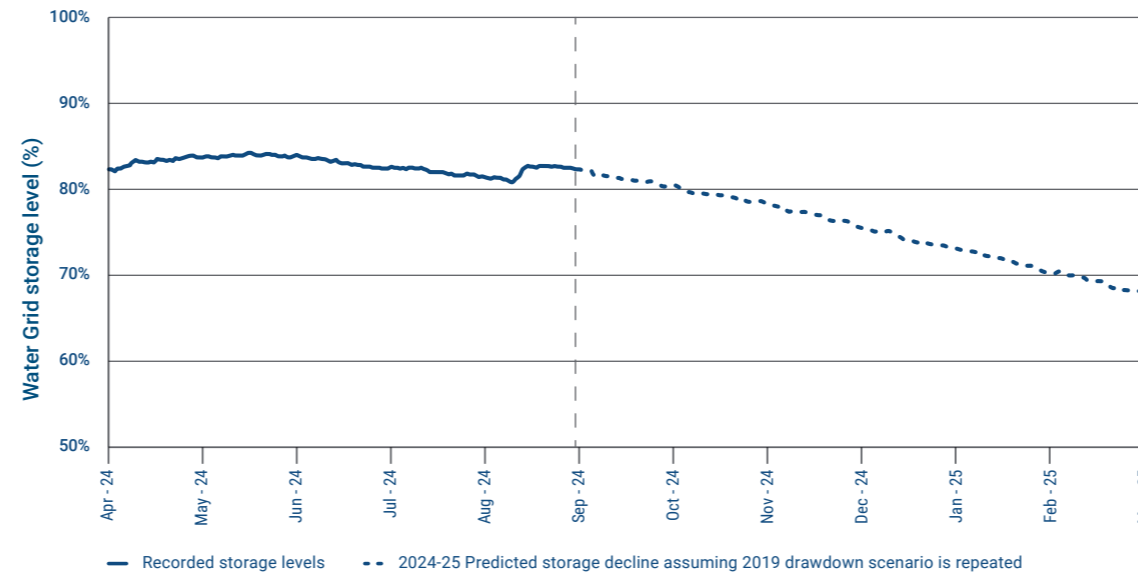
01 August 2024 to 31 August 2024
Australian Gridded Climate Data



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. August 2024 SSTs are tracking to be the second warmest on record for that month.

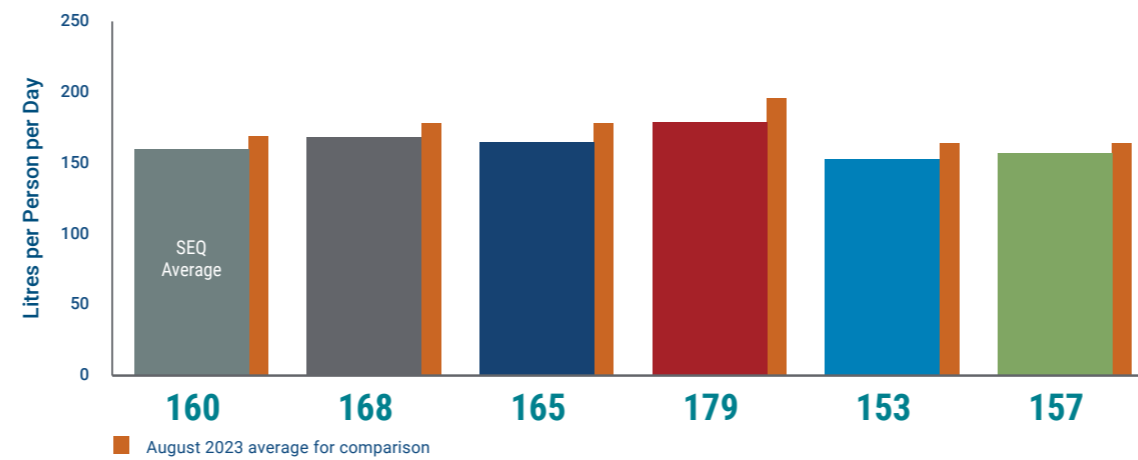
If very dry conditions return (similar to the very dry year of 2019) storages could return to 70% by February 2025, and to a level of 60% by October 2025.



Average daily residential consumption

Average residential consumption in July was 160 litres per person per day (LPD). This represents a decrease in consumption compared to the 169 LPD recorded in the same month last year.

*Date range is 1/08/2024 - 28/08/2024 and 1/08/2023 - 28/08/2023



Water Grid operation

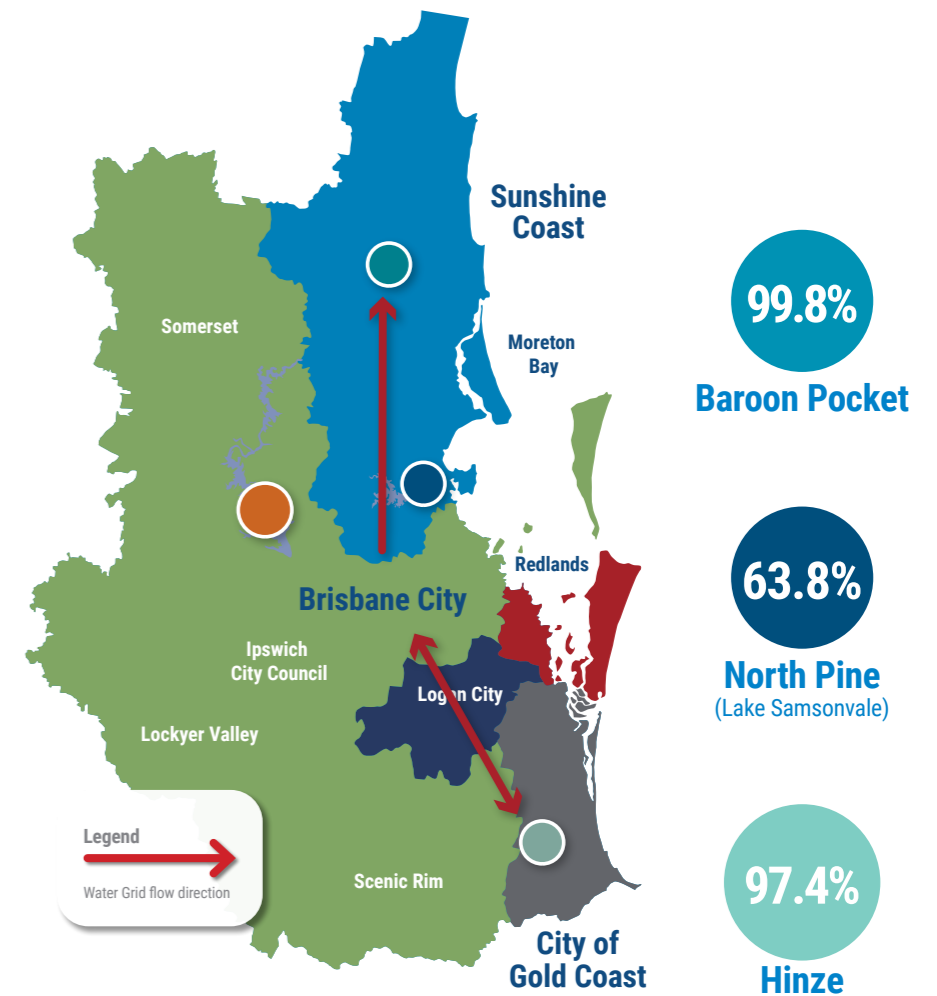
The Northern Pipeline Interconnector has been operated in a northerly flow direction. The Southern Regional Water Pipeline has been operated in a dual flow direction.

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%. Production was ramped up on 22nd August to support Grid maintenance.



Wivenhoe/ Somerset (Combined)

Full supply capacity 1,545,089 ML Current capacity 1,243,925 ML

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

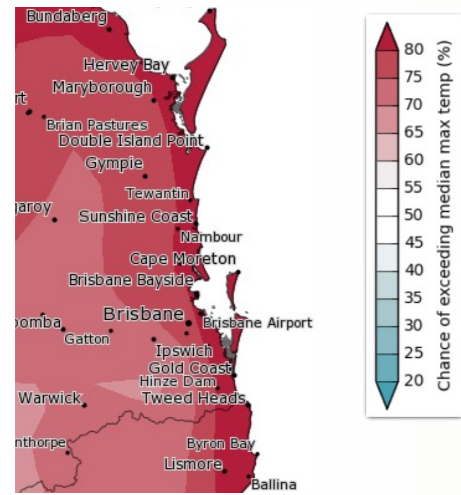
↓	0.2%	1 week ago
↑	0.83%	1 month ago
↑	9.55%	1 year ago

80.5%

Weather outlook

Temperature

The Bureau of Meteorology (BOM) outlook is that there is a greater than 70% chance of exceeding median maximum temperature from September to November.

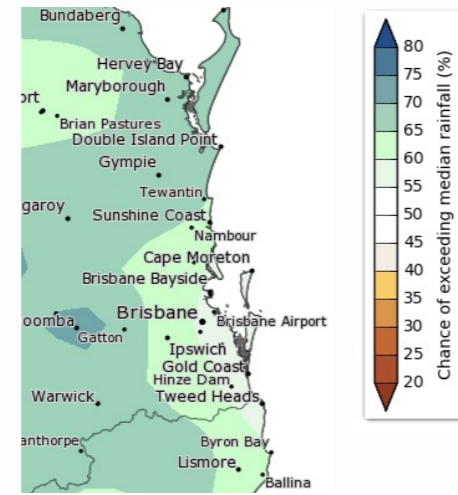


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

*as at 31 August 2024

Rainfall

The BOM outlook is that there is a 55-65% chance of receiving above average rainfall from September to November 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 August 2024

Sunshine Coast Regional Council

1	Kenilworth	Mary River at Bellbird Creek flow: 76.3 ML/day	●	●
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Moreton Bay Regional Council

2	Dayboro	Groundwater Well No 1 standing water level: 40.73 m AHD	●	●
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Somerset Regional Council

3	Jimna	Yabba Creek flow - Big Hole Weir is flowing.	●	●
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4	Linville	Brisbane River at Linville 28.8 ML/day	●	●
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Redland City Council

5	Amity Point		●	●
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6	Point Lookout	North Stradbroke Island Groundwater standing water level (primary bore): 19.5 m AHD	●	●
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7	Dunwich		●	●
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Scenic Rim Regional Council

8	Kalbar (Boonah, Aratula and Mount Alford)	Moogerah Dam storage level: 94.4%	●	●
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9	Canungra	Canungra Creek flow: 29.0 ML/day	●	●
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10	Beaudesert		●	●
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11	Kooralbyn	Maroon Dam storage level: 100%	●	●
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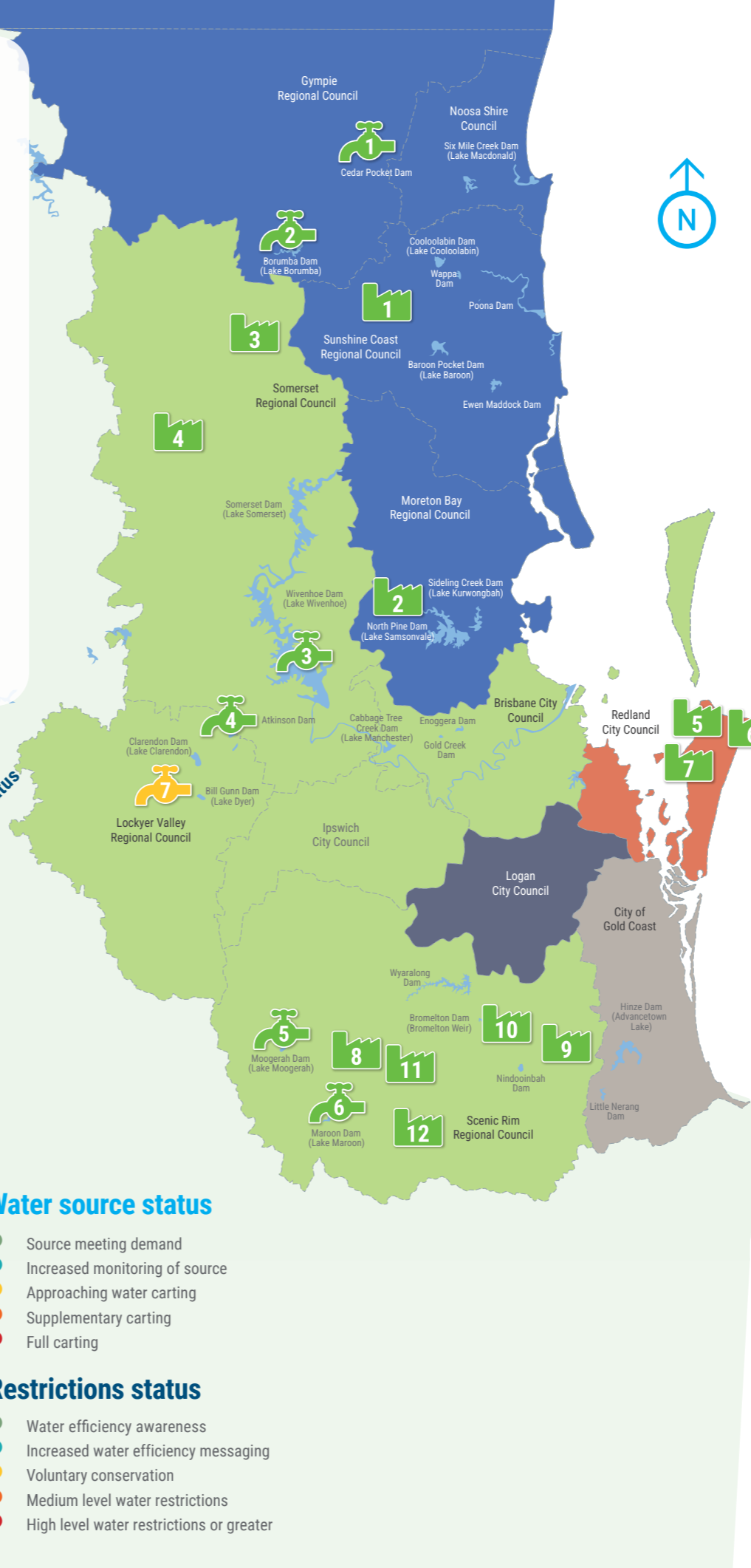
12	Rathdowney		●	●
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Water source status

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

Restrictions status

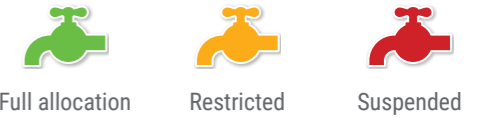
- Water efficiency awareness
- Increased water efficiency messaging
- Voluntary conservation
- Medium level water restrictions
- High level water restrictions or greater



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 August 2024



1 Cedar Pocket Water Supply Scheme
Cedar Pocket Dam currently 101% (Up 2.3% from last month)
Announced Allocations Medium Priority 100%

2 Mary Valley Water Supply Scheme
Borumba Dam currently 100% (Up 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 85.5% (Up 0.8% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)

4 Lower Lockyer Water Supply Scheme
Atkinson Dam currently 77.4% (Down 0.7% from last month)
Announced Allocations Medium Priority 100%

5 Warrill Valley Water Supply Scheme
Moogerah Dam currently 94.4% (Down 0.4% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)

6 Logan River Water Supply Scheme
Maroon Dam currently 100% (Up 0.3% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)

7 Central Lockyer Water Supply Scheme
Clarendon Dam & Bill Gunn Dam currently 67.8% (Down 1.5% from last month)
Announced allocation (surface water) Morton Vale 100%, Medium Priority Zones 55%
Announced allocation (groundwater) Medium Priority 100%, Low Priority 100%