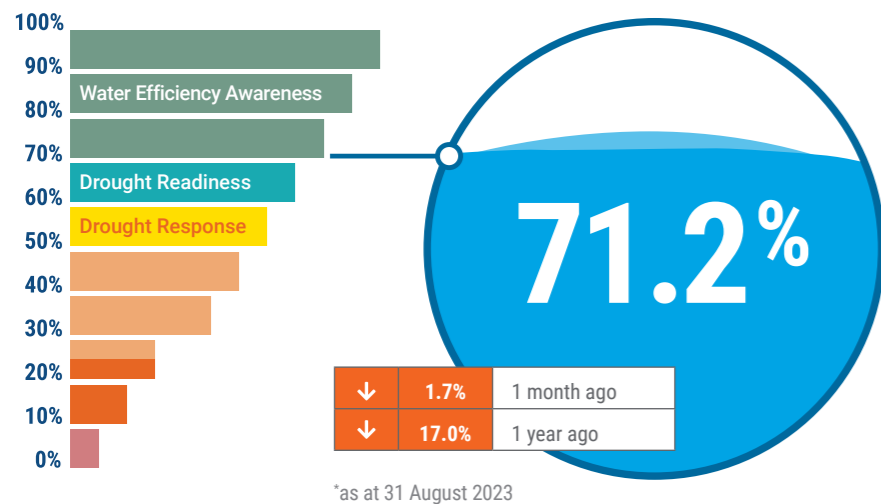


WATER SECURITY STATUS REPORT August 2023

Overall water security position



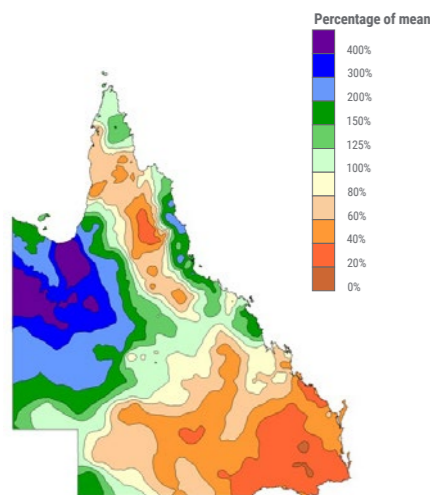
As we entered the dry season the Bureau of Meteorology (BOM) upgraded its El Nino outlook to El Nino Alert. After a hot dry winter, in which reported rainfall was up to 60% below average and average maximum temperatures well above the historical average, BOM has maintained its El Nino Alert. This indicates there is a 70% chance of an El Nino occurring over the coming Spring.

Due to drier than average conditions the SEQ Water Grid level has continued to steadily decline. Given the low likelihood of exceeding average Spring rainfall (at or below 35%), the trend of the decreasing Grid levels looks likely to continue. Forecast storage levels indicate the South East Queensland region could reach Drought Readiness phase as early as September 2023.

Dayboro remains in Drought Readiness mode due to continued dry conditions. Stream levels in Canungra creek have reduced resulting in Canungra reaching its Trigger 1 - Drought Readiness. Both communities continue to be closely monitored.

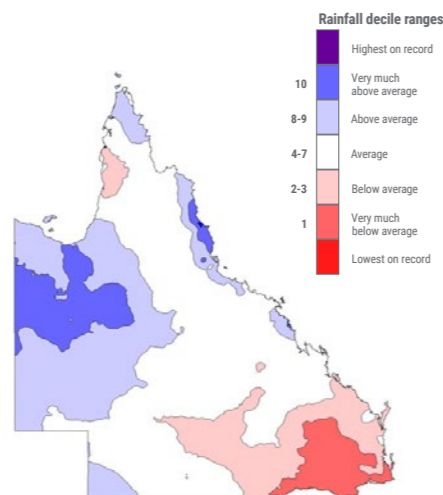
Queensland rainfall percentages

May 2023 to 31 August 2023
Australian Gridded Climate Data



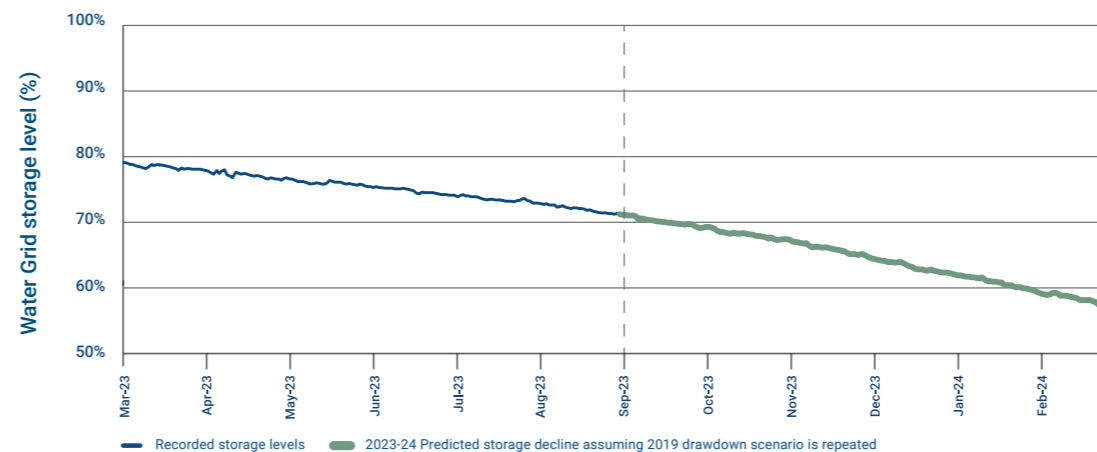
Queensland rainfall deciles

May 2023 to 31 August 2023
Australian Gridded Climate Data



Water Grid storage

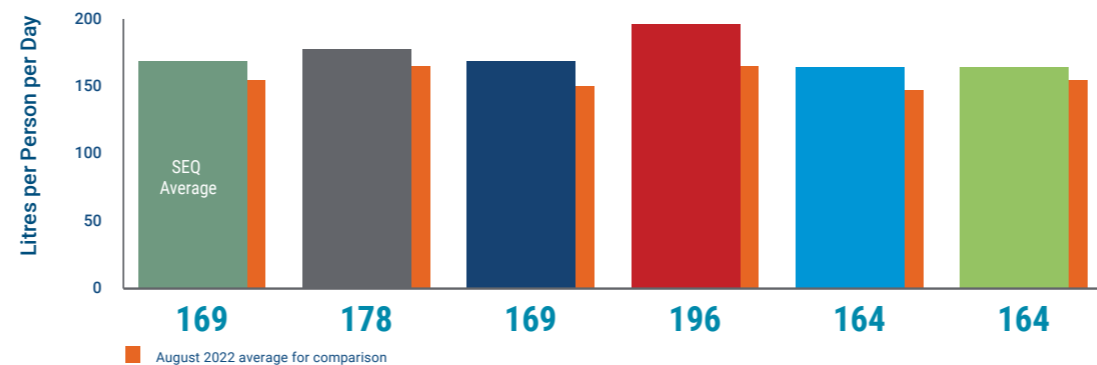
With an El Nino event likely to develop this Spring, the Bureau of Meteorology's outlook is for dry conditions for the next 3 months. If very dry conditions occur (similar to the very dry year of 2019) a Water Grid storage level of 70% could be reached by the end of September 2023 and water grid storage level of 60% is possible by January 2024. A Water Grid Storage level of 70% corresponds to the Drought Readiness Trigger in the Water Security Program.



Average daily residential consumption

Average residential consumption in August was 169 litres per person per day (LPD). This represents an increase in consumption compared to the 155 LPD recorded in the same month last year.

*Date range is 3/08/2023 to 30/08/2023 and 4/08/2022 to 31/08/2022



Did you know?

The last time Australia experienced an El Nino event was in 2019. During this event, the grid level reduced by almost 20% within 12 months, dropping by close to 10% between the start of September and the end of the year. In Brisbane, the total rainfall for 2019 was just over a third of the long-term average. The Bureau of Meteorology outlook for this spring is forecasting conditions similar to what was experienced in 2019.

Water Grid operation

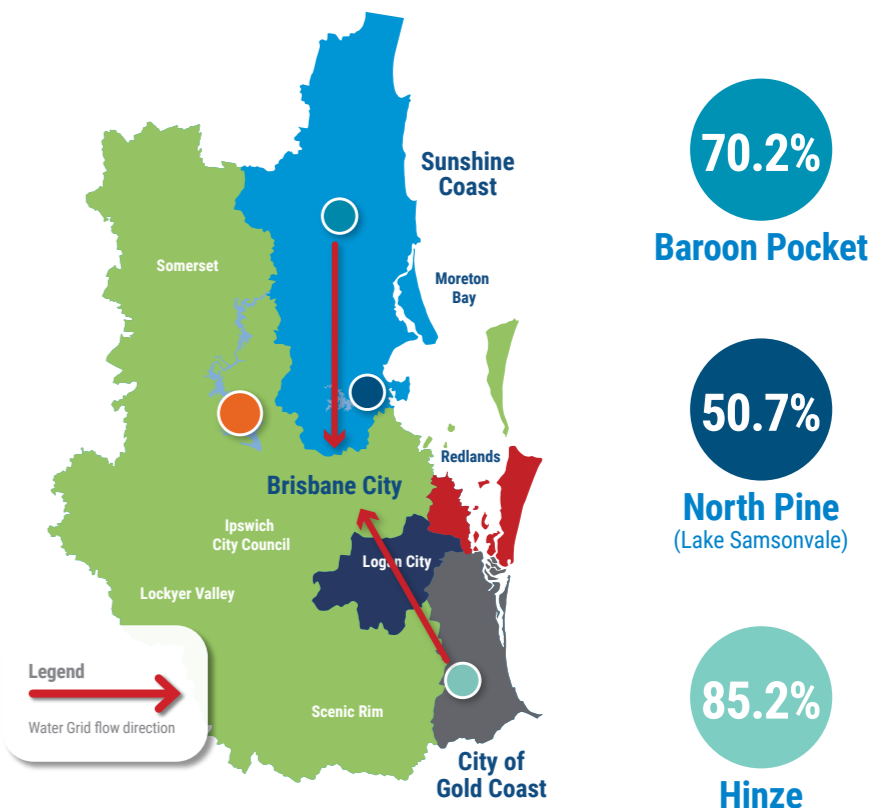
For this month, the Southern Regional Water Pipeline has primarily operated in the northern direction for grid resilience and the Northern Pipeline Interconnector has primarily operated in the southern direction to support planned maintenance.

Purified Recycled Water

Seqwater is continuing to provide Purified Recycled Water to industrial customers.

Desalinated water production

Gold Coast Desalination Plant (GCDP) is currently operating in Low Flow Production Mode to maintain readiness to support the SEQ Water Grid when needed.

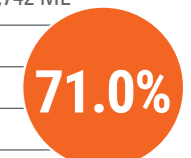


Wivenhoe/ Somerset (Combined)

Full supply capacity 1,545,089 ML Current capacity 1,193,742 ML

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

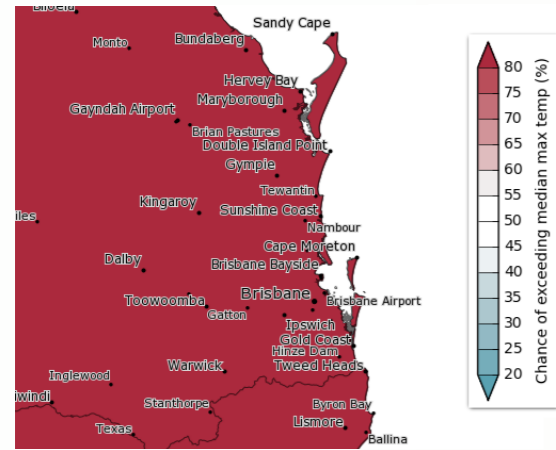
↓	0.1%	1 Week ago
↓	1.5%	1 month ago
↓	17.0%	1 year ago



Weather outlook

Temperature

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

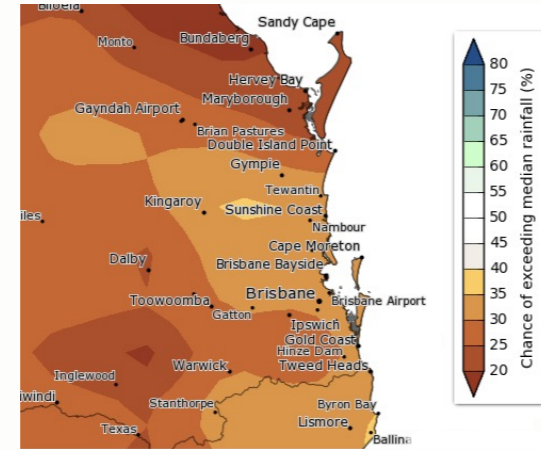


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

*as at 31 August 2023

Rainfall

The BOM outlook is that there is a low chance (25-35%) 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 2023

Sunshine Coast Regional Council

1	Kenilworth	Mary River at Bellbird Creek flow: 9.01 ML/d	●	●
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Moreton Bay Regional Council

2	Dayboro	Groundwater Well No 1 standing water level: 40.45 m AHD (latest available read on 30 August, North Pine River is currently flowing)	●	●
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Somerset Regional Council

3	Jimna	Yabba Creek flow - Big Hole Weir level is 40cm below the weir crest	●	●
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4	Linville	Brisbane River at Linville 2.35 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): 20.017 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: 84.6%	●	●
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9	Canungra	Canungra Creek flow: 8.81 ML/day	●	●
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10	Beaudesert		●	●
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11	Kooralbyn	Maroon Dam storage level: 95.8%	●	●
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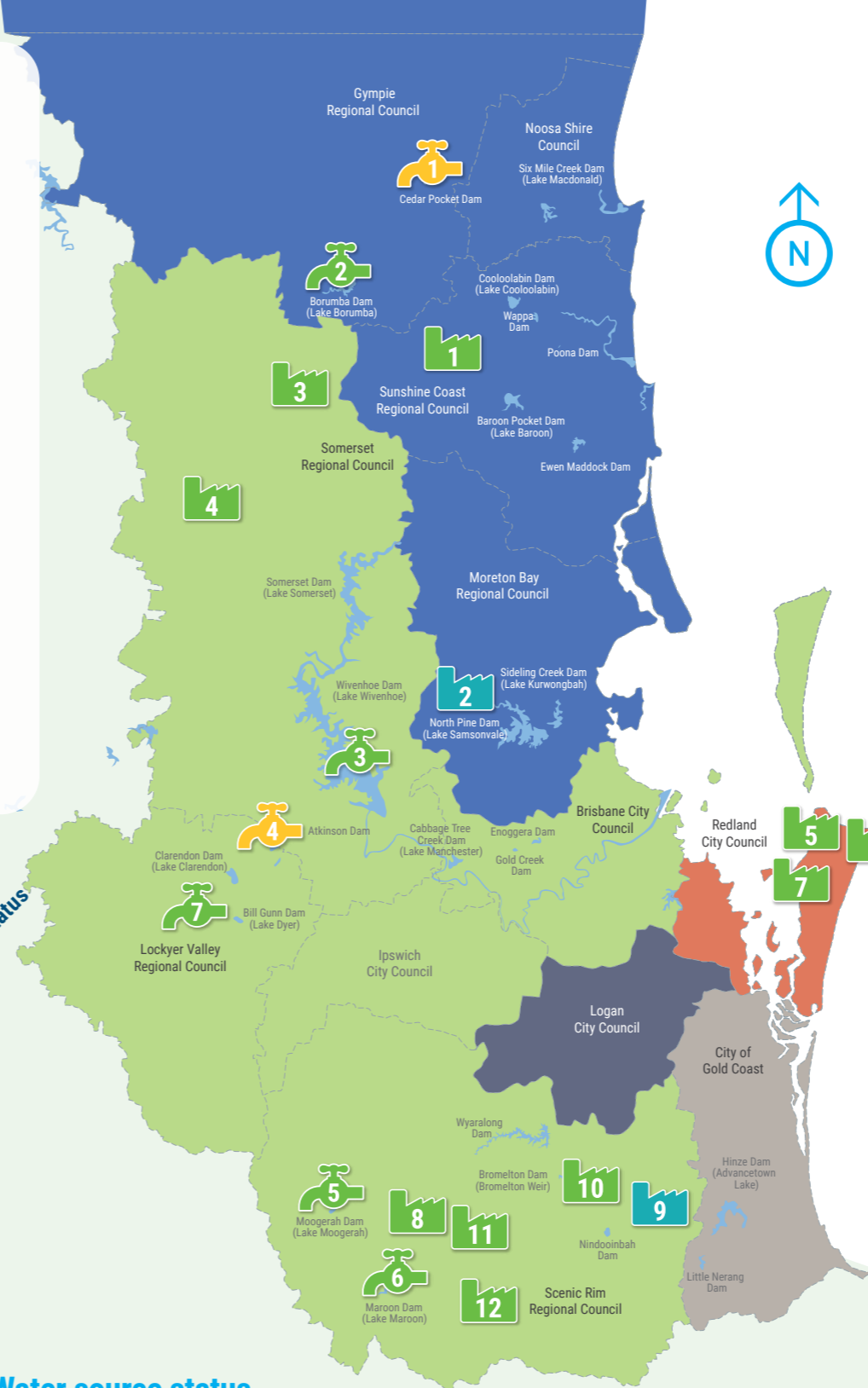
12	Rathdowney		●	●
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Water source status

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

Restrictions status

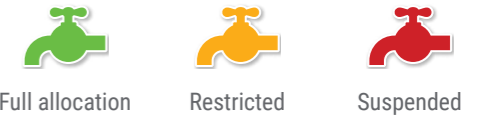
- Water efficiency awareness
- Increased water efficiency messaging
- Voluntary conservation
- Medium level water restrictions
- High level water restrictions or greater



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 2023



- 1 Cedar Pocket Water Supply Scheme**
Cedar Pocket Dam currently 54.5% (Down 12.2% from last month)
Announced Allocations Medium Priority 70%
- 2 Mary Valley Water Supply Scheme**
Borumba Dam currently 93.9% (Down 3.5% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 3 Central Brisbane Water Supply Scheme**
Wivenhoe Dam/Somerset Dam currently 71% (Down 1.5% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 4 Lower Lockyer Water Supply Scheme**
Atkinson Dam currently 66.8% (Down 4.8% from last month)
Announced Allocations Medium Priority 91%
- 5 Warrill Valley Water Supply Scheme**
Moogerah Dam currently 84.6% (Down 2.7% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 6 Logan River Water Supply Scheme**
Maroon Dam currently 95.8% (Down 1.2% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 7 Central Lockyer Water Supply Scheme**
Clarendon Dam & Bill Gunn Dam currently 72.2% (Down 5.5% from last month)
Announced allocation (surface water) Morton Vale 100%, Medium Priority Zones 100%
Announced allocation (groundwater) Medium Priority 100%, Low Priority 100%