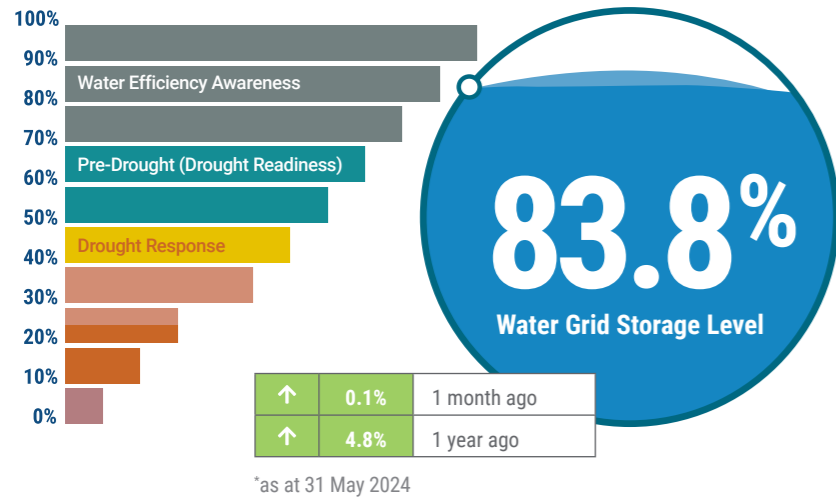


WATER SECURITY STATUS REPORT May 2024

Overall water security position



The El Niño Southern Oscillation Index is currently neutral. According to the Bureau of Meteorology, there are some early signs that a La Niña might form later in 2024. However, it is important to emphasise that the long-range forecast for Australian rainfall and temperature provides better guidance for local climate.

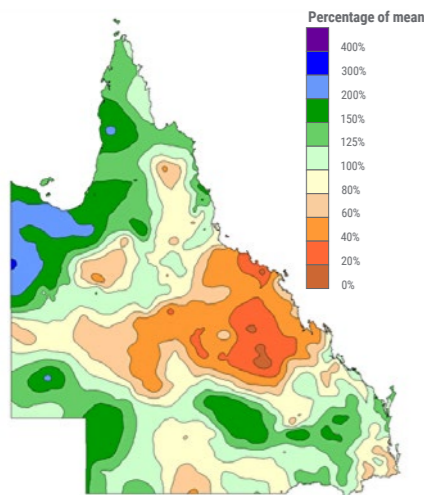
In May, rainfall was above average to average across most of the region and maximum temperatures were above average. Water Grid Storage (WGS) level increased by 0.1% in May 2024.

Storage levels are now sitting at 83.8% (at 31 May 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 45-65% chance of above median rainfall in April to June, and a strong expectation of hot conditions (>80% chance of above median maximum temperatures).

The source is meeting demand and all off-grid communities have exited drought triggers, due to widespread rainfall since the end of December.

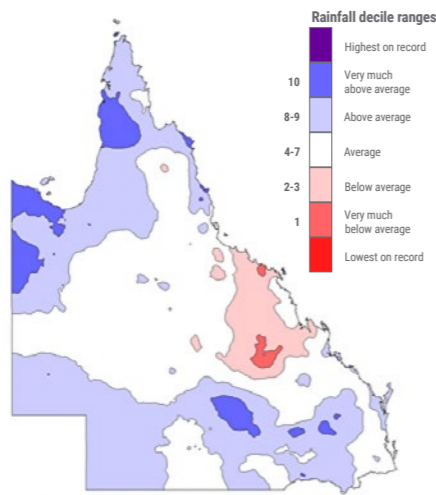
Queensland rainfall percentages

01 March 2024 to 31 May 2024
Australian Gridded Climate Data



Queensland rainfall deciles

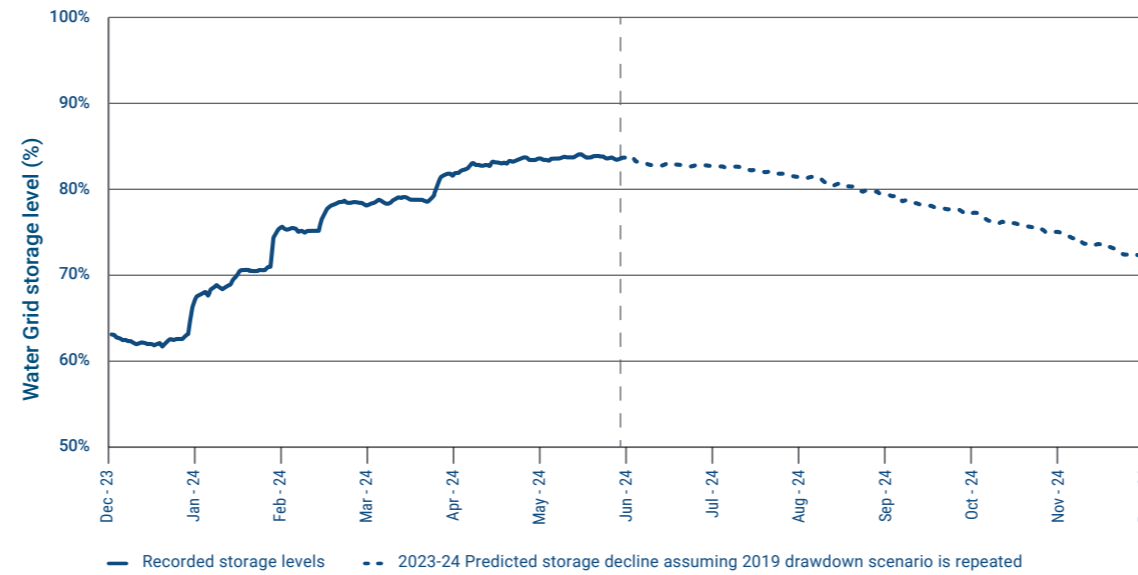
01 March 2024 to 31 May 2024
Australian Gridded Climate Data



Water Grid storage

The El Niño Southern Oscillation (ENSO) is now neutral. Climate models indicate ENSO will likely continue to be neutral until at least July 2024.

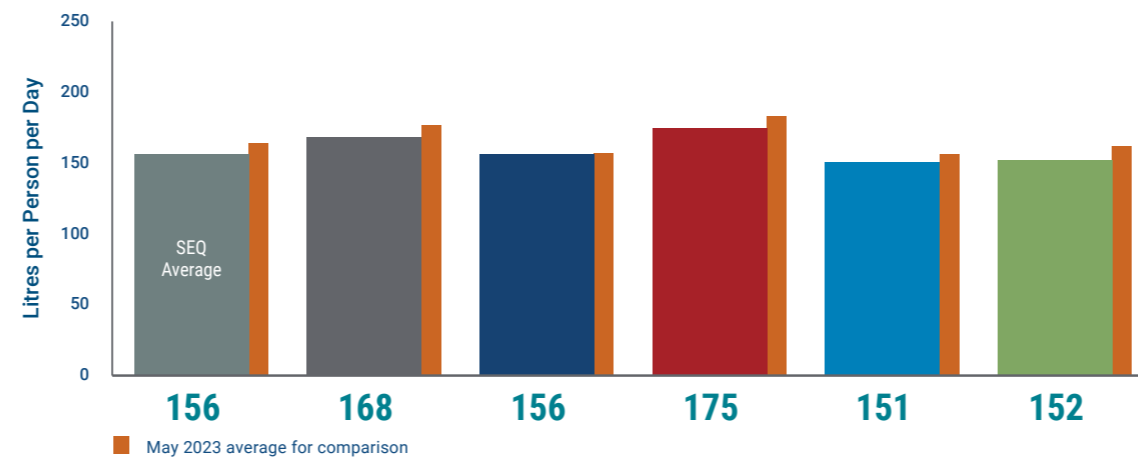
If very dry conditions return (similar to the very dry year of 2019) storages could return to 70% by January 2025, and to a level of 60% by September 2025.



Average daily residential consumption

Average residential consumption in May was 156 litres per person per day (LPD). This represents a decrease in consumption compared to the 164 LPD recorded in the same month last year.

*Date range is 30/04/2024 - 31/05/2024 and 30/04/2023 - 31/05/2023



Water Grid operation

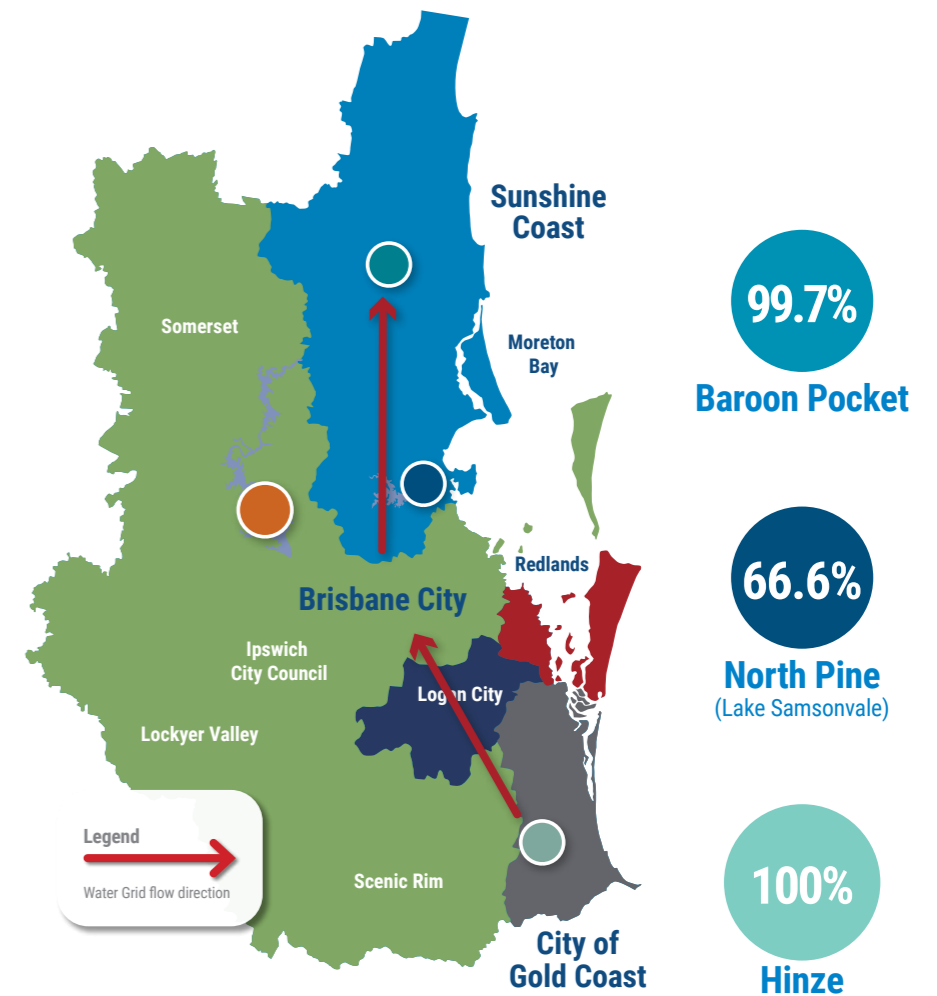
Northern Pipeline Interconnector has been operated in northerly flow direction. The Southern Regional Water Pipeline has been operated in a northerly flow direction.

Purified Recycled Water

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

Desalinated water production

The Gold Coast Desalination Plant (GCDP) continues to operate at low flow production with the Water Grid Storage levels above 70%.



Wivenhoe/ Somerset (Combined)

Full supply capacity 1,545,089 ML Current capacity 1,261,327 ML

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

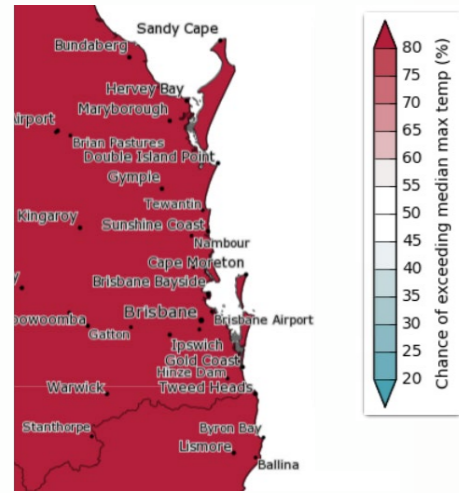
↓	0.25%	1 week ago
↑	0.38%	1 month ago
↑	7.26%	1 year ago

81.6%

Weather outlook

Temperature

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

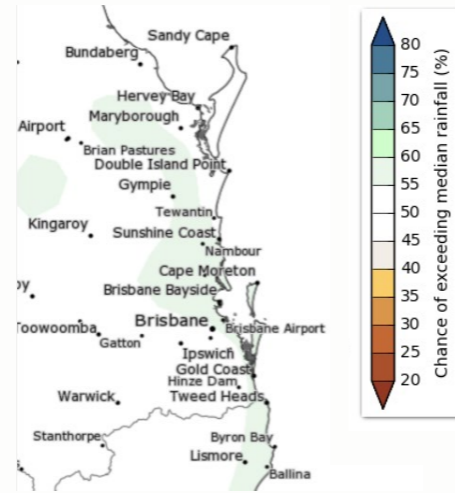


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

*as at 31 May 2024

Rainfall

The BOM outlook is that there is a 45-50% chance of receiving above average rainfall from June to August 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 May 2024

Sunshine Coast Regional Council

1	Kenilworth	Mary River at Bellbird Creek flow: 211.147 ML/day	●	●
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Moreton Bay Regional Council

2	Dayboro	Groundwater Well No 1 standing water level: 40.75 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 71.662 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): 19.569 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: 98.2%	●	●
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9	Canungra	Canungra Creek flow: 42.859 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

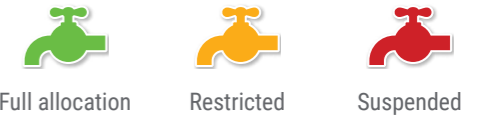
- Water efficiency awareness
- Increased water efficiency messaging
- Voluntary conservation
- Medium level water restrictions
- High level water restrictions or greater



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 May 2024



- 1 Cedar Pocket Water Supply Scheme**
Cedar Pocket Dam currently 109% (Unchanged from last month)
Announced Allocations Medium Priority 100%
- 2 Mary Valley Water Supply Scheme**
Borumba Dam currently 100.2% (Down 0.1% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 3 Central Brisbane Water Supply Scheme**
Wivenhoe Dam/Somerset Dam currently 81.2% (Up 0.4% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 4 Lower Lockyer Water Supply Scheme**
Atkinson Dam currently 82.6% (Up 0.3% from last month)
Announced Allocations Medium Priority 100%
- 5 Warrill Valley Water Supply Scheme**
Moogerah Dam currently 98.2% (Down 1.3% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 6 Logan River Water Supply Scheme**
Maroon Dam currently 100% (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 72.7% (Down 0.1% from last month)
Announced allocation (surface water) Morton Vale 100%, Medium Priority Zones 55%
Announced allocation (groundwater) Medium Priority 100%, Low Priority 100%