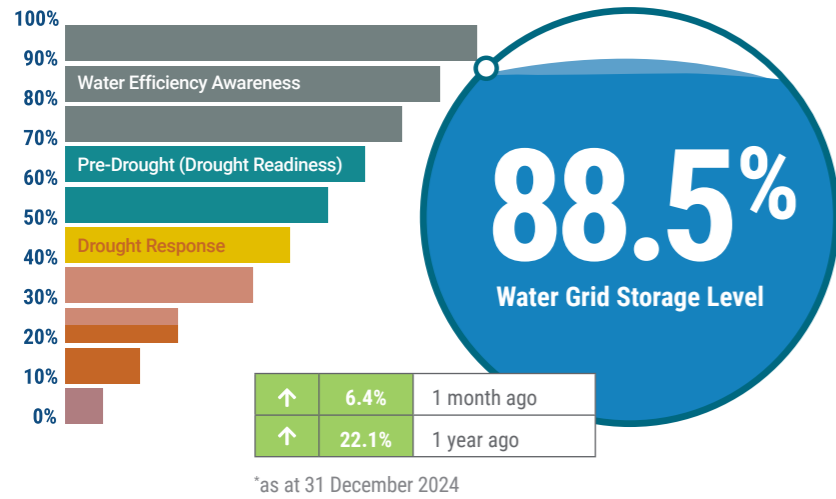


WATER SECURITY STATUS REPORT December 2024

Overall water security position



In December, rainfall was very much above average across the region and maximum temperatures were above average. Water Grid Storage (WGS) level increased by 6.4% in December 2025.

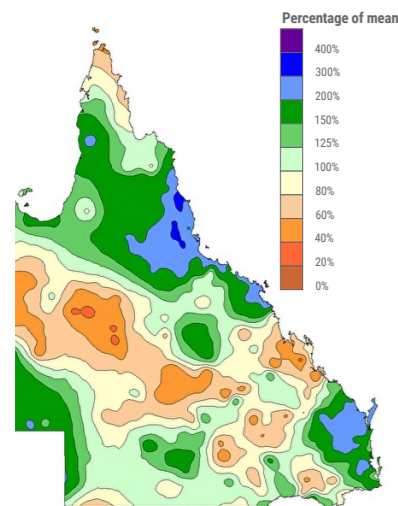
The El Niño–Southern Oscillation (ENSO) is currently in the neutral range. Since November, atmospheric indices such as the SOI and trade winds have strengthened towards La Niña with oceanic indices responding in recent weeks. The Bureau's model forecasts that SSTs in the central tropical Pacific will remain in the ENSO-neutral range throughout the forecast period to April 2025, despite briefly dipping below the La Niña threshold in January.

Storage levels are now sitting at 88.5% (at 31 December 2024) indicating the region is in the Water Efficiency Awareness phase of the SEQ Drought Response Plan. BOM advises there is a 55-65% chance of above median rainfall in January to March, and a strong expectation of hot conditions (>80% chance of above median maximum temperatures).

The source is meeting demand in all off-grid communities.

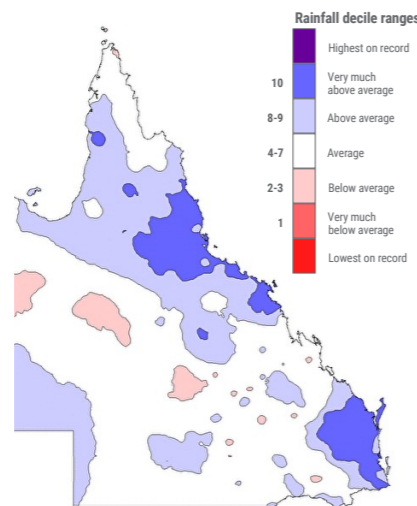
Queensland rainfall percentages

01 December 2024 to 31 December 2024
Australian Gridded Climate Data



Queensland rainfall deciles

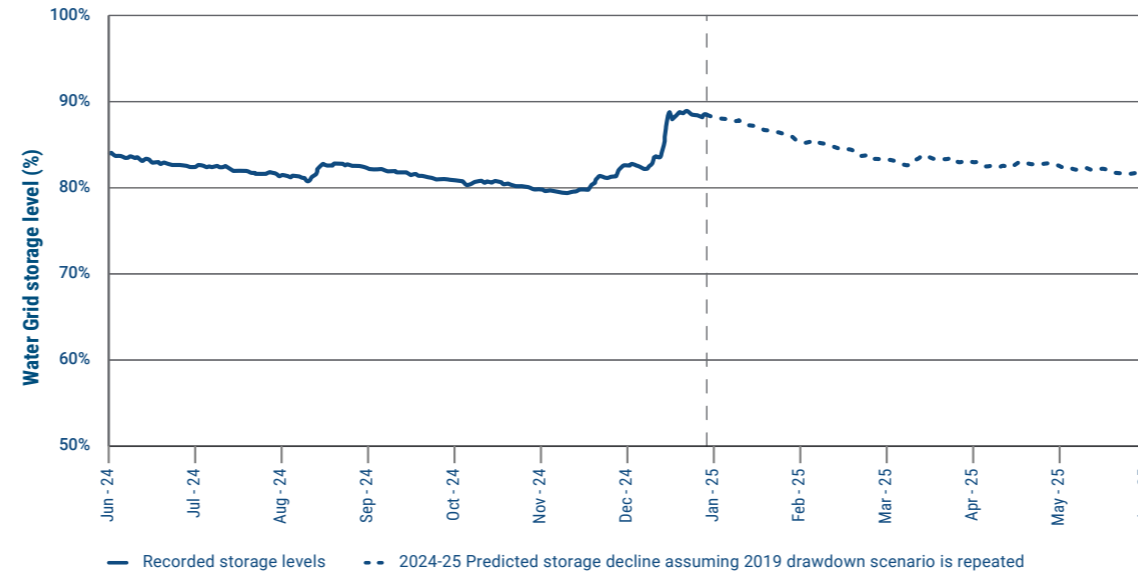
01 December 2024 to 31 December 2024
Australian Gridded Climate Data



Water Grid storage

Global SSTs (sea surface temperatures) remain substantially above average. In the Australian region, November 2024 SSTs were the warmest on record for the month.

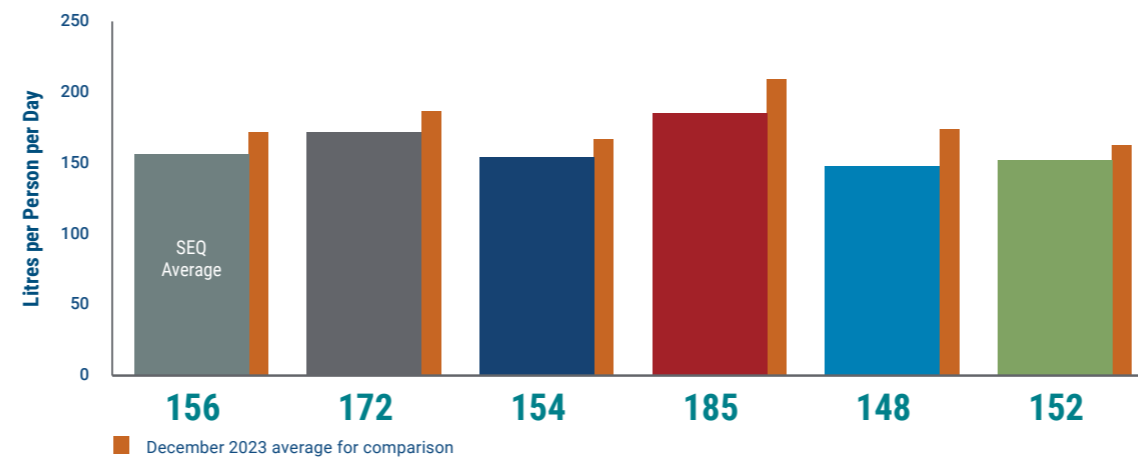
If very dry conditions return (similar to the very dry year of 2019) storages could return to 70% by December 2025, and to a level of 60% by August 2026.



Average daily residential consumption

Average residential consumption in November was 156 litres per person per day (LPD). This represents a decrease in consumption compared to the 172 LPD recorded in the same month last year.

*Date range is 28/11/2024 - 25/12/2024 and 30/11/2023 - 27/12/2023



Water Grid operation

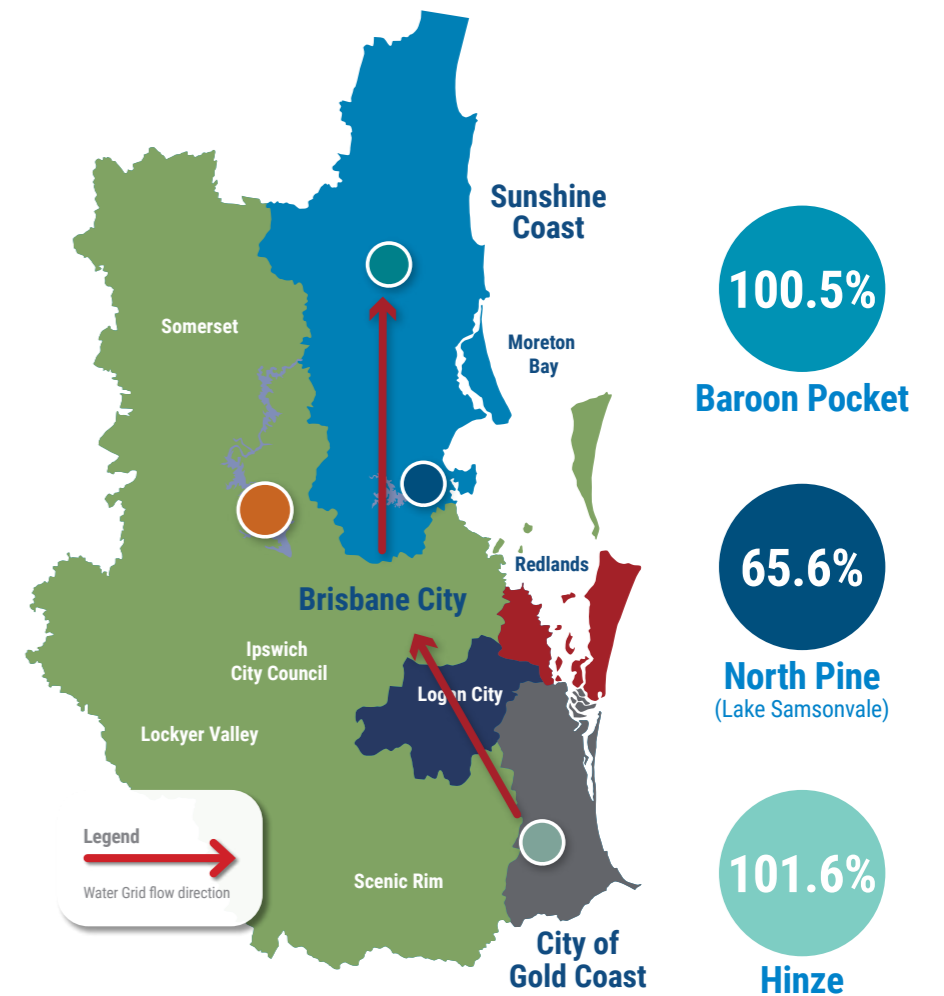
The Northern Pipeline Interconnector has been operated in a northerly flow direction. The Southern Regional Water Pipeline has been operated in a northerly flow direction.

Purified Recycled Water

The Western Corridor Recycled Water Scheme continues to provide some PRW to industrial customers.

Desalinated water production

Gold Coast Desalination Plant (GCDP) continues to operate at minimal levels, with Water Grid Storage levels above 70%, supporting planned works across the grid as required.

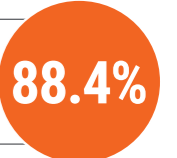


Wivenhoe/ Somerset (Combined)

Full supply capacity 1,545,089 ML Current capacity 1,366,424 ML

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

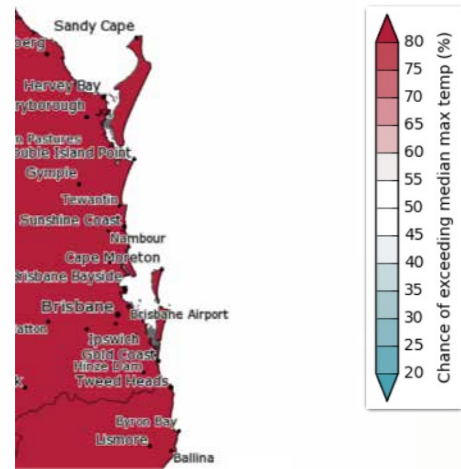
↓	0.13%	1 week ago
↑	9.21%	1 month ago
↑	22.22%	1 year ago



Weather outlook

Temperature

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

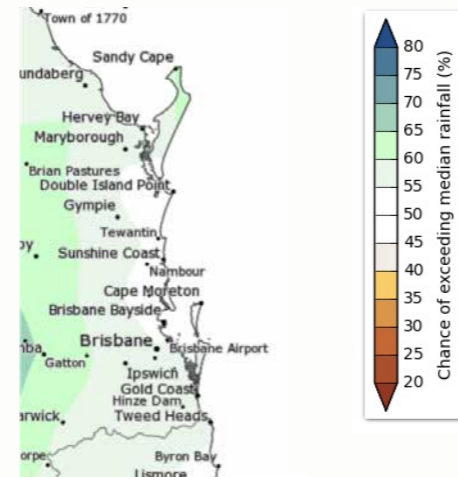


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

*as at 31 December 2024

Rainfall

The BOM outlook is that there is a 55 - 65% chance of receiving above average rainfall from January to March 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 December 2024

Sunshine Coast Regional Council

1	Kenilworth	Mary River at Bellbird Creek flow: 251.5 ML/day	●	●
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Moreton Bay Regional Council

2	Dayboro	Groundwater Well No 1 standing water level: 41.72 m AHD (20 December)	●	●
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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 4952.4 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): 19.4 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: 100.7%	●	●
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9	Canungra	Canungra Creek flow: 95.4 ML/day	●	●
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10	Beaudesert		●	●
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11	Kooralbyn	Maroon Dam storage level: 100.1%	●	●
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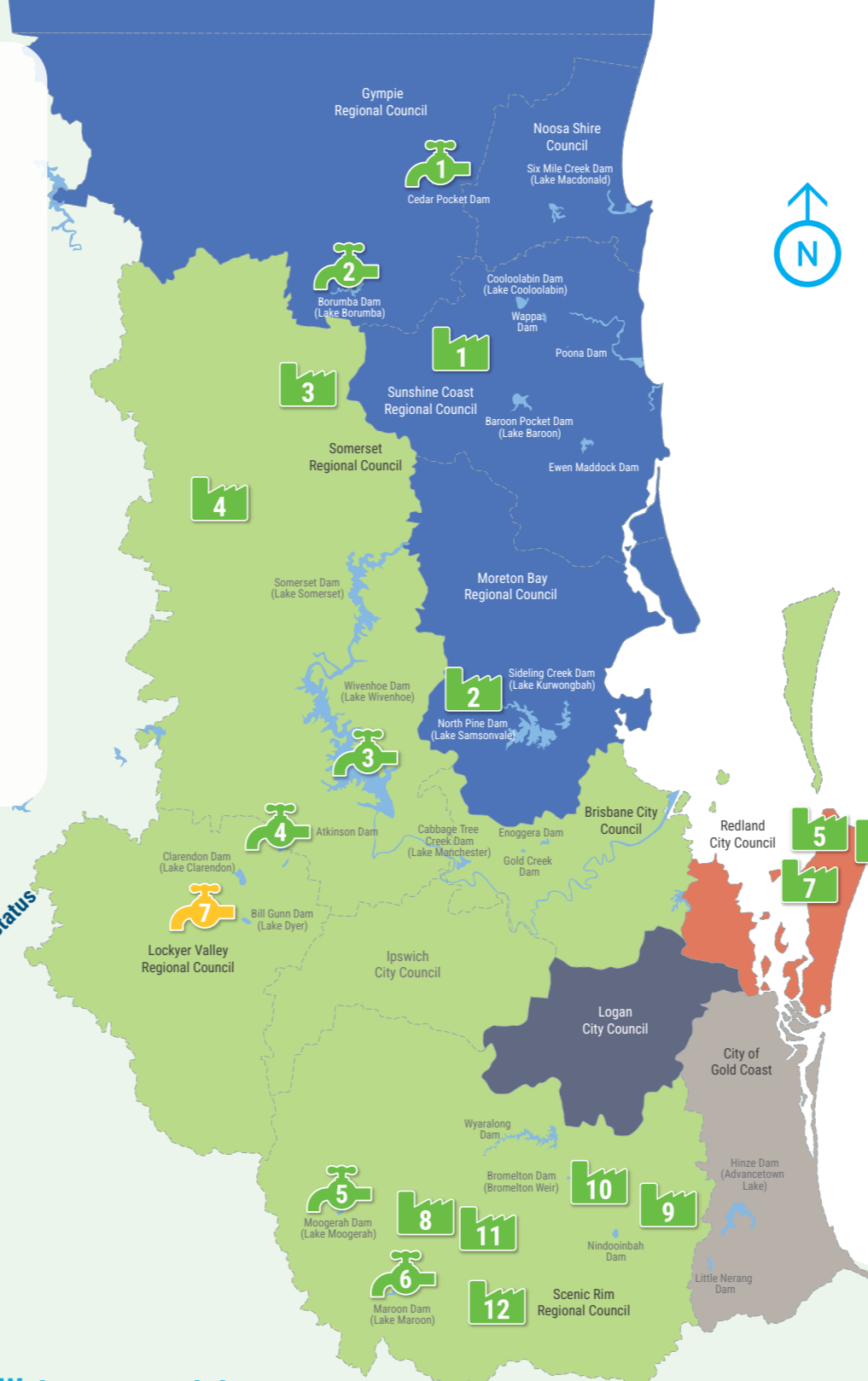
12	Rathdowney		●	●
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Water source status

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

Restrictions status

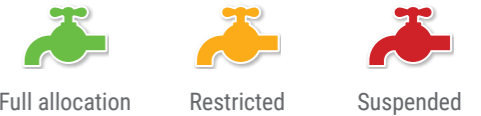
- Water efficiency awareness
- Increased water efficiency messaging
- Voluntary conservation
- Medium level water restrictions
- High level water restrictions or greater



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 December 2024



- 1 Cedar Pocket Water Supply Scheme**
Cedar Pocket Dam currently 101% (Down 0.9% from last month)
Announced Allocations Medium Priority 100%
- 2 Mary Valley Water Supply Scheme**
Borumba Dam currently 102.2% (Up 2.7% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 3 Central Brisbane Water Supply Scheme**
Wivenhoe Dam/Somerset Dam currently 88.4% (Up 9.2% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 4 Lower Lockyer Water Supply Scheme**
Atkinson Dam currently 83.5% (Up 10.2% from last month)
Announced Allocations Medium Priority 100%
- 5 Warrill Valley Water Supply Scheme**
Moogerah Dam currently 100.7% (Up 6.6% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 6 Logan River Water Supply Scheme**
Maroon Dam currently 100.1% (Down 4% 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% (Up 9.8% from last month)
Announced allocation (surface water) Morton Vale 100%, Medium Priority Zones 51%
Announced allocation (groundwater) Medium Priority 100%, Low Priority 100%