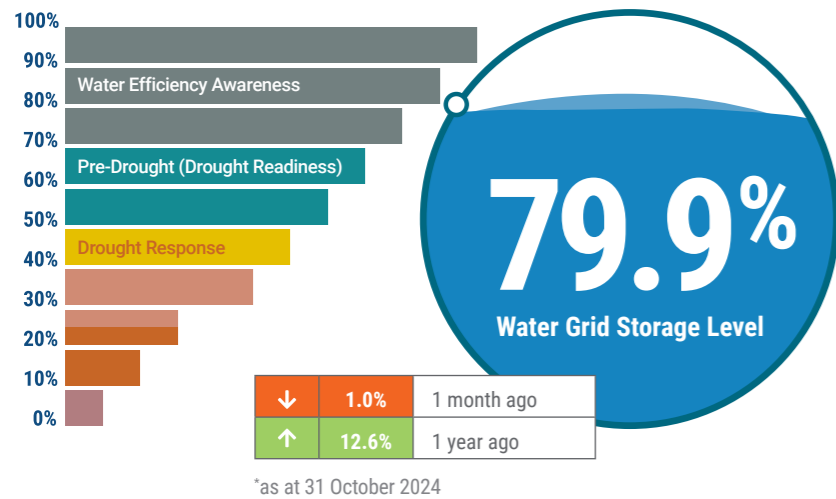


WATER SECURITY STATUS REPORT October 2024

Overall water security position



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

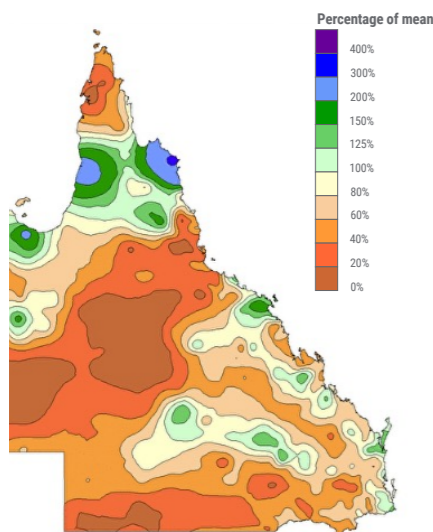
The El Nino- Southern Oscillation Index is currently neutral. The Bureau's model suggests SSTs are likely to remain within the ENSO-neutral range (-0.8 °C to +0.8 °C) throughout the forecast period to February 2025. All models indicate that the Indian Ocean Dipole (IOD) index will meet or exceed negative IOD thresholds in November. Global SSTs remain at near record levels.

Storage levels are now sitting at 79.9% (at 31 October 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 50-60% chance of above median rainfall in October to December, and a strong expectation of hot conditions (>65% chance of above median maximum temperatures).

The source is meeting demand in all off-grid communities. Dayboro remained in drought readiness trigger 1 in October.

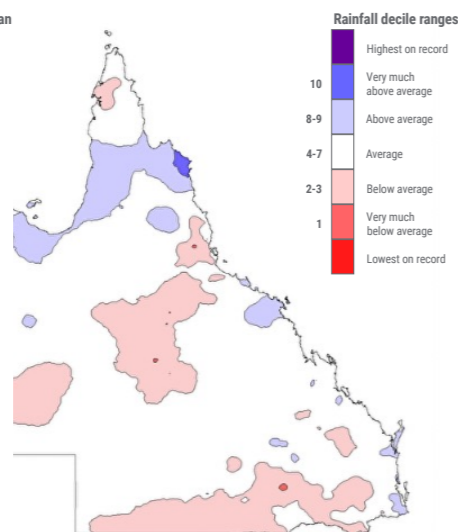
Queensland rainfall percentages

01 October 2024 to 31 October 2024
Australian Gridded Climate Data



Queensland rainfall deciles

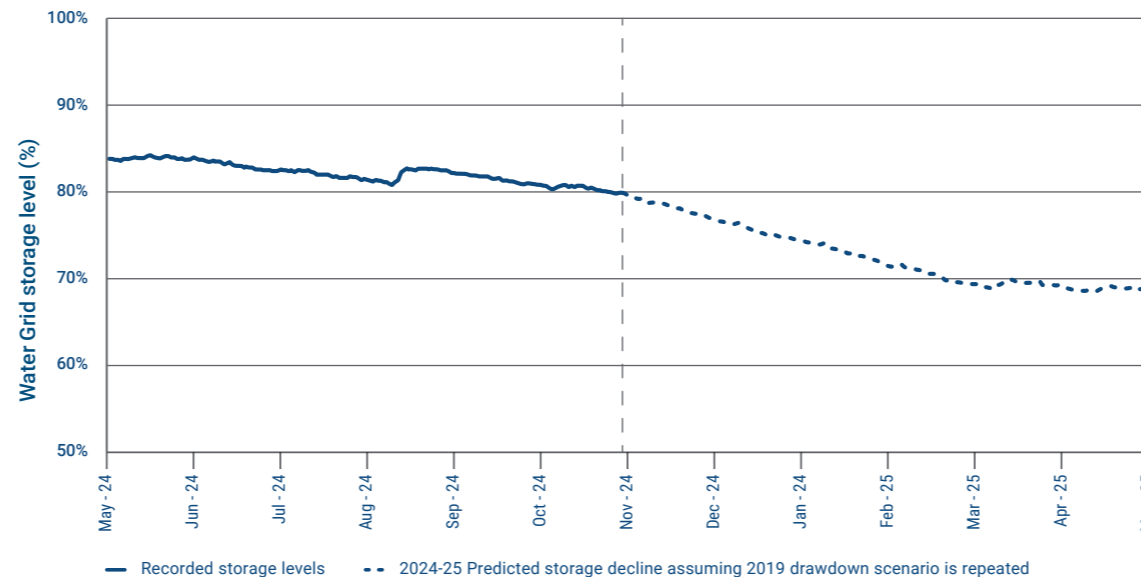
01 October 2024 to 31 October 2024
Australian Gridded Climate Data



Water Grid storage

Global sea surface temperatures remain at near record levels.

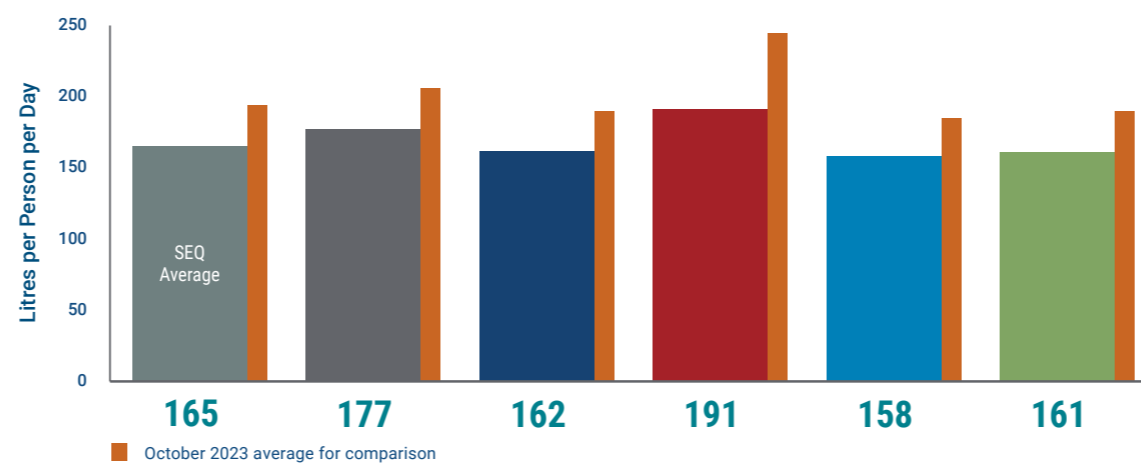
If very dry conditions return (similar to the very dry year of 2019) storages could return to 70% by February 2025, and to a level of 60% by November 2025.



Average daily residential consumption

Average residential consumption in October was 165 litres per person per day (LPD). This represents a decrease in consumption compared to the 194 LPD recorded in the same month last year.

*Date range is 03/10/2024 - 30/10/2024 and 28/09/2023 - 25/10/2023



Water Grid operation

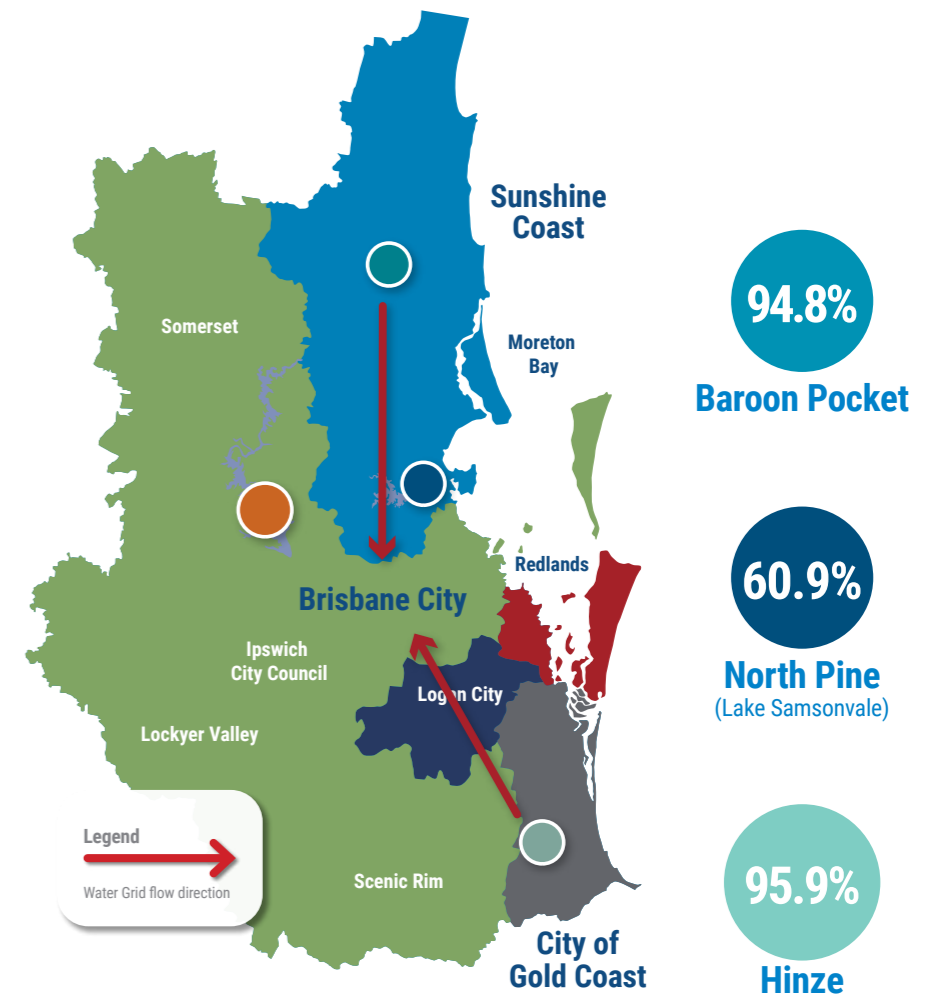
The Northern Pipeline Interconnector has been operated in a southerly flow direction. The Southern Regional Water Pipeline has been operated in a northerly flow direction.

Purified Recycled Water

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

Desalinated water production

Gold Coast Desalination Plant (GCDDP) 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 1207,017 ML

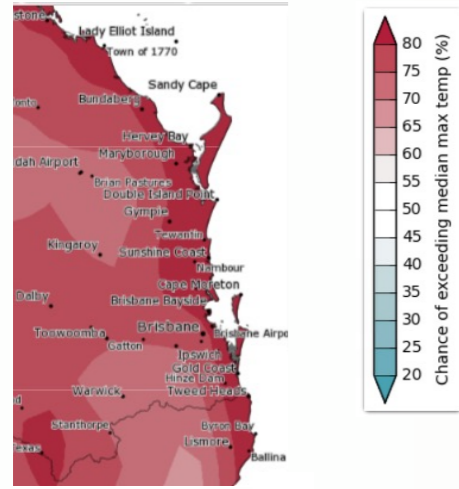
Wivenhoe and Somerset Dams are SEQ's largest storages, and combined make up about 70% of the region's water supply (dams).



Weather outlook

Temperature

The Bureau of Meteorology (BOM) outlook is that there is a greater than 60% chance of exceeding median maximum temperature from November to January.

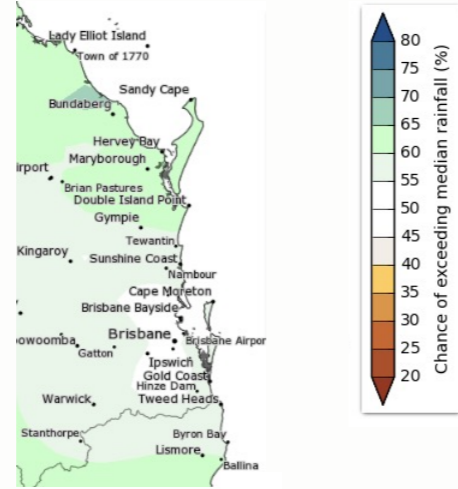


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

*as at 31 October 2024

Rainfall

The BOM outlook is that there is a 50-60% chance of receiving above average rainfall from October to December 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 October 2024

Sunshine Coast Regional Council

1	Kenilworth	Mary River at Bellbird Creek flow: 13.3 ML/day	●	●
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Moreton Bay Regional Council

2	Dayboro	Groundwater Well No 1 standing water level: 40.61 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 1.47 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: 89.6%	●	●
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9	Canungra	Canungra Creek flow: 25.4 ML/day	●	●
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10	Beaudesert		●	●
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11	Kooralbyn	Maroon Dam storage level: 98.9%	●	●
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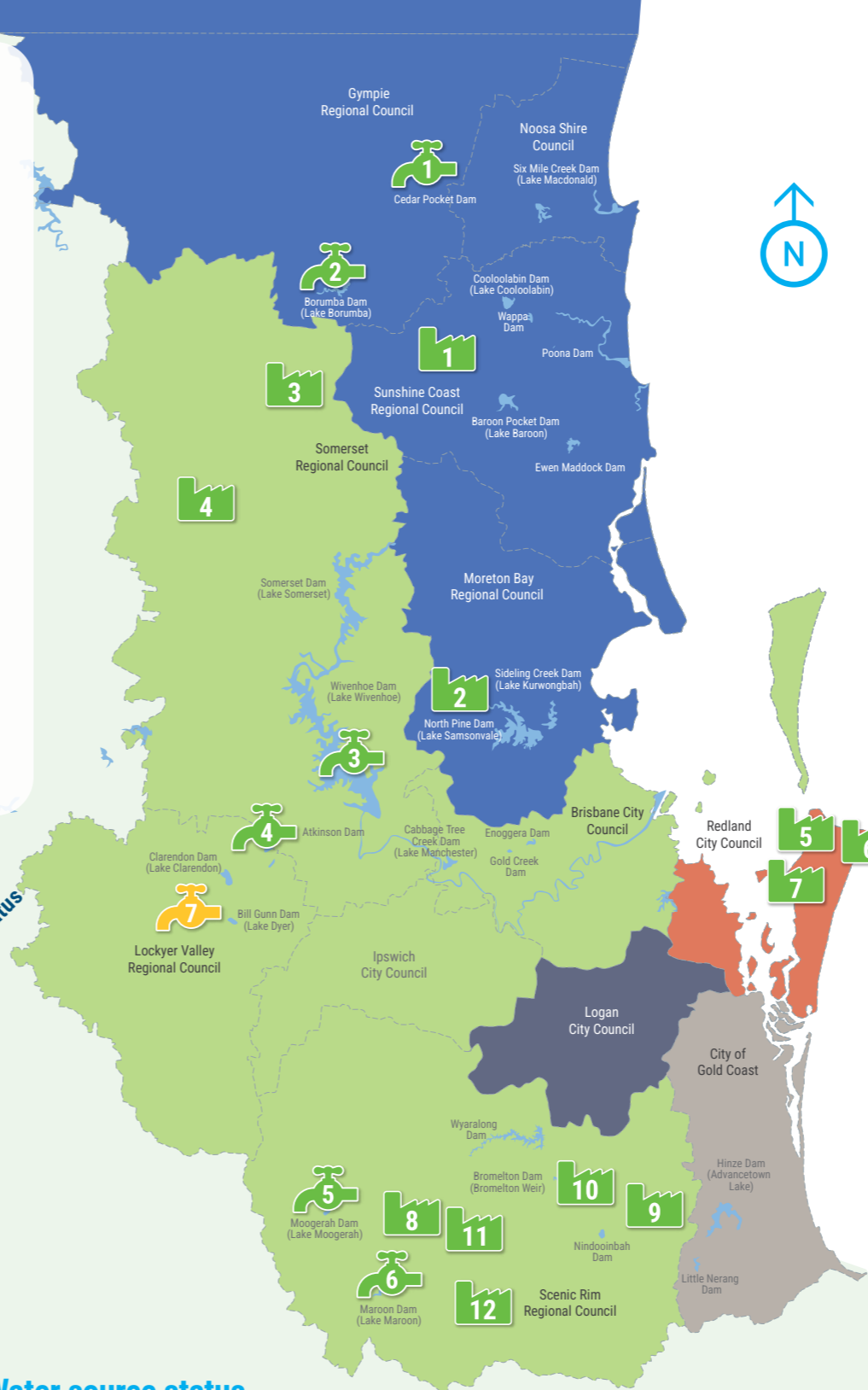
12	Rathdowney		●	●
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Water source status

- 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 October 2024



Full allocation



Restricted



Suspended



Cedar Pocket Water Supply Scheme

Cedar Pocket Dam currently 92.6% (Down 0.1% from last month)
Announced Allocations Medium Priority 100%



Mary Valley Water Supply Scheme

Borumba Dam currently 98.4% (Down 0.8% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Central Brisbane Water Supply Scheme

Wivenhoe Dam/Somerset Dam currently 78.1% (Down 1% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Lower Lockyer Water Supply Scheme

Atkinson Dam currently 70.4% (Down 3.1% from last month)
Announced Allocations Medium Priority 100%



Warrill Valley Water Supply Scheme

Moogerah Dam currently 89.6% (Down 2.5% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Logan River Water Supply Scheme

Maroon Dam currently 98.9% (Down 0.6% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Central Lockyer Water Supply Scheme

Clarendon Dam & Bill Gunn Dam currently 60.9% (Down 3% from last month)
Announced allocation (surface water) Morton Vale 100%, Medium Priority Zones 55%
Announced allocation (groundwater) Medium Priority 100%, Low Priority 100%