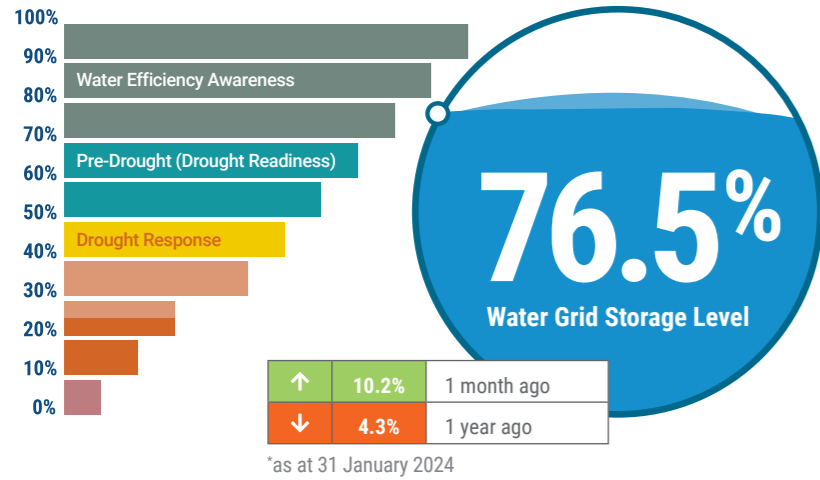


WATER SECURITY STATUS REPORT January 2024

Overall water security position



The Bureau of Meteorology officially declared an El Niño weather event on 19 September 2023, following a hot dry winter and a warmer than average spring. Current climate models suggest El Niño has peaked and is declining, indicating a return to neutral conditions by June 2024.

In January, rainfall was well above average across most of the region and maximum temperatures were above average. Due to this recent widespread rainfall the Water Grid Storage (WGS) level increased by 10% in January 2024.

Storage levels are now sitting at 76.5% (at 31 January 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 low to medium (30-45%) chance of above median rainfall in February to April, and a strong expectation of hot conditions (>80% chance of above median maximum temperatures).

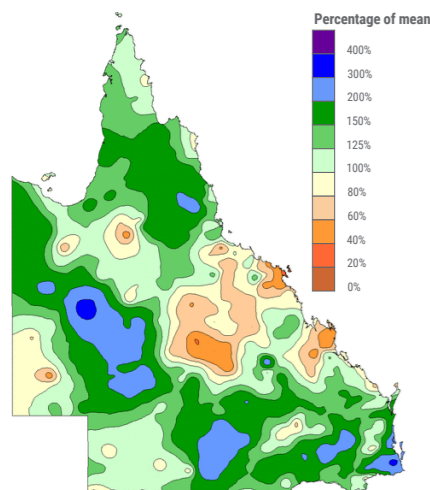
In the off-grid communities, due to widespread rainfall at the end of December and in early January, all off-grid communities have exited drought triggers.

Due to the water grid storage level rising above 70% in January, the issue of the Water Security Status Report will move from a monthly to a quarterly issue.

Queensland rainfall percentages

01 January 2024 to 31 January 2024

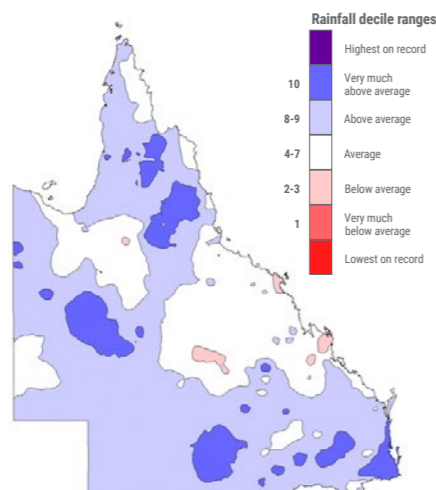
Australian Gridded Climate Data



Queensland rainfall deciles

01 January 2024 to 31 January 2024

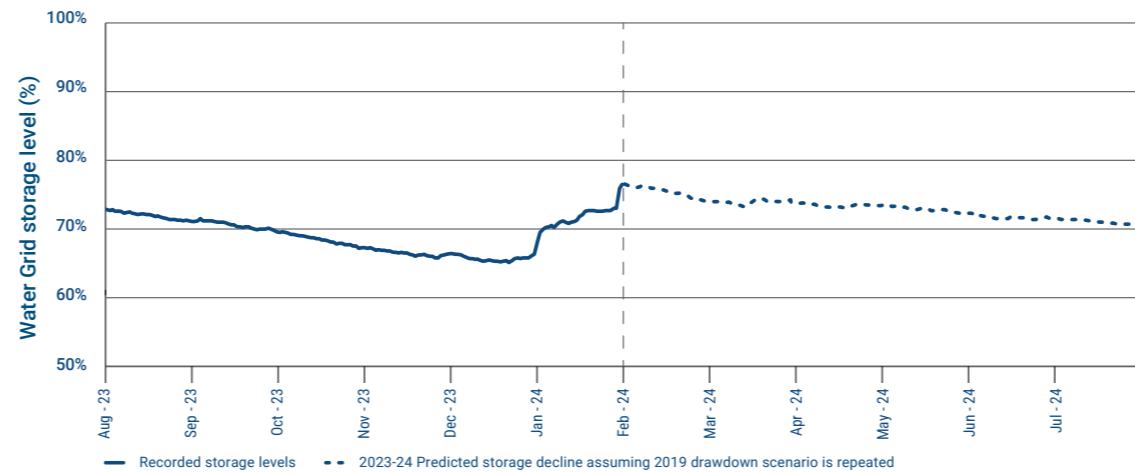
Australian Gridded Climate Data



Water Grid storage

Climate model outlooks suggest El Niño has peaked and is declining, indicating a return to neutral in the southern hemisphere autumn 2024. The ENSO Outlook will remain at El Niño status until this event decays, or signs of a possible La Niña appear. If very dry conditions return (similar to the very dry year of 2019) storages could return to 70% by August 2024, and to a level of 60% by the end of December 2024.

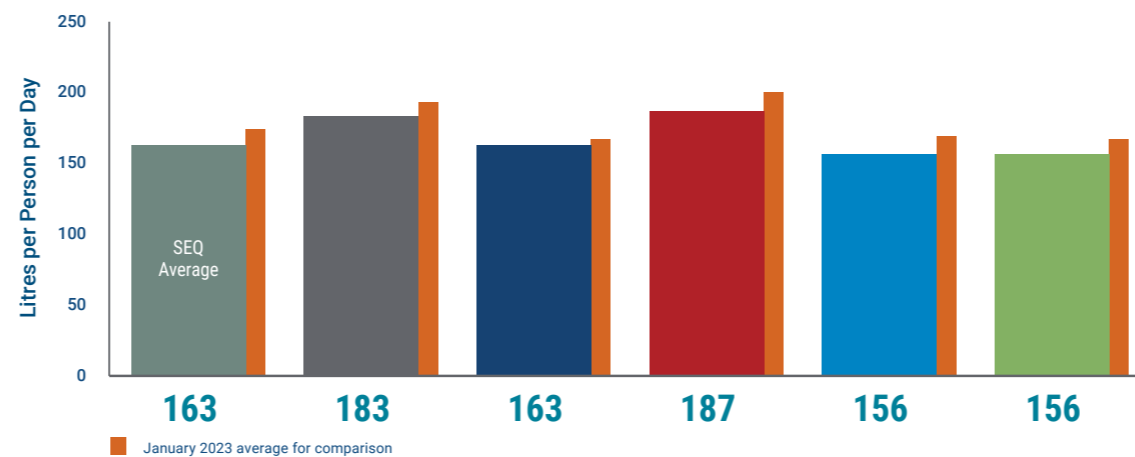
Following recent widespread rainfall in the region, the soil moisture level in the Wivenhoe Dam catchment has increased to above 80%. This significantly high soil moisture level will result in higher runoff if follow-up rain takes place.



Average daily residential consumption

Average residential consumption in January was 163 litres per person per day (LPD). This represents a decrease in consumption compared to the 174 LPD recorded in the same month last year.

*Date range is 4/01/2024 - 31/01/2024 and 5/01/2023 - 1/02/2023



Water Grid operation

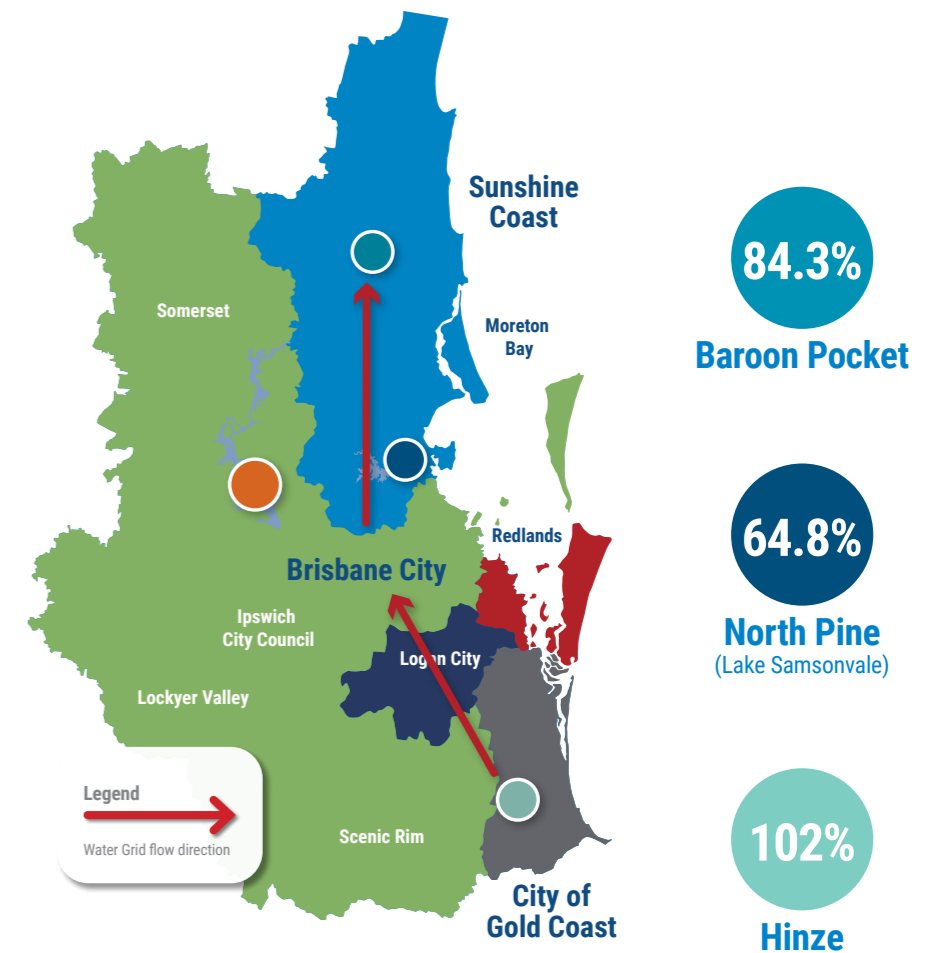
Both the Northern Pipeline Interconnector and the Southern Regional Water Pipeline have been operated in notherly flow direction.

Purified Recycled Water

Seqwater continues to supply Purified Recycled Water to industrial customers.

Desalinated water production

Gold Coast Desalination Plant (GCDP) returned to normal operations following a return to above 70% storage levels.

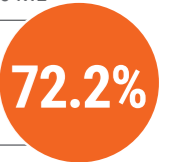


Wivenhoe/ Somerset (Combined)

Full supply capacity 1,545,089 ML Current capacity 1,116,129 ML

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

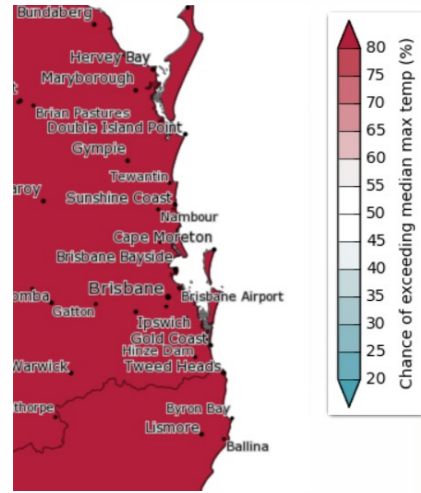
↑	2.99%	1 Week ago
↑	6.02%	1 month ago
↓	6.68%	1 year ago



Weather outlook

Temperature

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

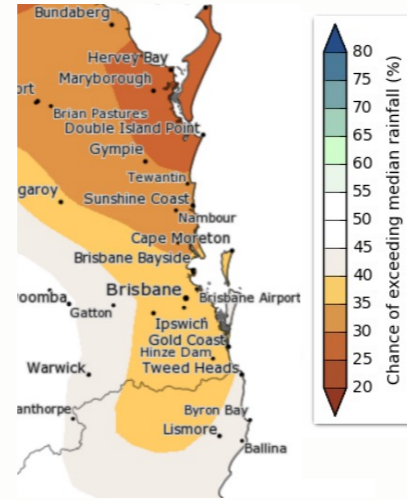


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

*as at 31 January 2024

Rainfall

The BOM outlook is that there is a below average chance (30-45%) of receiving above average rainfall from February to April 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 January 2024

Sunshine Coast Regional Council

1 Kenilworth	Mary River at Bellbird Creek flow: 795.02 ML/day	●	●
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Moreton Bay Regional Council

2 Dayboro	Groundwater Well No 1 standing water level: 42.16 m AHD (latest available read on 31 January, North Pine River is currently flowing)	●	●
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Somerset Regional Council

3 Jimna	Yabba Creek flow - Big Hole Weir is overflowing.	●	●
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4 Linville	Brisbane River at Linville 317.39 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): 19.781 m AHD	●	●
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7 Dunwich			
------------------	--	--	--

Scenic Rim Regional Council

8 Kalbar	Moogerah Dam storage level: 105.2% (Boonah, Aratula and Mount Alford)	●	●
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9 Canungra	Canungra Creek flow: 225.26 ML/day	●	●
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10 Beaudesert			
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11 Kooralbyn	Maroon Dam storage level: 101%	●	●
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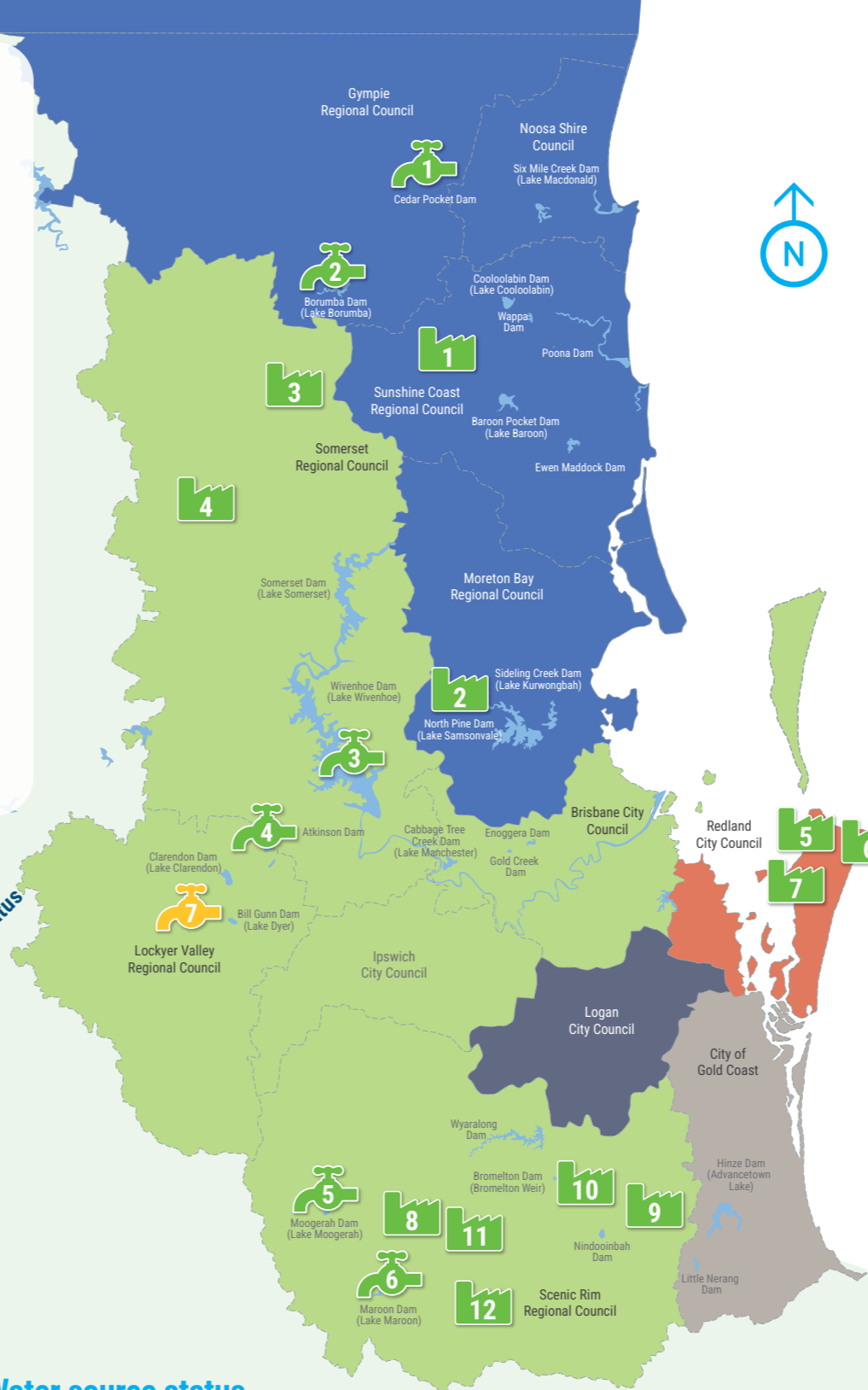
12 Rathdowney			
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Water source status

- 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 January 2024



Full allocation



Restricted



Suspended



Cedar Pocket Water Supply Scheme

Cedar Pocket Dam currently 104.4% (Up 22.9% from last month)
Announced Allocations Medium Priority 100%



Mary Valley Water Supply Scheme

Borumba Dam currently 101.3% (Up 17.7% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Central Brisbane Water Supply Scheme

Wivenhoe Dam/Somerset Dam currently 72.2% (Up 6% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Lower Lockyer Water Supply Scheme

Atkinson Dam currently 62.1% (Up 12.4% from last month)
Announced Allocations Medium Priority 100%



Warrill Valley Water Supply Scheme

Moogerah Dam currently 105.2% (Up 5.2% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Logan River Water Supply Scheme

Maroon Dam currently 101% (Up 5.2% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)



Central Lockyer Water Supply Scheme

Clarendon Dam & Bill Gunn Dam currently 61.0% (Up 8.4% from last month)
Announced allocation (surface water) Morton Vale 100%, Medium Priority Zones 41%
Announced allocation (groundwater) Medium Priority 100%, Low Priority 100%