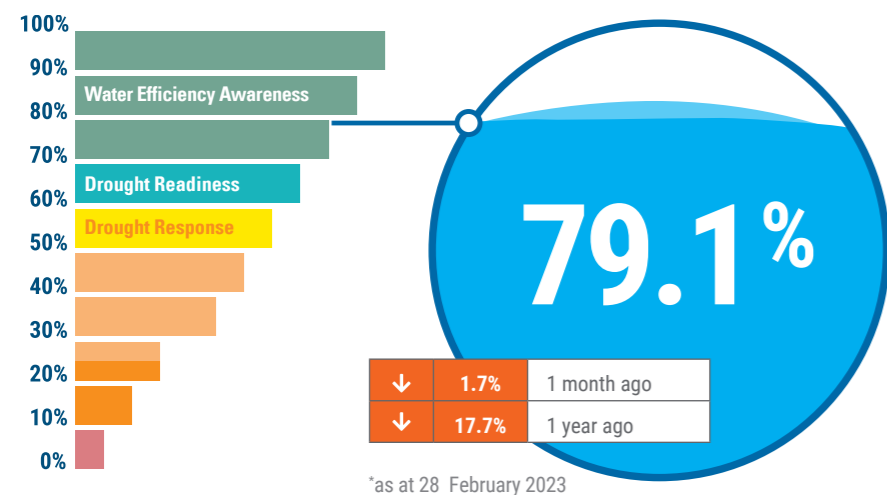


Overall water security position

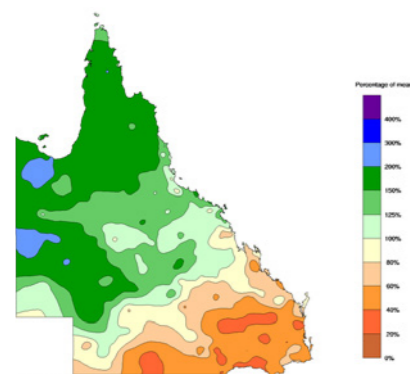


Over the past 3 years the region has experienced a rare triple La Niña. La Niña events are often associated with higher than average rainfall. However, as we reach the end of summer the Bureau of Meteorology (BOM) has reported below average rainfall across South East Queensland, with the majority of sites recording 70% or less of their average rainfall. On 14 March the Bureau issued an El Niño WATCH, which indicates that there is a 50% chance of an El Niño in 2023.

Due to drier than average conditions the SEQ Water Grid level has continued to steadily decline through February. With the likelihood of exceeding average Autumn rainfall at or below 40%, the trend of the decreasing Grid level looks likely to continue as we enter the traditional dry season (typically April to October). These drier than usual conditions have also seen Dayboro reach their Level 1 (Drought Readiness) drought trigger and Canungra stream levels reducing, approaching its drought pre-trigger. Both communities continue to be closely monitored.

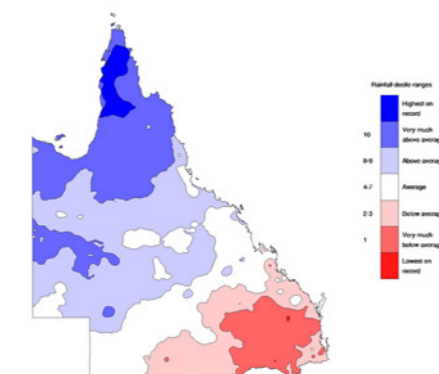
Queensland rainfall percentages

1 December 2022 to 28 February 2023
Australian Gridded Climate Data



Queensland rainfall deciles

1 December 2022 to 28 February 2023
Australian Gridded Climate Data



77.3%

Wivenhoe/
Somerset
(Combined)

88.0%

Baroon
Pocket

61.7%

North Pine
(Lake Samsonvale)

95.5%

Hinze

Water Grid storage

Wivenhoe Dam and Somerset Dam are currently operating under amended full supply levels of approximately 90% and 80% respectively. These amended levels will remain in place until the dam improvement works have been completed. In addition, the operating level of Wivenhoe Dam was reduced to approximately 80% under a Temporary Full Supply Level (TFSL) in accordance with a Ministerial Directive. It's understood that this TFSL will remain in place until 30 April 2023.

North Pine Dam is currently operating under a Reduced Full Supply Level (RFSL) of approximately 68%. This RFSL will remain in place until the North Pine Dam improvement works have been completed. As such, the current Full Supply Level for the SEQ Water Grid is limited to 82.7% (rather than 100%).

During the drier than average summer period, the South East Queensland (SEQ) Water Grid storage level has steadily decreased to 79.1% at the end of February.

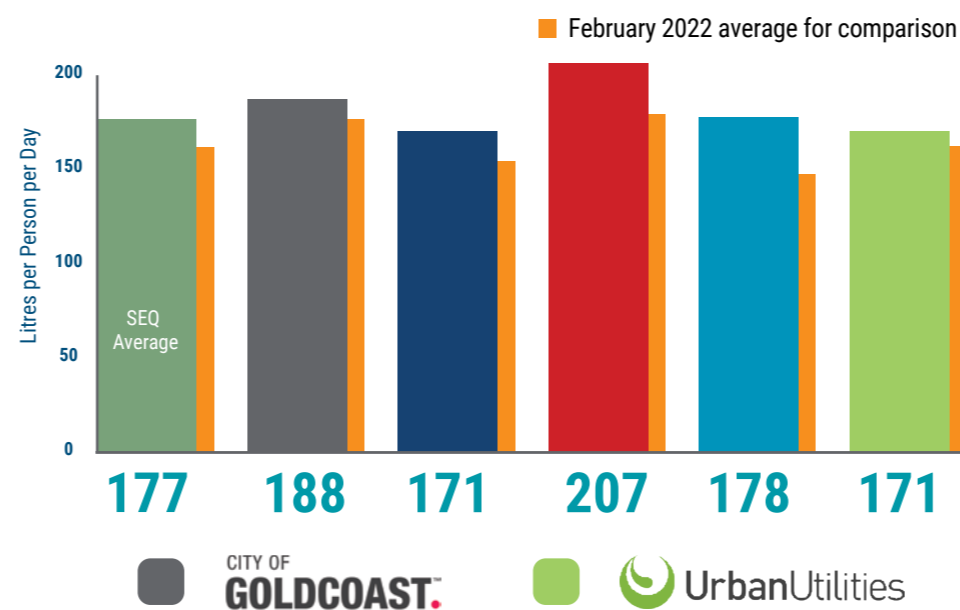
Did you know?

The triple La Niña of 2020-23 is only the third observed since 1950, with the other two occurrences taking place in 1973-76 and 1998-2001.

Average daily residential consumption

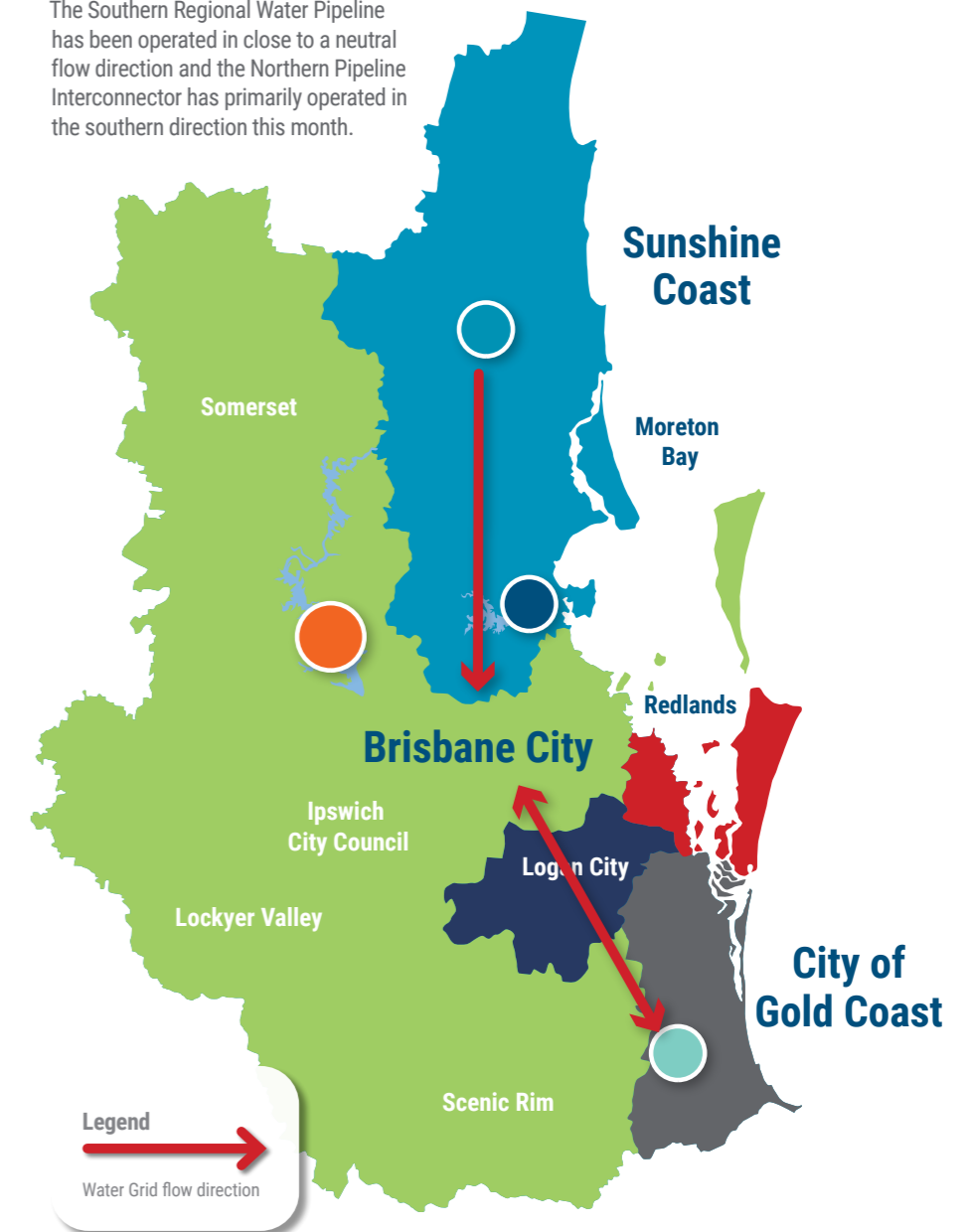
Average residential consumption in February was 177 litres per person per day (LPD). This represents an increase in consumption over the 162 LPD recorded in the same month last year.

*Date range is 26/01/2023 to 22/02/2023 and 27/01/2022 to 23/02/2022



Water Grid operation

The Southern Regional Water Pipeline has been operated in close to a neutral flow direction and the Northern Pipeline Interconnector has primarily operated in the southern direction this month.



Purified Recycled Water

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

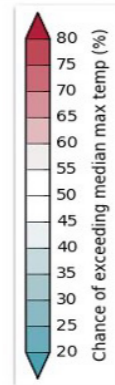
Desalinated water production

The Gold Coast Desalination Plant production is currently reduced due to maintenance.

Weather outlook

Temperature

The Bureau of Meteorology (BOM) outlook is that there is around 80% chance of exceeding median maximum temperature from March to May 2023.

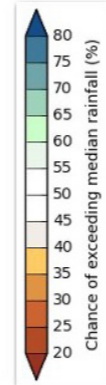
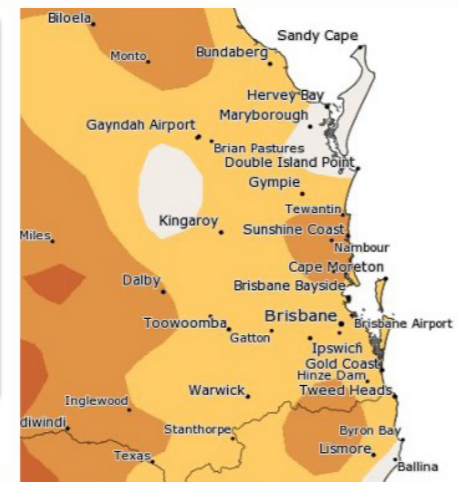


<http://www.bom.gov.au/climate/outlooks/#/temperature/maximum/median/seasonal/0>

*as at 28 February 2023

Rainfall

The BOM outlook is that there is below 40% chance of exceeding median rainfall from March to May 2023.



<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 28 February 2023

Sunshine Coast Regional Council

1	Kenilworth	Mary River at Bellbird Creek flow: ~73.08 ML/day	●	●
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Moreton Bay Regional Council

2	Dayboro	Groundwater Well No 1 standing water level: 40.72 m AHD (latest available read on 27 February, river flowing)	●	●
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Somerset Regional Council

3	Jimna	Yabba Creek flow: water flowing over the Big Hole Weir	●	●
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4	Linville	Brisbane River at Linville 10.58 ML/day	●	●
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Redland City Council

5	Amity Point		●	●
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6	Point Lookout	Minjerribah Groundwater standing water level (primary bore): 20.025 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: 95.2%	●	●
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9	Canungra	Canungra Creek flow: ~ 28.50 ML/day	●	●
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10	Beaudesert		●	●
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11	Kooralbyn	Maroon Dam storage level: 99%	●	●
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12	Rathdowney		●	●
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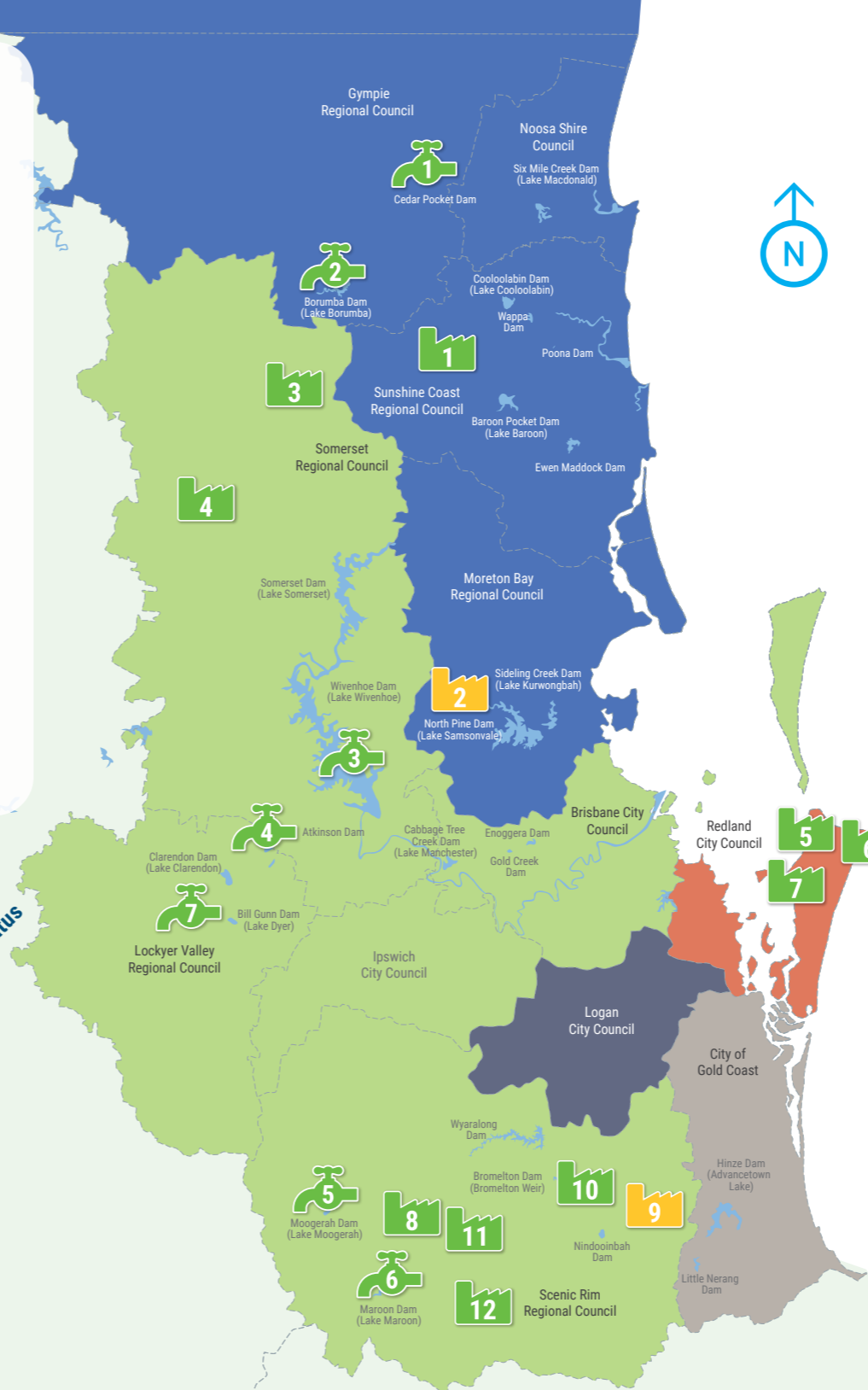
Water source status
Restriction status

Water source status

- Source meeting demand
- Approaching water carting
- Supplementary carting
- Full carting

Restrictions status

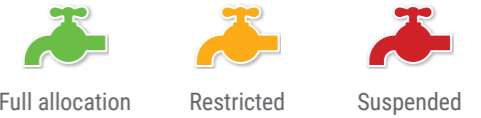
- Water efficiency awareness
- Voluntary conservation
- Medium level water restrictions
- High level water restrictions or greater



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 28 February 2023



- 1 Cedar Pocket Water Supply Scheme**
 Cedar Pocket Dam currently 93.1% (Down 5.4% from last month)
Announced Allocations Medium Priority 100%
- 2 Mary Valley Water Supply Scheme**
 Borumba Dam currently 99.2% (Down 0.8% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 3 Central Brisbane Water Supply Scheme**
 Wivenhoe Dam/Somerset Dam currently 77.3% (Down 1.7% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 4 Lower Lockyer Water Supply Scheme**
 Atkinson Dam currently 91.5% (Down 0.5% from last month)
Announced Allocations Medium Priority 100%
- 5 Warrill Valley Water Supply Scheme**
 Moogerah Dam currently 95.2% (Down 1.8% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 6 Logan River Water Supply Scheme**
 Maroon Dam currently 99% (Down 0.6% from last month)
Announced Allocations Medium Priority 100% (also supplies high priority)
- 7 Central Lockyer Water Supply Scheme**
 Clarendon Dam & Bill Gunn Dam currently 96.8% (Down 2.6% from last month)
Announced allocation (surface water) Morton Vale 100%, Medium Priority Zones 100%
Announced allocation (groundwater) Medium Priority 100%, Low Priority 100%