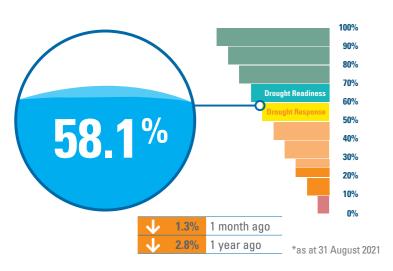
WATER SECURITY STATUS REPORT

August 2021



Overall Water Security Position



Drought conditions are continuing as we enter Spring, with the water grid storage level now at 58.1%. Wivenhoe is still the main area of interest. Storage levels could potentially be as low as 50% by December.

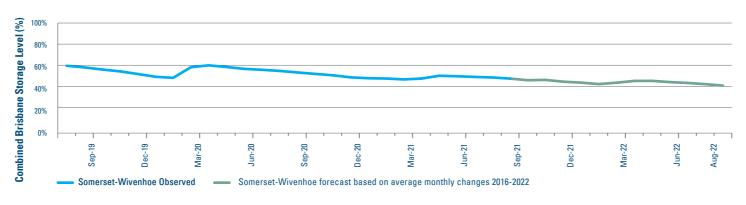
Wivenhoe and Somerset combined levels are at 47.5% This is 5.7% lower than the same time a year ago.



The Gold Coast Desalination Plant is continuing to be operated to supplement supply to the grid.

The Southern Regional Water Pipeline continues to be operated in a northern flow direction, and the Northern Pipeline Interconnector in a southern flow direction.

Wivenhoe and Somerset future levels should recent conditions repeat



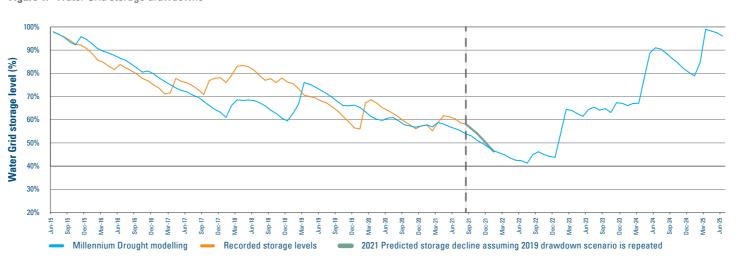
Water Grid storage

Water Grid storage actual draw down to August 2021 with projected drawdown to January 2022

The Water Grid drawdown graph shows historical storage data and a projected five month drawdown if the rate observed during the dry calendar year of 2019 was repeated.¹ The 2019 data is used because it was a particularly dry year. The Water Grid storage could reach 50% as soon as December 2021 if dry conditions, as observed in 2019, were to continue from September onwards. The Millennium Drought is shown with today's demand, current grid and drought response plan to compare drawdowns over an extended drought period (see Figure 1).

1. This projected drawdown does not account for differences in demand and supply conditions, such as continued operation of the Gold Coast Desalination Plant.

Figure 1: Water Grid storage drawdowns



End of month storage decline assuming a repeat of the particularly dry 2019 year (2020 data not used):

Sep 21 - 55.8% | Oct 21 - 54.1% | Nov-21 - 51.6% | Dec 21 - 48.9% | Jan 22 - 46.3%

















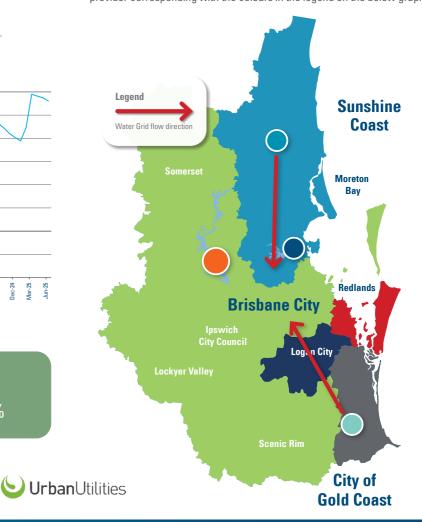
Average Daily Residential Consumption

With the Water Grid levels below 60%, Seqwater continues to encourage residents to be water wise. The target of 150 litres per person per day (LPD) is in place as per the South East Queensland adaptive drought response approach.



*Data range is 1/07/2021 - 28/07/2021 and 2/07/2020 - 29/07/2020

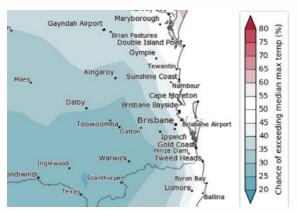
Average consumption was just above the 150 litres per day target for August. This is shown above where you can see each water service provider corresponding with the colours in the legend on the below graph.



Weather outlook

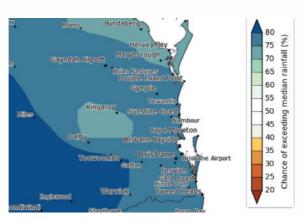
Temperature

The Bureau of Meteorology (BOM) outlook is that there is a 25-45% chance of exceeding median max temperature September to November 2021.



Rainfall

The BOM outlook is that there is a 70-75% chance of exceeding median rainfall September to November 2021.



Supplementary carting

Restrictions status

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

Full carting

Likelihood of grid levels improving in the short term

Although the BOM outlook is for above average rainfall over the next three months, we are in the dry season, synonymous with lower median rainfalls providing minimal opportunity to improve grid storage levels in the Wivenhoe Catchment

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 table has been updated as at 31 August 2021

Sunshine Coast Regional Council

Kenilworth	Wells near the Mary River Bellbird Creek flow ~ 2.54 ML/day	•
Moreton Bay Re	gional Council	
Dayboro	Groundwater Well No 1 standing water level 38.4 m AHD	

Somerset Regional Council

3	Jimna	Yabba Creek; water not flowing over the big hole	•	•
4	Linville	Brisbane River at Linville ~ 18.8 ML/day		

Red	land City Counc	oil and the second seco		
5	Amity Point			
6	Point Lookout	North Stradbroke Island Groundwater; standing water level 16.915 m AHD*	•	•

Scenic Rim Regional Council

8	(Boonah, Aratula and Mount Alford)	Moogerah Dam 41.6%	•	•
9	Canungra	Canungra Creek; stream flow ~ 15.85 ML/day	•	•
10	Beaudesert			

Rathdowney

Kooralbyn

Dunwich

Maroon Dam 99.6%

Lockyer Valley Water source status Source meeting demand Approaching water carting

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.

This data has been updated as at 31 August 2021.







Full allocation

Restricted

Cedar Pocket Water Supply Scheme

Cedar Pocket Dam currently 88.6% (down 10.8% from last month) **Announced allocations** Medium Priority 100%

Mary Valley Water Supply Scheme

Borumba Dam currently 80.6% (down 1.2% from last month) ced allocations Medium Priority 96%

(also supplies high priority)

Central Brisbane Water Supply Scheme



Announced allocations Medium Priority 70%

(also supplies high priority)



Lower Lockyer Water Supply Scheme

Atkinson Dam currently 3.9% (down 0.4% from last month) nced allocations Medium Priority 0%



Warrill Valley Water Supply Scheme

Moogerah Dam currently 41.6% (down 0.9% from last month) Medium Priority 80%



Logan River Water Supply Scheme

Maroon Dam currently 99.6% (up 0.2% from last month) nced allocations Medium Priority 100%

(also supplies high priority)



Central Lockyer Water Supply Scheme

Clarendon Dam & Bill Gunn Dam currently 4.8% down 0.1% from last month)

Morton Vale 0%, Medium Priority 0% (all zones)

Medium Priority 80%, Low Priority 60%



^{*}The bore chosen has the most reliable and up-to-date data that can be continuously monitored.