

### Fairbairn Dam Forecast Storage Volumes

The current storage level of Fairbairn Dam is approximately 13%, we have recorded a previous historical low of 11.8% (Jan 2007) and are expecting that the storage may reach this level mid to late March 2019. This is assuming minimal inflows between now and then.

You can access SunWater’s model for forecasting the storage level at Fairbairn Dam at [http://www.sunwater.com.au/\\_data/storageforecast/Forecast\\_Portal.htm#Fairbairn](http://www.sunwater.com.au/_data/storageforecast/Forecast_Portal.htm#Fairbairn)

### Predicted release capability of Fairbairn Dam at low levels

Based on the information that we have available we estimate the **maximum** delivery capacity for each system currently will be: Selma 280ML/day, Weemah 200ML/day and River 250ML/day. (River flow is dependent on Weemah demand).

### Start of Water Year (1 July 2019) Announced Allocation Scenarios

There are a number of variables such as inflow, evaporation & seepage, Transmission losses and usage between now and 1 July 2019 that will impact what the capacity of Fairbairn Dam may be on 1 July 2019. The table below shows what the HP and MP announced allocations on 1 July 2019 may be depending on the capacity of Fairbairn Dam at that time.

Date	Dam	Assumed level of Fairbairn Dam 1 July 2019			Forecast Announced Allocation		Carryover (ML)
		mAHD	% of Capacity	Volume (ML)	HP	MP	
1/07/2019	Fairbairn	192.68	12.83%	166,969	100%	0%	25,000
1/07/2019	Fairbairn	192.37	11.61%	151,030	75%	0%	25,000
1/07/2019	Fairbairn	192.03	10.33%	134,457	50%	0%	25,000
1/07/2019	Fairbairn	191.66	9.04%	117,642	25%	0%	25,000
1/07/2019	Fairbairn	191.39	8.16%	106,144	10%	0%	25,000

The above scenarios assume the same storage volume held in Bedford, Bingeang and Tartus Weirs on 1 July 2019 as there was on the 1 February 2019. Please note these scenarios also assume 25,000ML of Carryover water.

We are providing you with this information with our best intentions of giving you an indication at what the start of next water year may look like if we don’t receive any inflow and hoping that this information will help you with your business decisions. We recognise that there is still opportunity for rainfall events during the remainder of this wet season which may improve available supply.

### Quarter 3 losses for unused carryover have been applied

Quarterly losses of (10.9%) have been applied to your unused carryover water after your final usage for Q2 (period Oct to Dec) has been recorded. Please check your remaining carryover balance.

### Temporary Transfers – Important to Note

Temporary transfers that may have been approved previously may be rejected or, approved only in certain circumstances as its important SunWater not only gives consideration to the guidelines and ROP rules but whether the water can be delivered and would not make operating the scheme during this period too difficult or impact other users.

### CWSA (Critical Water Supply Arrangement) Interim Program – Tartus Weir

A reminder while the CWSA for Tartus Weir is in place, temporary transfers in or out of Zones B,C & D are not allowed. A copy of the CWSA can be found here: <https://bit.ly/2zBkqs9>

### Selma Channel Lining Project

The Selma Channel Lining Project will commence on **22<sup>nd</sup> March 2019 through to 22<sup>nd</sup> April 2019** with the first section of channel being profiled and re-lined. The section of channel will be from 25 Mile (Tyson Road) to Ford Creek. This will mean that water deliveries below 25 Mile (Tyson Road) will be interrupted during this period. All directly impacted customers have been notified of this outage.

### Announced Allocation

For current water year:  
HP - 100%, MP – 11%

### Fairbairn Dam - Full Supply Capacity

1,301,129 ML

### Capacity @ 06/02/2019

170,188ML (13.08%)

EL192.742mAHD

### Volume Change since 17 Dec 2018

-38,060ML (-2.93%) EL-0.678mAHD

### Water Use Data:

#### July to December 2018

- Channel 29,990ML
- River 34,186ML
- Pipeline 3,489ML
- SW Losses 6,846ML

#### January Usage (usage recorded in system to date)

- Channel 2,274ML
- River 2,400ML

### Remaining Allocation 52,485ML

*(as per usage recorded as at 1 February)*

(includes unused carryover)

Channel 9,113ML

River 34,754ML (includes SW Loss)

Pipeline 8,617ML

### Remaining Carryover based on usage recorded as at 31 January

6,773ML

### Water orders

- February 2019 (to date)
  - Channel 1,320ML
  - River 480ML

### Dates to Remember

QCA Consultation #1

2pm to 4pm Wed 13/2/2019

Mayfair Tavern

QCA price path submissions due

22/2/2019 [www.qca.org.au](http://www.qca.org.au)

SHED Meetings/Shutdown

Planning

Date TBA in next bulletin