

Fairbairn Dam Forecast Storage Volumes

With no major inflows received into Fairbairn Dam, the storage is now below the recorded previous historical low of 11.8% (Jan 2007). Today's storage volume is 151,842 ML (11.67%). You can access SunWater's model for forecasting the storage level at Fairbairn Dam at <https://bit.ly/2T2kbwU>

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 is currently: Selma 240ML/day, Weemah 200ML/day and River 250ML/day. (River flow is dependent on Weemah demand). This will change as dam levels reduce. These capacities will be revised in the next bulletin.

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

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	192.73	13.03%	169,586	100%	0%	25,000
1/07/2019	Fairbairn	192.42	11.80%	153,537	75%	0%	25,000
1/07/2019	Fairbairn	192.10	10.59%	137,816	50%	0%	25,000
1/07/2019	Fairbairn	191.73	9.27%	120,693	25%	0%	25,000
1/07/2019	Fairbairn	191.39	8.16%	106,144	5%	0%	25,000

The above scenarios are calculated using the current approved water sharing rules in the Nogo Mackenzie Operations Manual and uses the storage volume held in Bedford, Bingegang and Tartus Weirs on 1 July 2019 as there was on the 13 March 2019. Please note these scenarios also assume 25,000ML of Carryover water.

Unused carryover water

If you are unlikely to use all of your carryover water between now and 30 June you may like to consider temporary transferring your spare water. Any unused carryover water on the 30 June will be cancelled from your account. You can register your available water for temporary transfer with a water broker or alternatively advertise in your local community via local papers etc. For Water Broker details please contact your Customer Support Team on 13 15 89. **Please remember that the carryover loss adjustment will be applied to your carryover balances at the end of March (13.7%).**

Temporary Transfers – Important to Note

Temporary transfers that may have been approved previously may be rejected, or approved only in certain circumstances. It is 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. **Under normal conditions there are no loss adjustments for the scheme. SunWater will advise applicants if a loss adjustment is required.** See our website for full details: <https://bit.ly/2TNzQEK>

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/2T0507r>

Selma Channel Lining Project

The Selma Channel Lining Project will commence on **22nd March 2019 through to 22nd 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.

Announced Allocation

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

Fairbairn Dam - Full Supply Capacity

1,301,129 ML

Capacity @ 13/03/2019

151,842ML (11.67%)
EL192.387mAHD

Volume Change since 06/02/2019

-18,346ML (-1.41%) EL-0.36mAHD

Water Use Data:

July to December 2018

- Channel 29,990ML
- River 33,670ML
- Pipeline 3,489ML
- SW Losses 6,846ML

January & February Usage (usage recorded in system to date)

- Channel 4,612ML
 - River 4,689ML
- Total usage to date 83,296ML

Remaining Allocation 48,608ML (as per usage recorded as at 1 March)

(includes unused carryover)
Channel 7,512ML
River 32,478ML (includes SW Loss)
Pipeline 8,617ML

Remaining Carryover based on usage recorded as at 28 February

6,206ML

Water orders

- March 2019 (to date)
 - Channel 2353ML
 - River 560ML

Dates to Remember

SHED Meetings/Shutdown Planning
1st Week of April. Meeting invitations will be sent out shortly