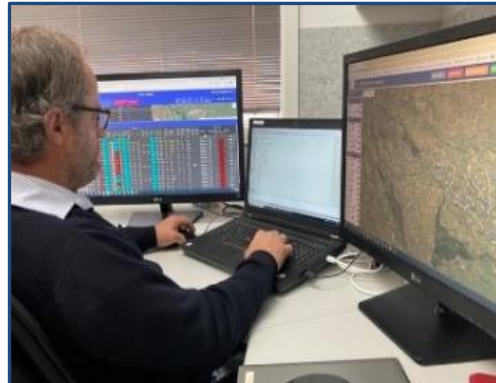


Channel Control System Upgrade

This edition of Talking Water describes the work being undertaken on the channel control system to provide continuous improvement in service levels to customers and maximum efficiency gains from water delivery.

The project is part of the ongoing development of the channel control system modernisation that started with PIOP in 2013.

This latest upgrade will combine the separate channel level and outlet software systems and improve the efficiency of remote communication.



Why is the Control System Upgrade happening?

The upgrade of the Channel Control System will:

- Provide more flexibility for customers and a solid foundation for continuous improvement in service levels in the future.
- Maximise resources, productivity and efficiency gains to customers.
- Implement a robust, single control system to reduce incidents and faster fixes for issues in line with best practices.
- Generate early warnings for infrastructure not performing as intended.
- The upgrade will create a robust base to take advantage of future technological advancements.
- Seamlessly support the Modes of Operation outlined within the [Season Operating Plan](#) providing greater reliability for customers.

What can I expect?

- The next step in the system upgrade is being rolled out across the 30 Operational Areas starting this week.
- Customers will be notified via SMS when the upgrade starts in their Operational Area.
- We do not expect you will experience any changes or issues with the delivery of your water.
- Please contact Customer Operations immediately if you do experience any changes.

Announced allocation

Class C General Security.....	44%
Allocation Advance.....	8%
Water resource distribution	0%

Water availability and deliveries (21/09/2021)

Supplementary Licence.....	121,704 units
Supplementary Diversions*.....	121,704 ML
Supplementary Deliveries*.....	94,726 ML
YTD deliveries*	122,940 ML
Customers.....	122,940 ML
DPIE Deliveries.....	0 ML
WaterNSW Deliveries.....	0 ML
Weekly Deliveries.....	11,894 ML
Weekly crop usage.....(winter crops)	71%
Customer account balance.....	679,396 ML
WE in customer accounts.....	805,724 WE
Vol. % remaining.....	84%

*Provisional data

*Supplementary Deliveries is less than last week due to final meter readings being completed.

Channel flows today

Wakool Offtake	500 ML
Mulwala Offtake.....	1,900 ML
Billabong Escape.....	0 ML
Edward River Escape.....	0 ML
Perricoota Escape	0 ML
Wakool River Escape.....	200 ML

Water trade data

Net trade week.....	377 ML
Net trade YTD.....	- 5,580 ML

Water exchange data

(20/09/2021)	
Internal listings (No. & ML).....	30;3,761.02ML
External listings (No. & ML).....	0;0.00 ML
Int. purchasers (No. & ML).....	31;2,321.90ML
Ext purchasers (No. & ML).....	3;300 ML

Water for sale @ 20/09/21.....	7,216 ML
Weighted average sale price.....	\$93.00
Price range @ 21/09/21.....	\$97 - \$250
Buy offer range @ 21/09/21.....	\$91 - \$45

Storages*

mdba.gov.au	
Dartmouth.....	3,004 GL ↑.....78 % ↑
Hume.....	2,913 GL ↑.....97 % ↑
Lake Victoria.....	646 GL ↑.....95 % ↑
Menindee Lakes.....	1,856 GL ↑.....100 % ↑
Total Storage.....	8,419 GL ↑.....91 % ↑

Rivers*

Murray @ Doctors Point.....	12,039 ML/d
Murray d/s Yarra. Weir.....	28,768 ML/d
Goulburn @ McCoy Bridge.....	1,588 ML/d
M'Bidgee d/s Balranald.....	10,292 ML/d
Darling @ Burtundy.....	964 ML/d
Flow to SA	22,909 ML/d
Murray to the sea	1 gate open

*This information is provided for general reference purposes only. We take best endeavours to ensure accuracy. This data was correct as at 9am, Tuesday, 21 September 2021.

Resource links

[MDBA weekly report](#)

[NSW Water allocation statements](#)

[Rainfall and evaporation](#)

[Barmah Choke trade balance](#)

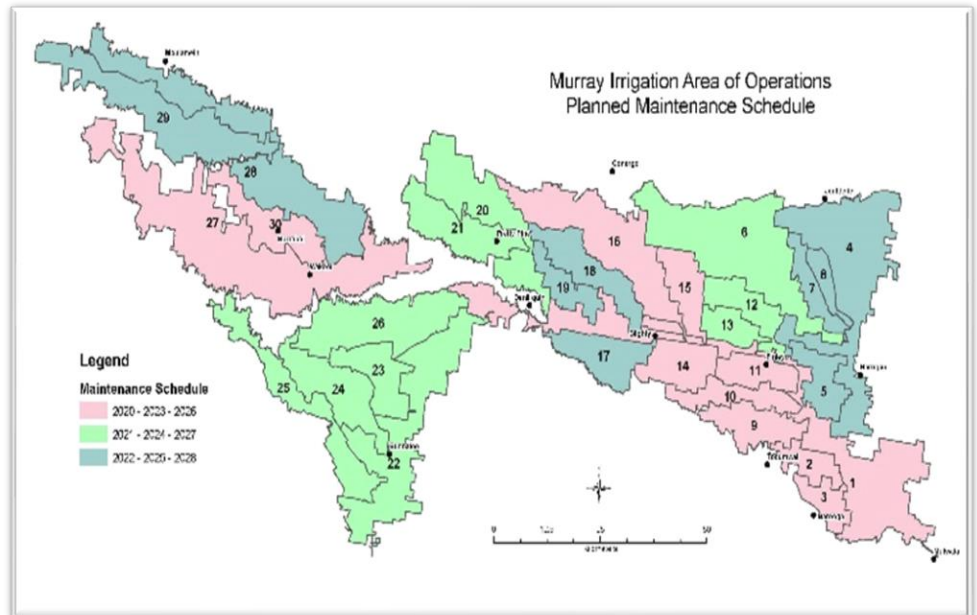
Tuesday, 21 September 2021

Have questions? Call our friendly Customer Operations team on 1300 138 265 or email customersupport@murrayirrigation.com.au

What is an Operational Area?

To support the implementation of the control system technology, the water delivery system has been segmented into 30 Operational Areas. These were previously called “Divisions”. The new operational areas have also been used to support the rolling three year maintenance strategy.

Customers can view the Operational Areas that their outlets are in by going to the “My Outlets” page on the customer portal. (pictured below)



What is the Channel Control System?

The Channel Control system is the software, the field equipment, processes, and telecommunications needed to safely control and account for the water within the network.



What are the Modes of Operation?

Operating Modes are the pre-set service levels and priorities that describe how the channel system will be operated across the year. Flexibility, efficiency, and water savings are the key priorities of the Modes which change as our potential water deliveries increase. As a result, order notice periods, channel operating levels, S&D supply and irrigation intentions arise within each Mode:

MODE 1 - Drought
Water saving critical

MODE 2 - Dry
Efficiency, balancing water saving and customer flexibility

MODE 3 – Normal
Full customer flexibility.

