

Greater Sydney Operations Report

April 2021

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Key messages

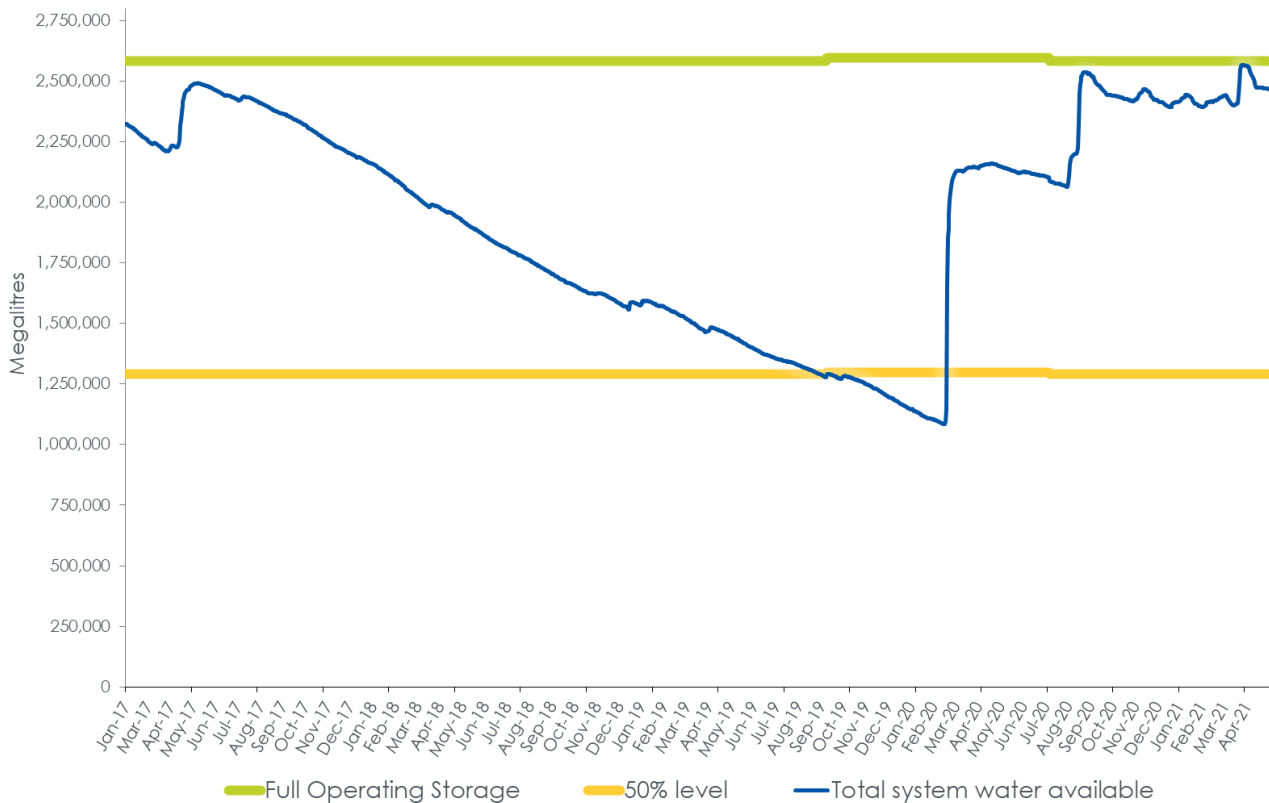
- As at 30 April 2021 the total available water held in Greater Sydney storages was **95.5%**, a decrease of 3.7 % from last month.
- All the Greater Sydney catchments experienced well below average rainfall for the month of April.
- Our total inflow this month was 198GL, bringing our total inflow for this calendar year to 2536GL. This amount is 102% of the annual long-term average.
- With our storages exceeding 75%, there were no transfers from the Shoalhaven System and Water Wise Guidelines are in place across Greater Sydney.
- As total system storage declines with normal supply, it is expected we will reach 75% (the trigger to re-commence Shoalhaven Transfers) in March 2022 at the earliest.



Storage Levels

As at Sunday 30 April 2021 the total available water held in Greater Sydney storages was **95.5%**, a decrease of 3.7% from last month. For more information on Greater Sydney Dam levels please visit www.waternsw.com.au/sydneydamlevels

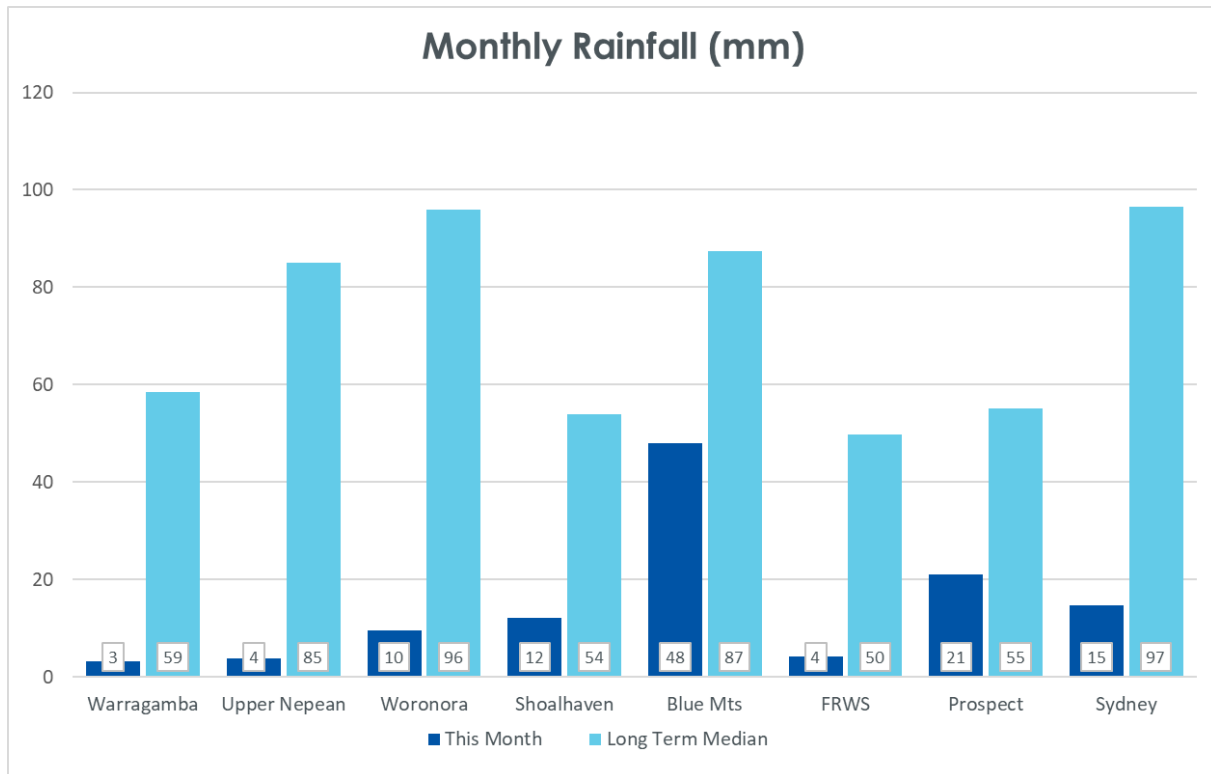
Available storage 95.5% on 30 April 2021



Storage	Capacity (ML)	Friday 30 April 2021			Wednesday 31 March 2021		
		Level (m)	Available (ML)	Available (%)	Level (m)	Available (ML)	Available (%)
Cataract	97,190	-1.25	87,157	89.7	-0.15	95,832	98.6
Cordeaux	93,640	-0.04	93,328	99.7	0.06	93,640	100.0
Avon	146,700	-0.27	143,719	98.0	0.01	146,700	100.0
Nepean	67,730	-0.43	66,405	98.0	0.16	67,730	100.0
Woronora	71,790	-2.91	61,507	85.7	-2.14	64,047	89.2
Warragamba	2,027,000	-0.95	1,956,503	96.5	0.08	2,027,000	100.0
Prospect	33,330	-1.86	24,428	73.3	-1.32	26,768	80.3
Wingecarribee	24,130	-1.82	16,634	68.9	-0.65	21,362	88.5
Fitzroy Falls	9,950	-0.64	6,906	69.4	-0.57	7,234	72.7
Tallowa	7,500	0.04	7,500	100.0	0.22	7,500	100.0
Blue Mountains	2,890	-	2,506	86.7	-	2,742	94.9
TOTAL	2,581,850		2,466,593	95.5		2,560,555	99.2

Rainfall

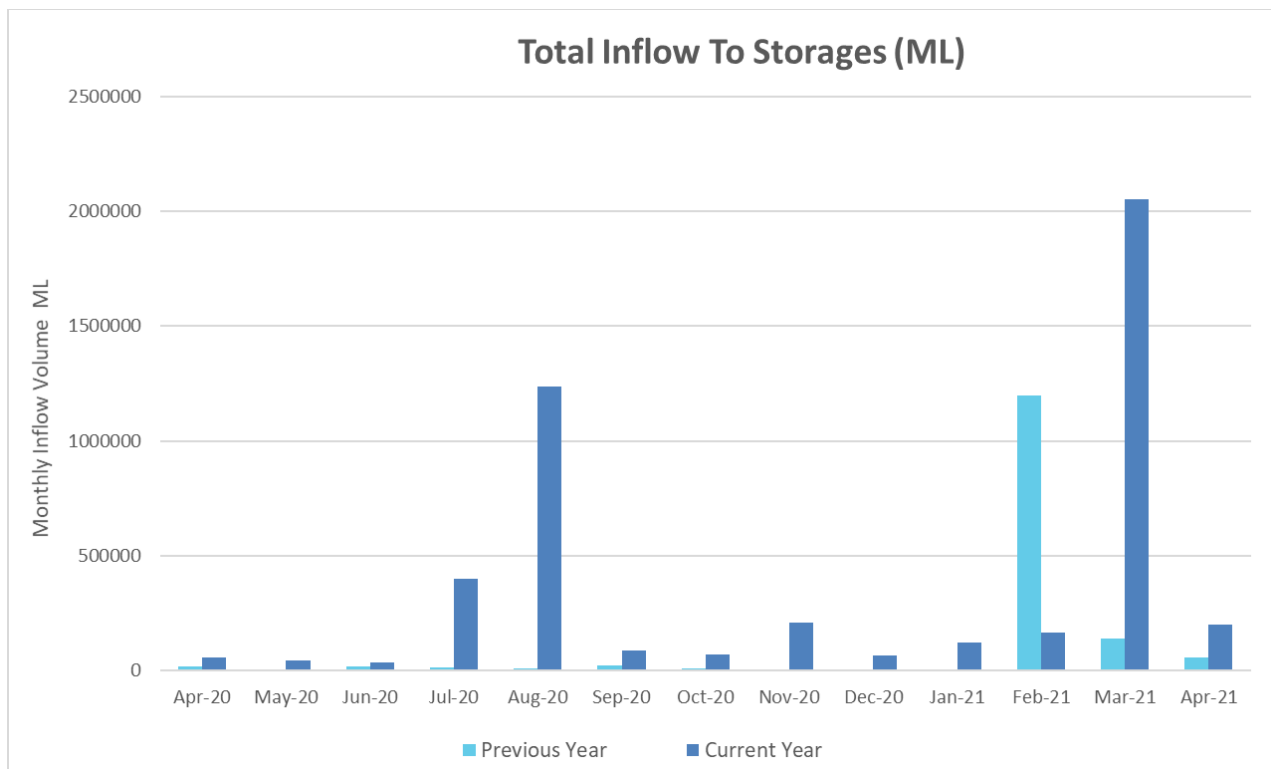
During April 2021, rainfall was well below the long-term median for the month of April.



Inflows

Greater Sydney storages received minor to moderate inflows during April 2021. After only 4 months into 2021, the inflow for Warragamba has surpassed its long-term average annual inflow.

Monthly Inflow (ML)	Warragamba	Upper Nepean	Woronora	Tallowa	TOTAL
	63,163	9,430	762	124,913	198,268

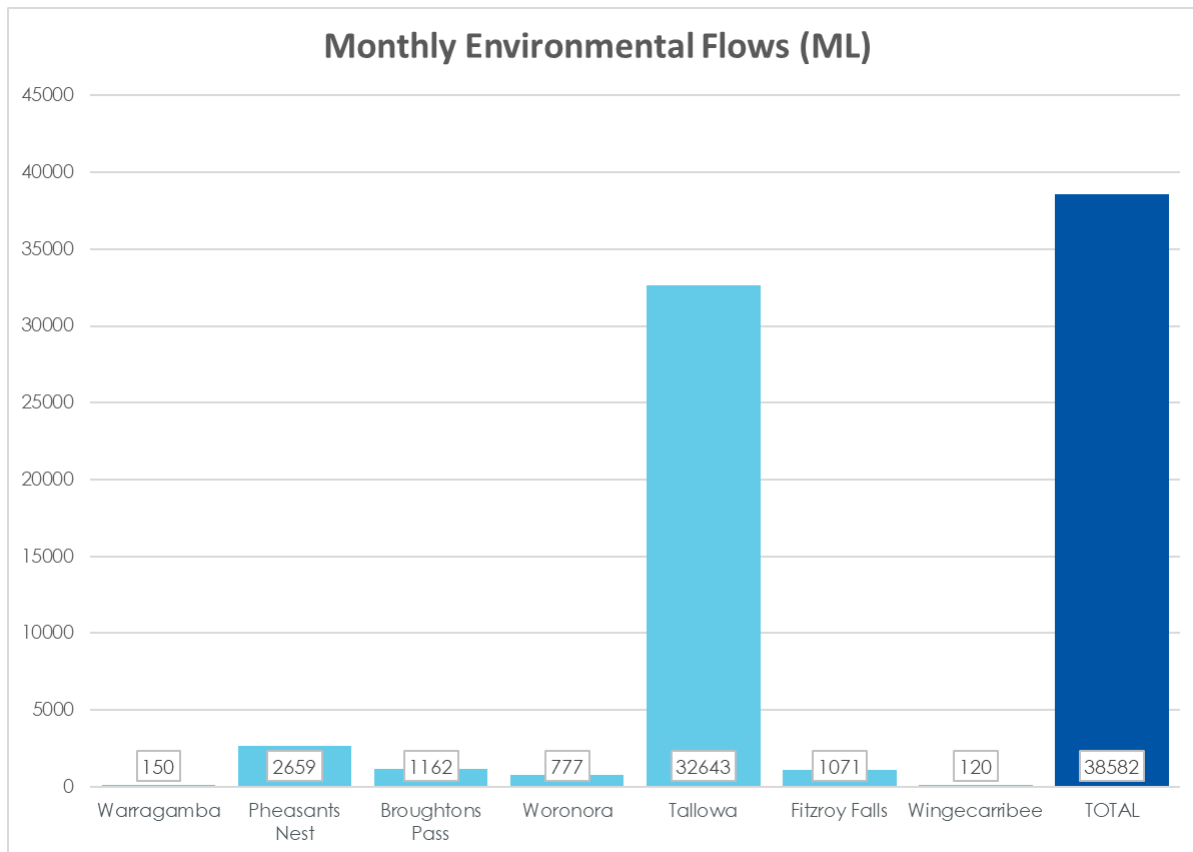


Calendar Year	Warragamba Inflow (ML)	Upper Nepean Inflow (ML)	Woronora Inflow (ML)	Tallowa Inflow (ML)	TOTAL
Average Annual	1,069,000	316,000	30,000	1,071,000	2,486,000
2018	103,234	32,199	2,433	136,559	274,425
2019	50,350	35,828	2,755	78,024	166,956
2020	1,745,619	276,838	34,570	1,487,432	3,544,459
2021 to 30 Apr	1,337,932	169,456	10,531	1,018,725	2,536,644

Note: The tables above do not include smaller inflows into storages such as Wingecarribee, Fitzroy Falls, Prospect or the Blue Mountains Dams.

Environmental releases

During April a total of 38,582 ML was released from Greater Sydney water sources for the environment.

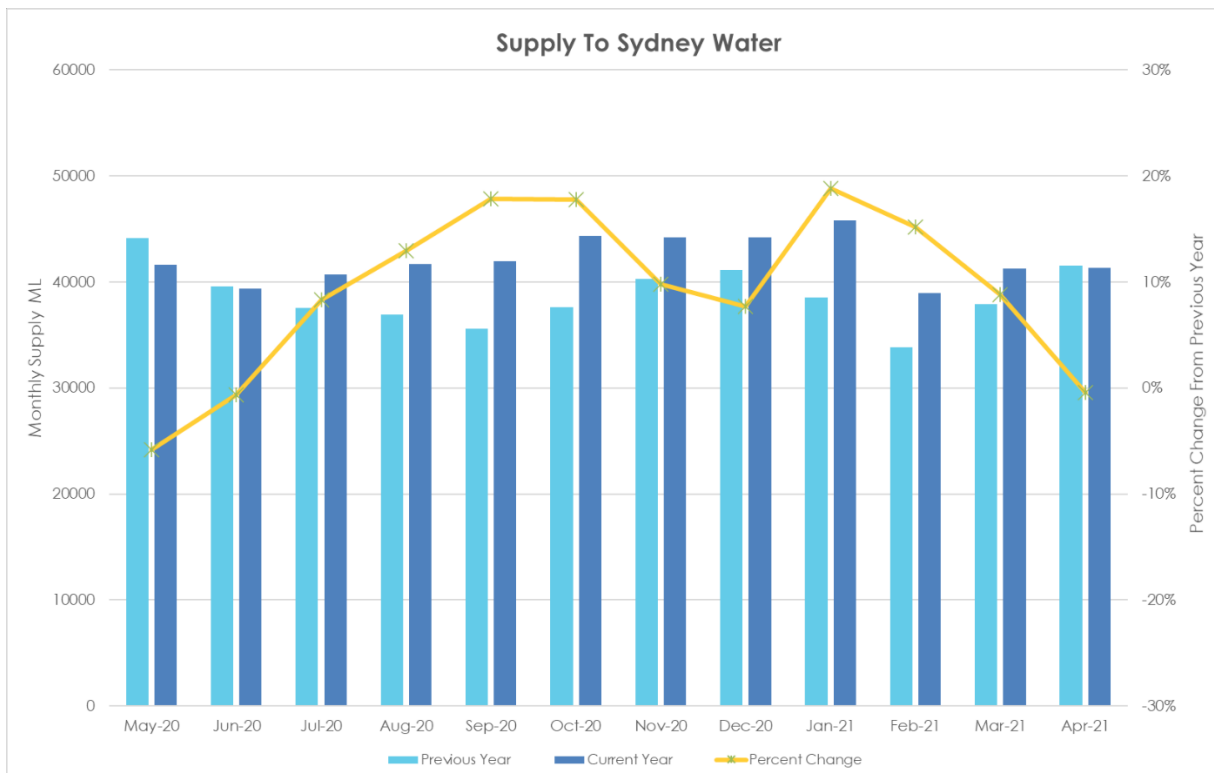


Water supplied to our customers

In the Greater Sydney area, WaterNSW supplies raw water to over 60 customers including Sydney Water Corporation, Wingecaribee Shire Council, Shoalhaven City Council, Goulburn Mulwaree Council and other minor customers.

Sydney Water supplies treated drinking water to the people of Sydney, Illawarra and the Blue Mountains and is our largest customer accounting for more than 99% of the total volume supplied from the Sydney system.

The volume supplied to Sydney Water this month was 41,325 ML with a daily average supply of 1,378 ML/D. This is same as this time last year.

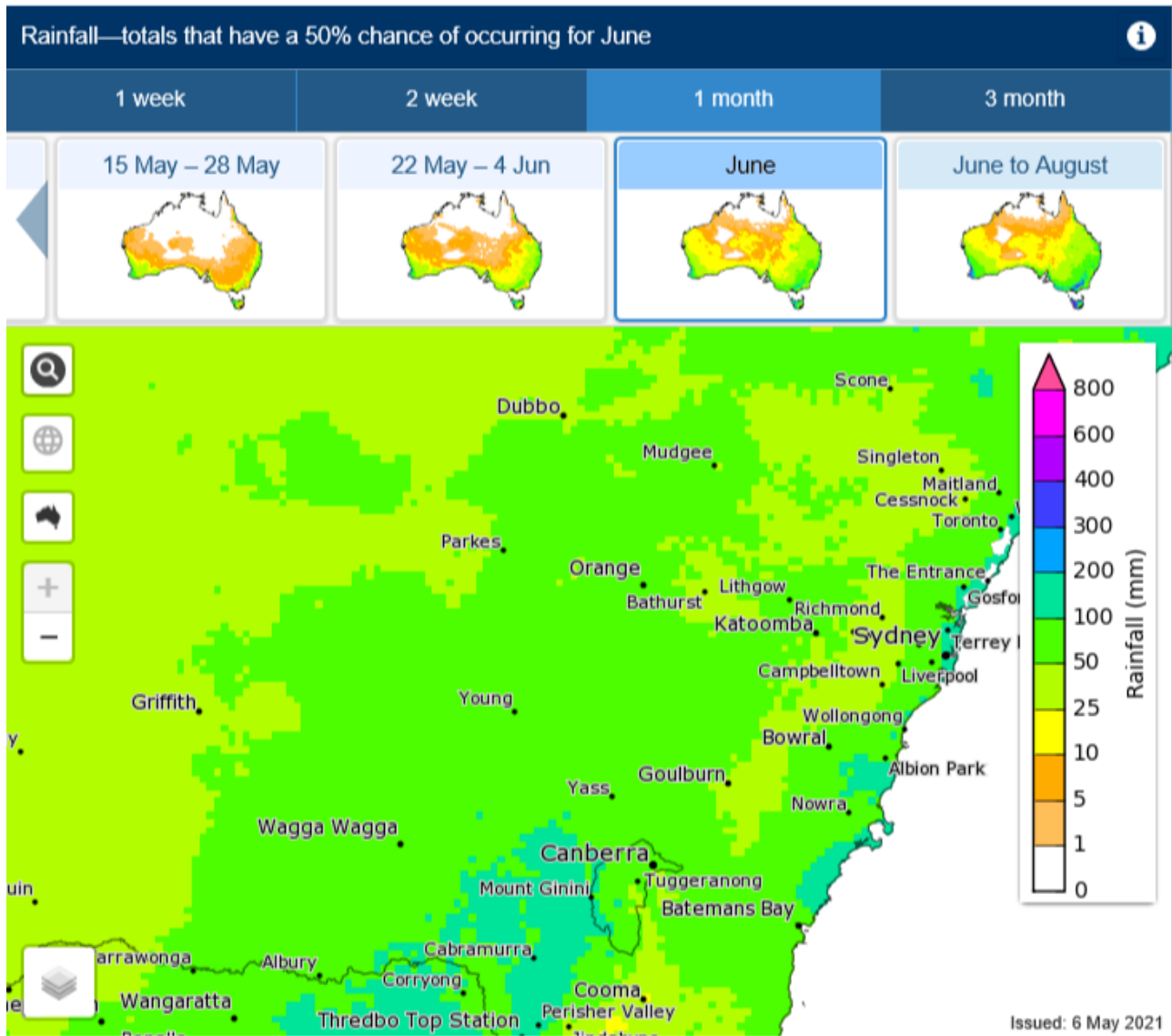


WaterNSW supplies raw, untreated water from our dams to the Sydney's water filtration plants below:

Filtration Plant	Monthly Supply (ML)	Average Daily Supply (ML)
Cascade	350	12
Illawarra	2598	87
Macarthur	2542	85
Nepean	446	15
North Richmond	528	18
Orchard Hills	1858	62
Prospect	30631	1021
Warragamba	102	3
Woronora	2270	76
TOTAL	41325	1378

Forecast

According to the Bureau of Meteorology, the remainder of May and June is likely to be neither wetter nor drier than usual for Sydney's catchment areas. BOM forecast rainfall amounts are shown below:



For more information on weather in NSW please visit the BoM <http://www.bom.gov.au/nsw/>

More Information

WaterNSW is a state-owned corporation established under the *Water NSW Act 2014* and operates under an Operating License issued and monitored by the Independent Pricing and Regulatory Tribunal (IPART).

WaterNSW operate the state's rivers and water supply systems in accordance with the rules set out by regulators. With more than 40 dams across the state, we supply two-thirds of water used in NSW to regional towns, irrigators, Sydney Water Corporation and local water utilities. We also own and operate the largest surface and groundwater monitoring network in the southern hemisphere and build, maintain and operate essential infrastructure.

The Greater Sydney system includes 15 major dams that are interconnected by a complex system of rivers, weirs, canals and pipelines. WaterNSW manages this system in the most efficient way to provide the best quality raw water to our customers, whilst also ensuring long-term security of supply is maintained for the future.

Warragamba Dam is the largest dam in the system and provides around 80% of Sydney's water supply. When the total system storage falls below 75%, WaterNSW can transfer water from the Shoalhaven system into the Upper Nepean Dams or Warragamba Dam.

The total system storage for Greater Sydney (all our Dams combined):
2,581,850 ML (approximately 2 600 GL)

1 Kilotitre (KL) = 1000 litres

1 Megalitre (ML) = 1000 Kilotitres

1 Gigalitre (GL) = 1000 Megalitres

For more information, or to view our daily and weekly Greater Sydney catchment updates, please visit our website at <https://www.waternsw.com.au/greatersydney>