

Greater Sydney Operations Report

June 2021

Contents

Key messages	3
Storage Levels	4
Rainfall.....	5
Inflows	6
Environmental releases	7
Water supplied to our customers	7
Forecast	9
More Information.....	10

Key messages

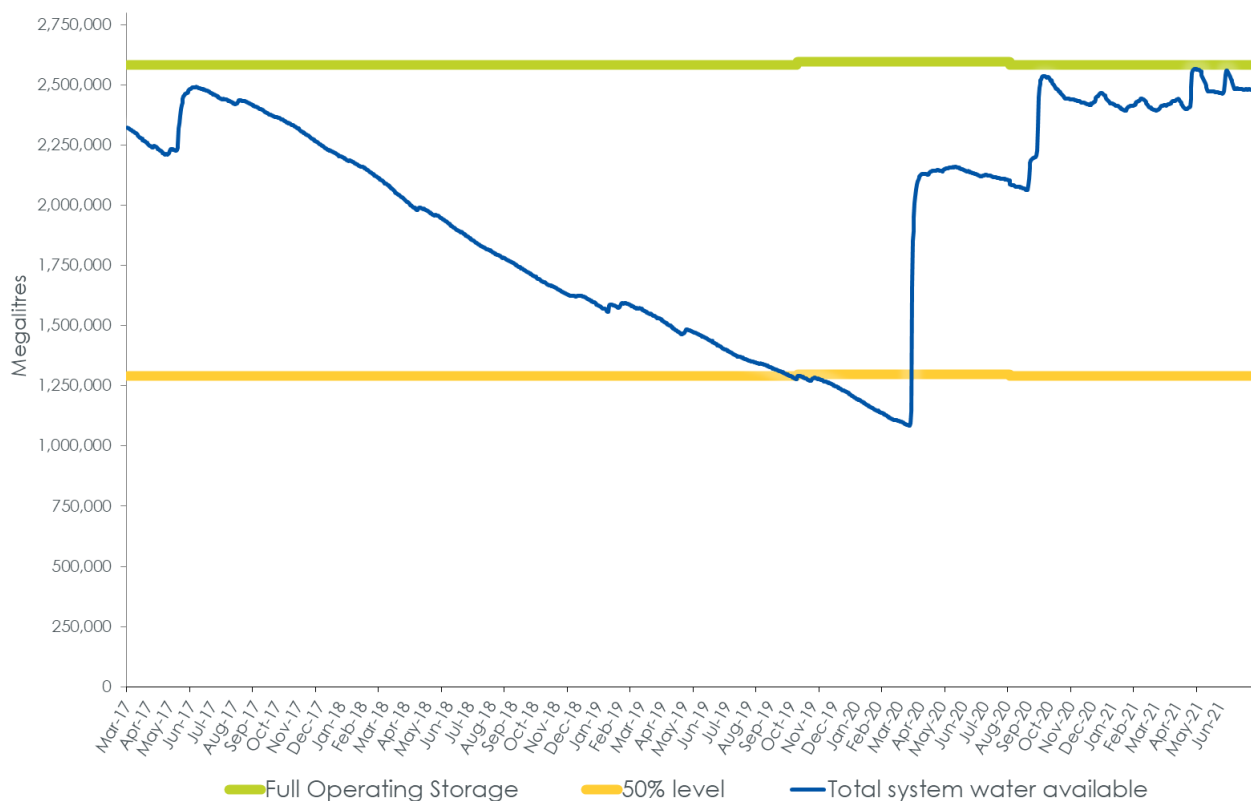
- As at 30 June 2021 the total available water held in Greater Sydney storages was **96.3%**, an increase of 0.2 % from the previous month.
- The Greater Sydney catchments experienced below average rainfall for the month of June.
- Approximately 221GL of water flowed into our dams this month compared to 36GL for the same time last year. Due to heavy rainfall, our total inflow this calendar year has reached 3,414GL, which is already 137% 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 Wednesday 30 June 2021 the total available water held in Greater Sydney storages was **96.3%**, an increase of 0.2% from the previous month. For more information on Greater Sydney Dam levels please visit www.watersw.com.au/sydneydamlevels

Available storage 96.3% on 30 June 2021

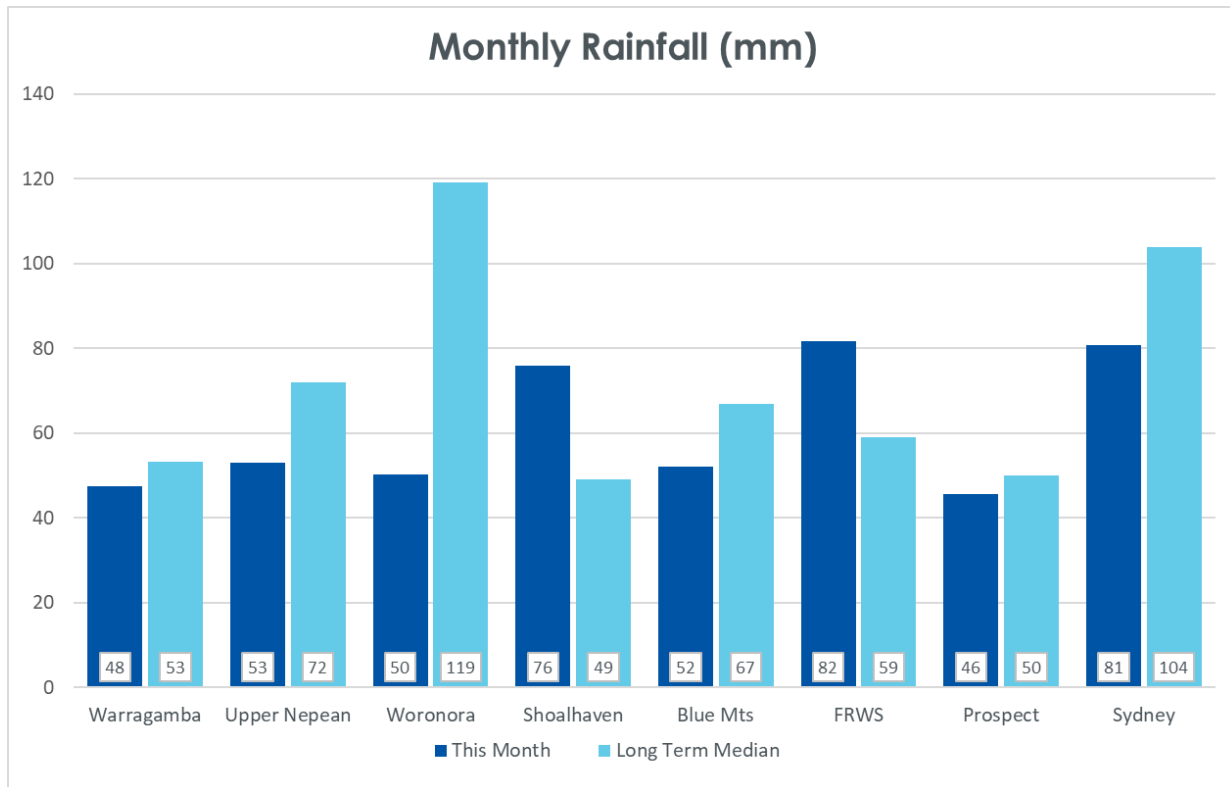


Storage	Capacity (ML)	Wednesday 30 June 2021			Monday 31 May 2021		
		Level (m)	Available (ML)	Available (%)	Level (m)	Available (ML)	Available (%)
Cataract	97,190	-2.38	78,705	81.0	-1.46	85,619	88.1
Cordeaux	93,640	-0.14	92,628	98.9	-0.01	93,640	100.0
Avon	146,700	-0.58	140,685	95.9	-0.16	144,991	98.8
Nepean	67,730	-1.24	63,836	94.3	-0.25	67,002	98.9
Woronora	71,790	-3.32	60,140	83.8	-2.95	61,406	85.5
Warragamba	2,027,000	-0.67	1,977,345	97.6	-0.94	1,957,241	96.6
Prospect	33,330	-0.19	32,308	96.9	-0.63	30,059	90.2
Wingecarribee	24,130	-0.74	20,936	86.8	-0.71	21,106	87.5
Fitzroy Falls	9,950	-0.03	9,806	98.6	0.05	9,950	100.0
Tallowa	7,500	0.12	7,500	100.0	0.08	7,500	100.0
Blue Mountains	2,890	-	2,435	84.3	-	2,575	89.1
TOTAL	2,581,850		2,486,324	96.3		2,481,089	96.1

Note: The weekly percentage change is based on the total variation in volume measured in megalitres. Percentages are rounded to the nearest 0.1 percent.

Rainfall

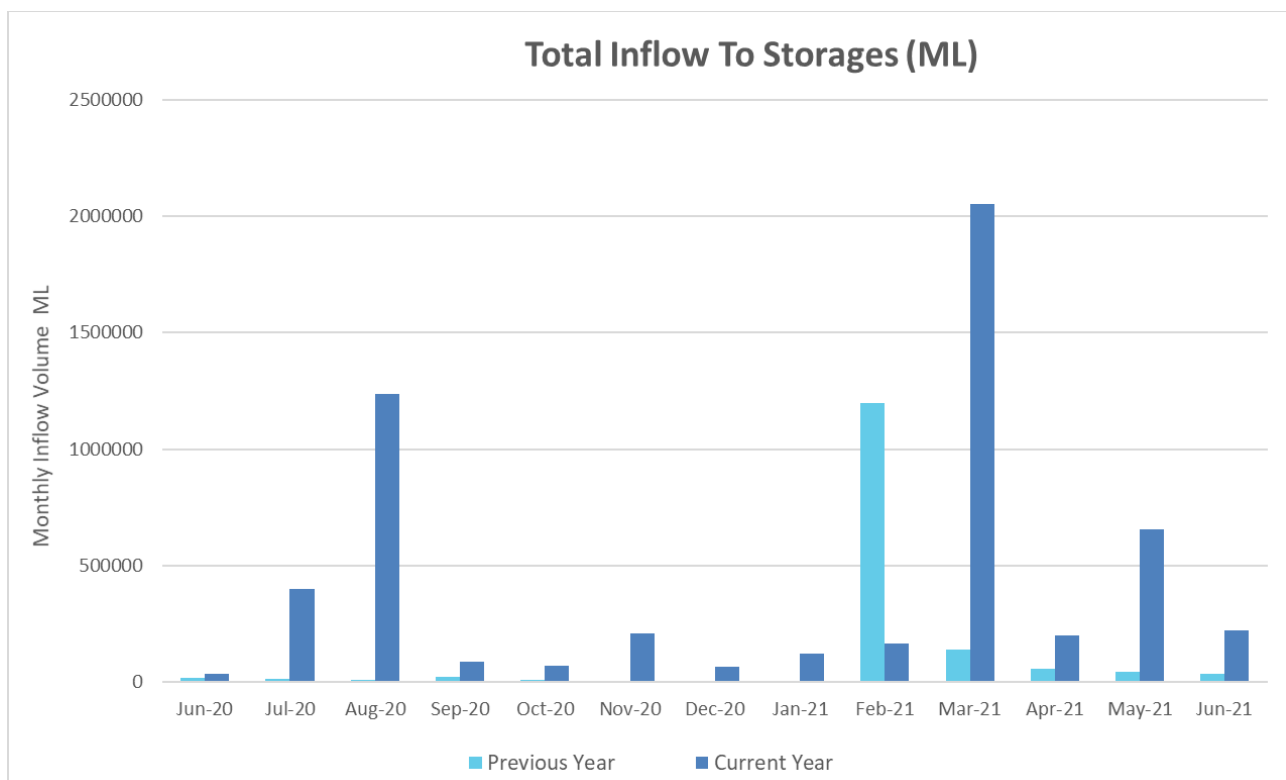
During June 2021, rainfall was below the long-term median for the month of June.



Inflows

Sydney storages received minor inflows during June 2021. After only 6 months into 2021, the inflow for Warragamba has surpassed its long-term average annual inflow.

Monthly Inflow (ML)	Warragamba	Upper Nepean	Woronora	Tallowa	TOTAL
	52,513	6,763	498	160,968	220,742

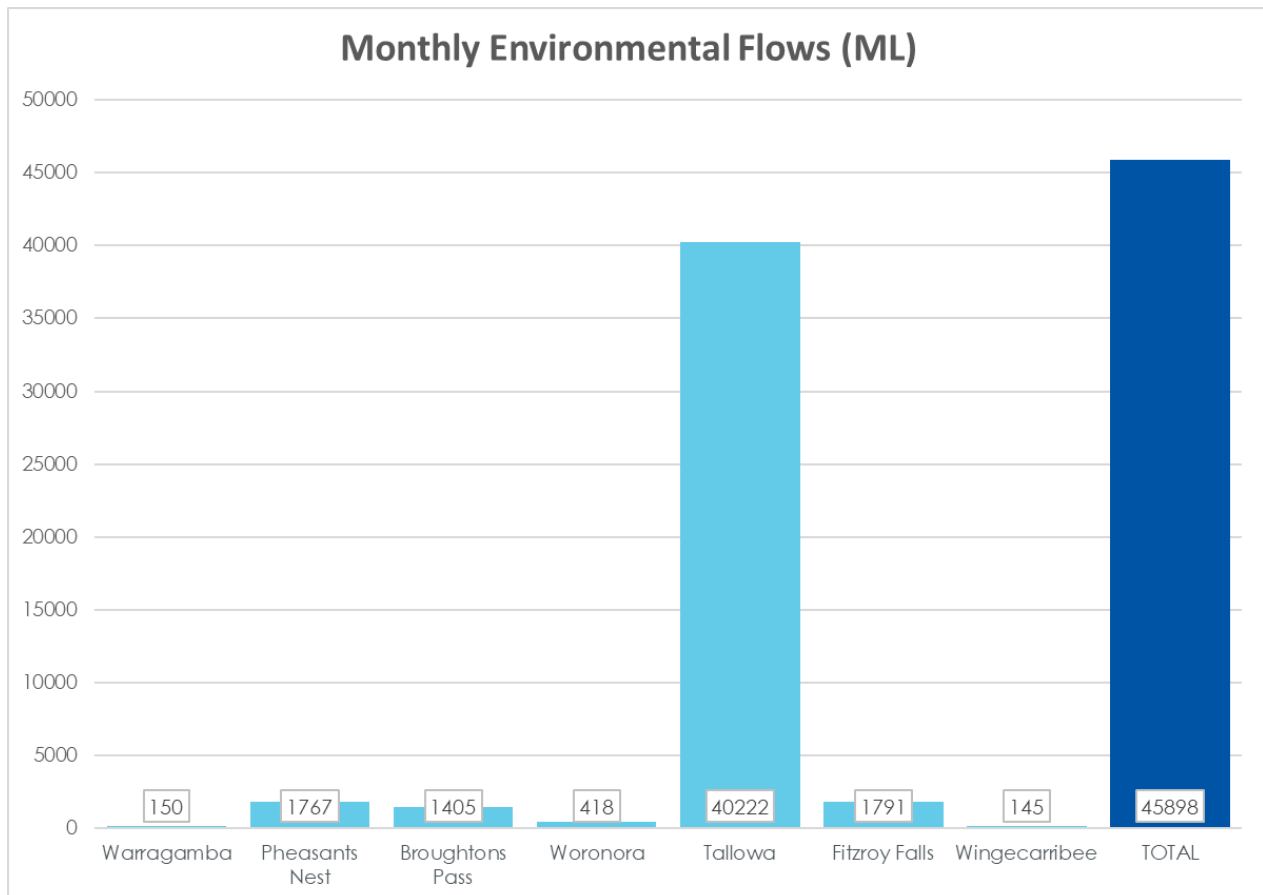


Calendar Year	Warragamba Inflow (ML)	Upper Nepean Inflow (ML)	Woronora Inflow (ML)	Tallowa Inflow (ML)	TOTAL
Average Annual	1,069,000	316,000	30,000	1,071,000	2,486,000
2018	103,234	32,199	2,433	136,559	274,425
2019	50,350	35,828	2,755	78,024	166,956
2020	1,745,619	276,838	34,570	1,487,432	3,544,459
2021 to 30 Jun	1,560,072	236,223	14,657	1,603,611	3,414,562

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

Environmental releases

During June a total of 45,898ML was released from Sydney water sources for the environment.

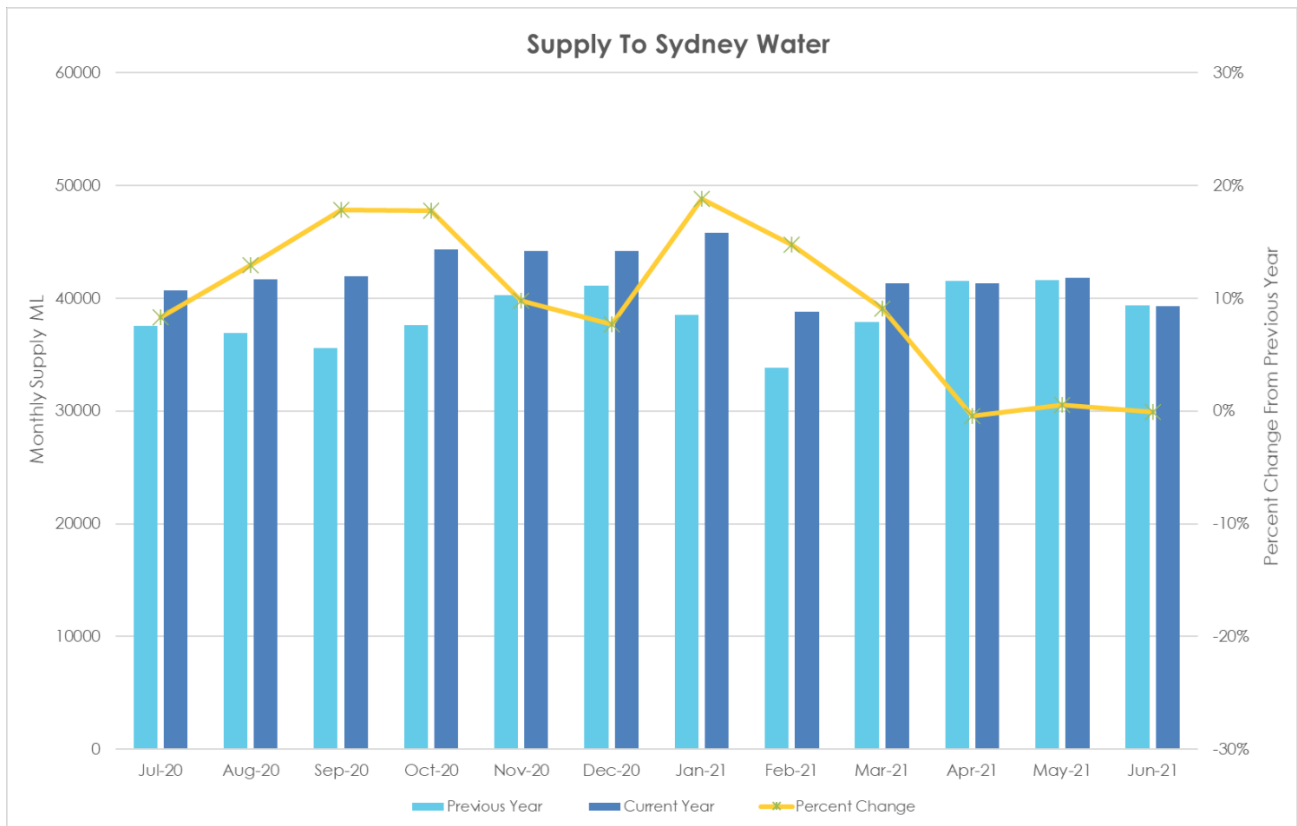


Water supplied to our customers

In the Greater Sydney area, WaterNSW supplies raw water to over 60 customers including Sydney Water Corporation, Wingecarribee 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 39,290ML with a daily average supply of 1,310ML/D, same as this time last year.

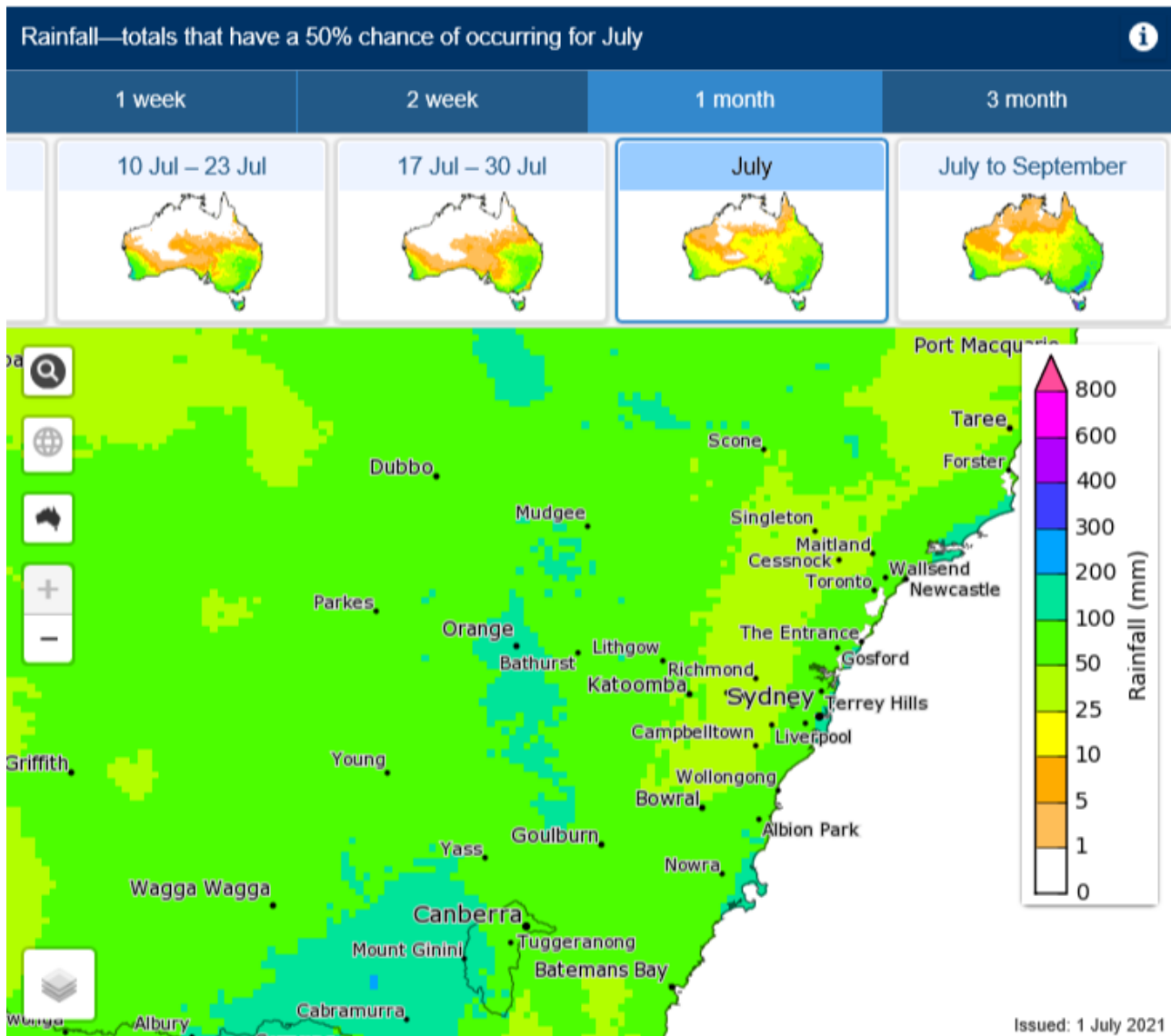


WaterNSW supplies raw, untreated water from our dams to the water filtration plants below:

Filtration Plant	Monthly Supply (ML)	Average Daily Supply (ML)
Cascade	405	14
Illawarra	2409	80
Macarthur	2366	79
Nepean	343	11
North Richmond	478	16
Orchard Hills	1714	57
Prospect	30387	1013
Warragamba	86	3
Woronora	1102	37
TOTAL	39290	1310

Forecast

According to the Bureau of Meteorology, the month of July is likely to be wetter than average 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 Kilolitre (KL) = 1000 litres

1 Megalitre (ML) = 1000 Kilolitres

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>