

Greater Sydney Operations Report

February 2021

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Key messages

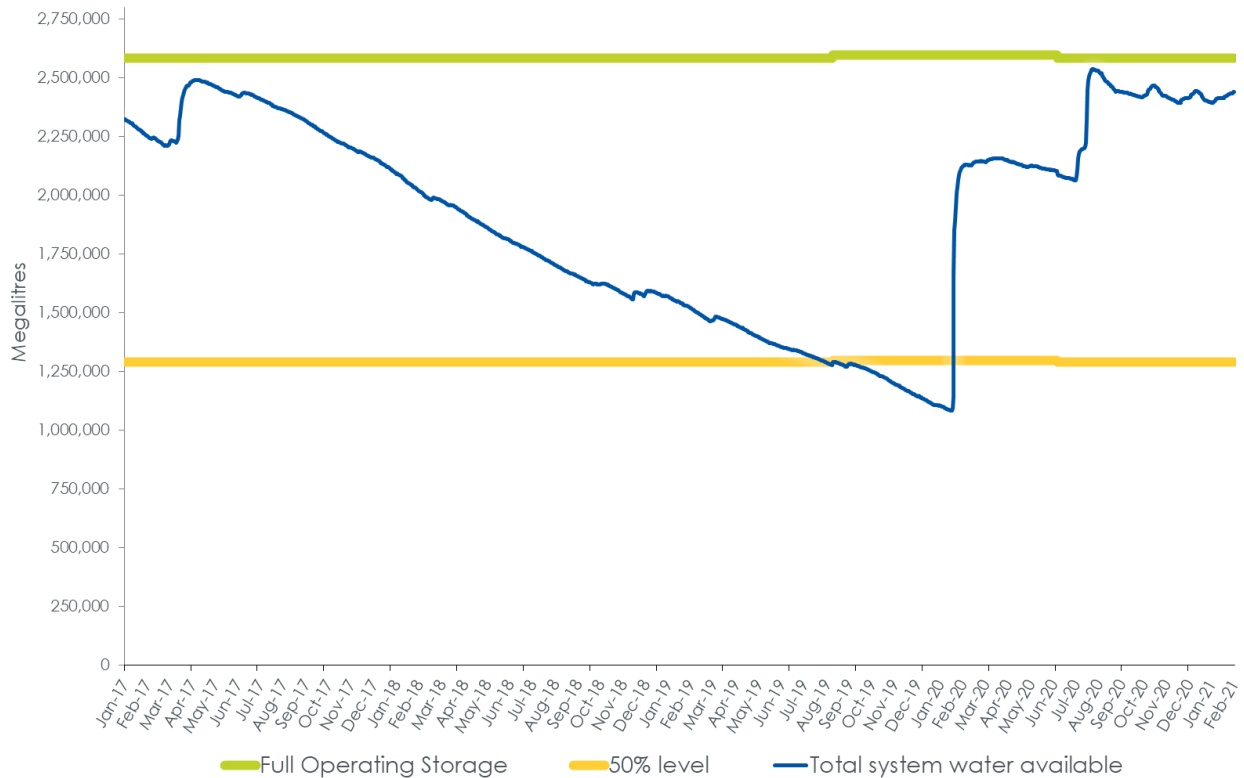
- As at 28 February 2021 the total available water held in Greater Sydney storages was **94.5%**, an increase of 1.7 % from last month.
- All the Greater Sydney catchments experienced above average rainfall for the month of February.
- Our total inflow this month was 166GL, bringing our total inflow for this calendar year to 286GL. This amount is 12% 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 November 2021 at the earliest.



Storage Levels

As at Sunday 28 February 2021 the total available water held in Greater Sydney storages was **94.5%**, an increase of 1.7% from last month. For more information on Greater Sydney Dam levels please visit www.watersw.com.au/sydneydamlevels

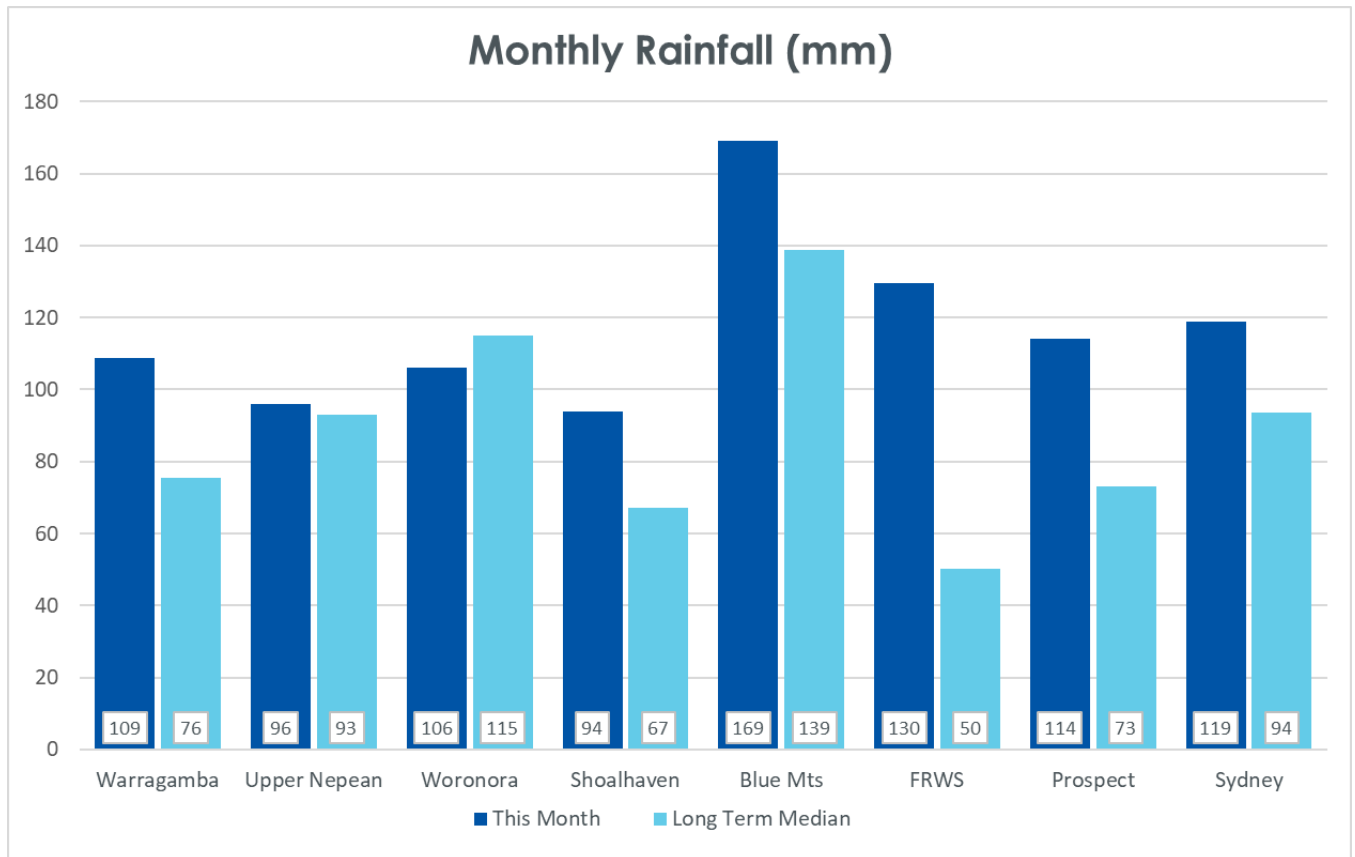
Available storage 94.5% on 28 February 2021



Storage	Capacity (ML)	Sunday 28 February 2021			Sunday 31 January 2021		
		Level (m)	Available (ML)	Available (%)	Level (m)	Available (ML)	Available (%)
Cataract	97,190	-2.26	79,443	81.7	-2.40	78,410	80.7
Cordeaux	93,640	-1.94	79,439	84.8	-2.10	78,204	83.5
Avon	146,700	-2.42	122,113	83.2	-2.65	119,771	81.6
Nepean	67,730	-3.50	57,245	84.5	-3.96	55,903	82.5
Woronora	71,790	-6.08	51,674	72.0	-5.88	52,259	72.8
Warragamba	2,027,000	-0.58	1,984,006	97.9	-1.13	1,943,221	95.9
Prospect	33,330	-0.83	29,059	87.2	-0.41	31,175	93.5
Wingecarribee	24,130	-0.96	20,009	82.9	-0.95	20,051	83.1
Fitzroy Falls	9,950	-0.47	7,706	77.4	-0.40	8,131	81.7
Tallowa	7,500	0.06	7,500	100.0	0.14	7,500	100.0
Blue Mountains	2,890	-	2,500	86.5	-	2,258	78.1
TOTAL	2,581,850		2,440,694	94.5		2,396,883	92.8

Rainfall

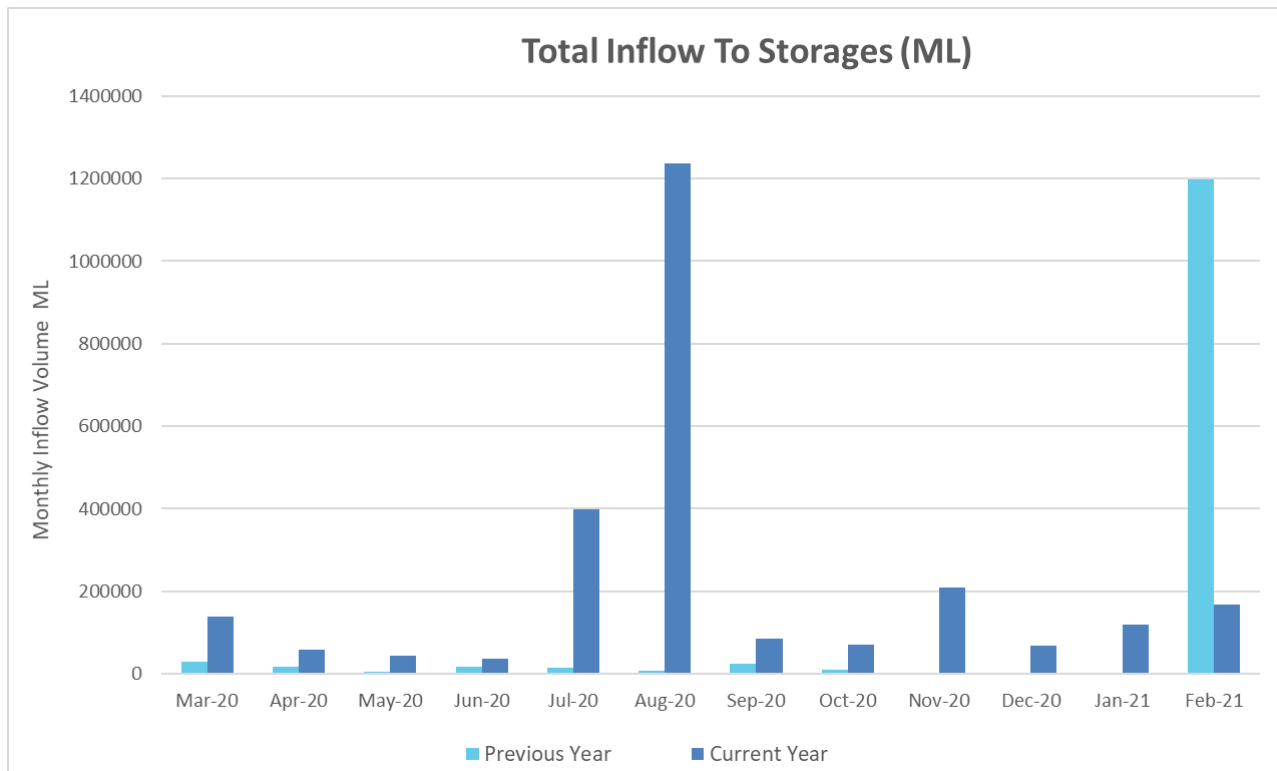
During February 2021, rainfall was above the long term median for the month of February.



Inflows

Sydney storages received moderate inflows during February 2021.

Monthly Inflow (ML)	Warragamba	Upper Nepean	Woronora	Tallowa	TOTAL
	62,851	26,278	445	77,058	166,632

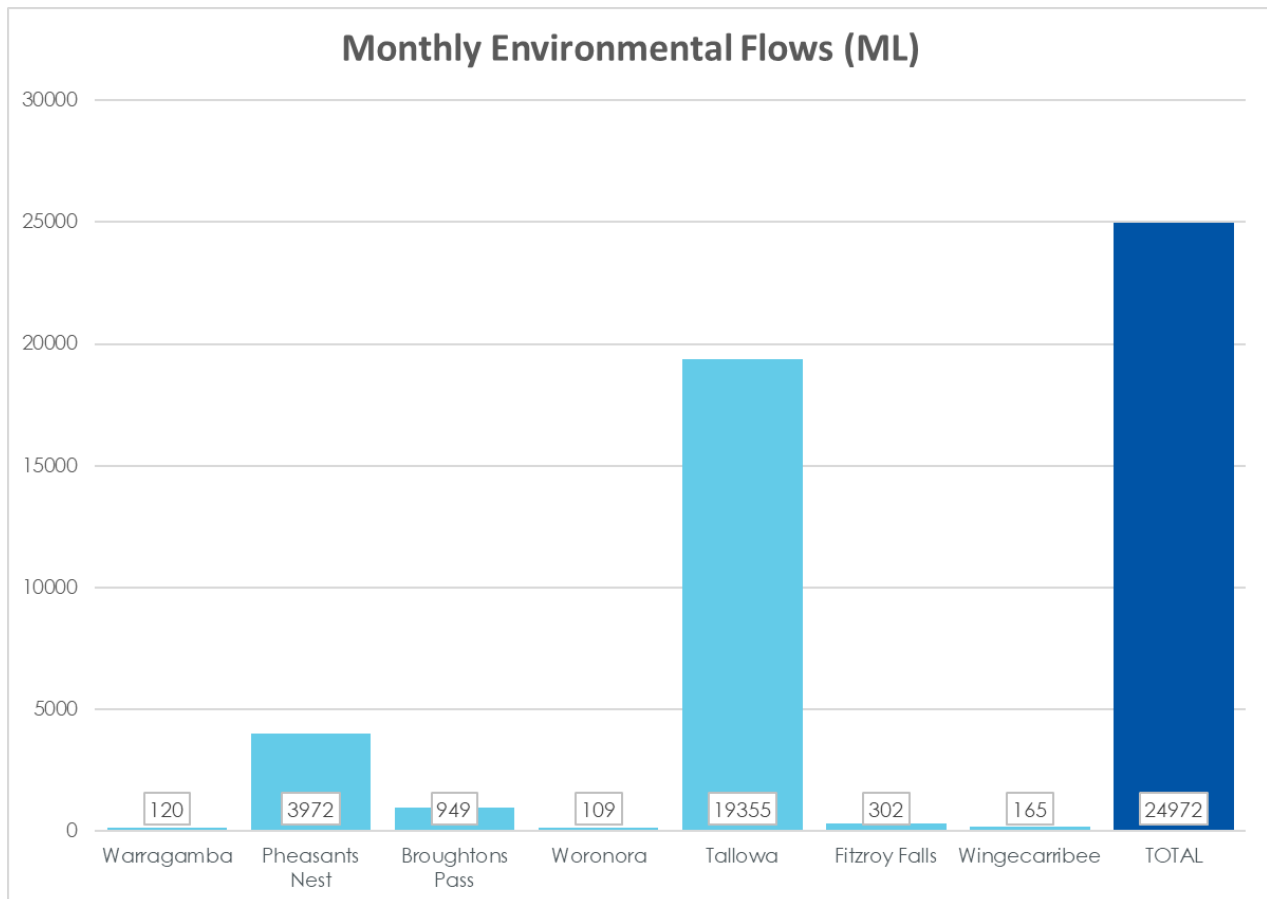


Calendar Year	Warragamba Inflow (ML)	Upper Nepean Inflow (ML)	Woronora Inflow (ML)	Tallowa Inflow (ML)	TOTAL
Average Annual	1,069,000	316,000	30,000	1,071,000	2,486,000
2018	103,234	32,199	2,433	136,559	274,425
2019	50,350	35,828	2,755	78,024	166,956
2020	1,745,619	276,838	34,570	1,487,432	3,544,459
2021 to 28 Feb	132,408	37,958	678	115,861	286,905

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 February a total of 24,972 ML was released from Sydney water sources for the environment.

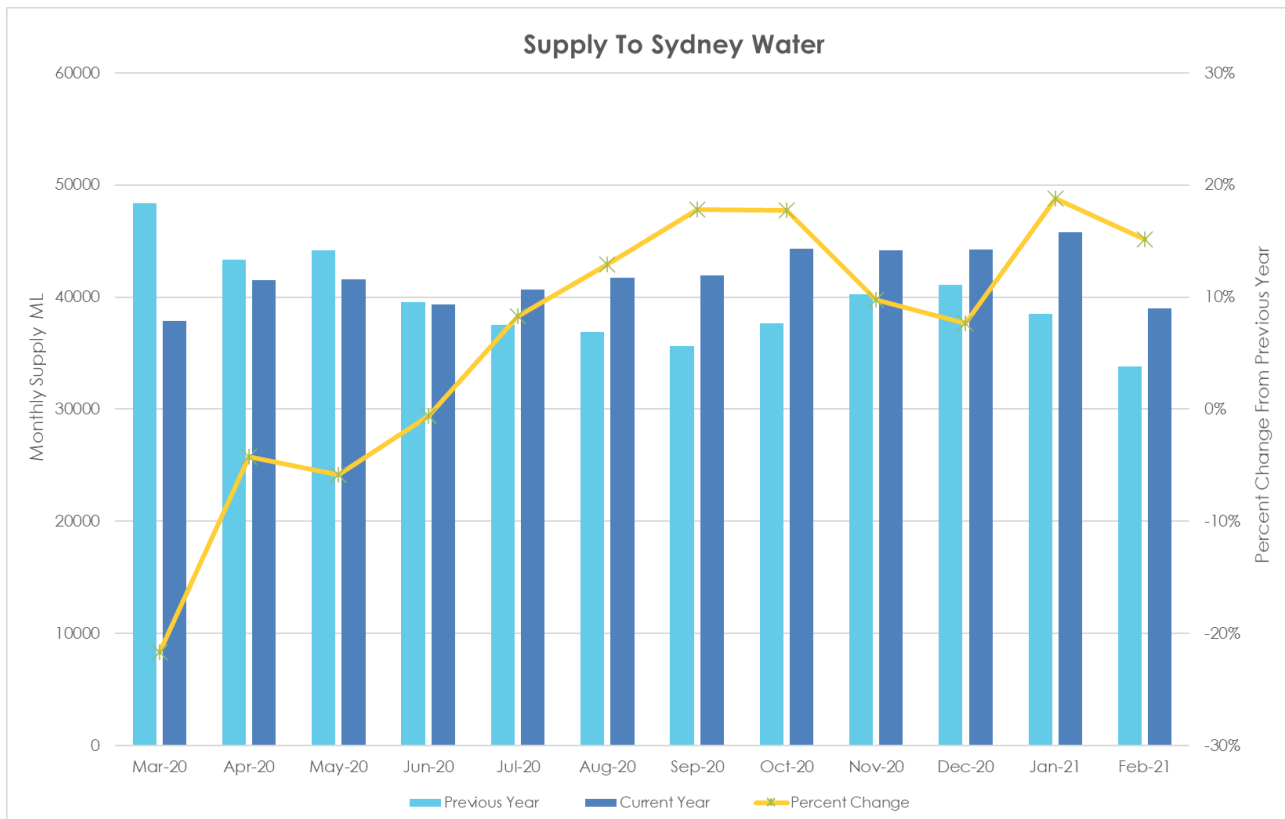


Water supplied to our customers

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 38,977 ML with a daily average supply of 1,392 ML/D. This is an 15% increase from the same time last year.

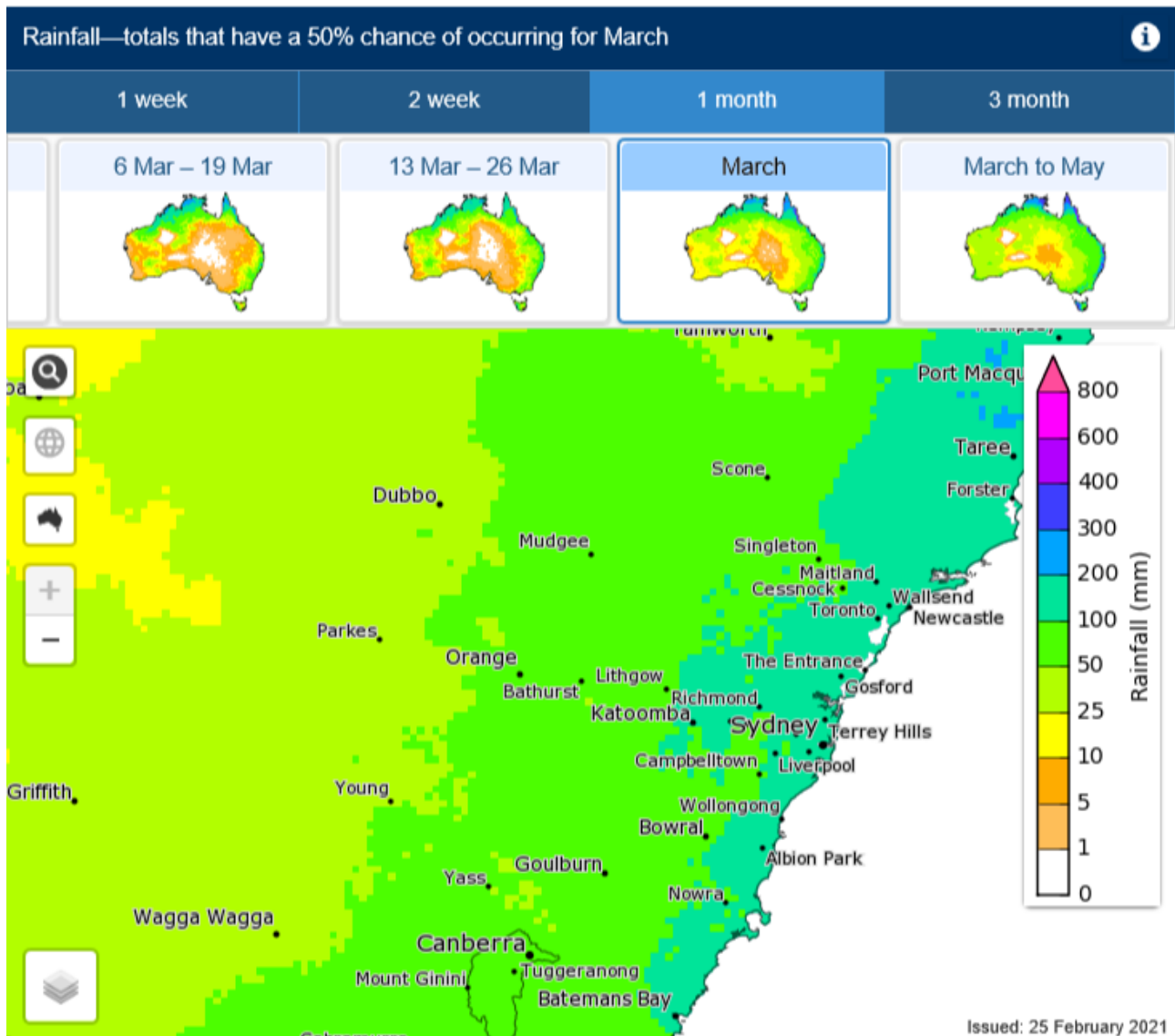


WaterNSW supplies raw, untreated water from our dams to the water filtration plants below:

Filtration Plant	Monthly Supply (ML)	Average Daily Supply (ML)
Cascade	214	8
Illawarra	2280	81
Macarthur	2342	84
Nepean	457	16
North Richmond	473	17
Orchard Hills	1782	64
Prospect	30312	1083
Warragamba	86	3
Woronora	1031	37
TOTAL	38977	1392

Forecast

According to the Bureau of Meteorology, the remainder of March 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 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>