

Greater Sydney Operations Report

June 2020

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

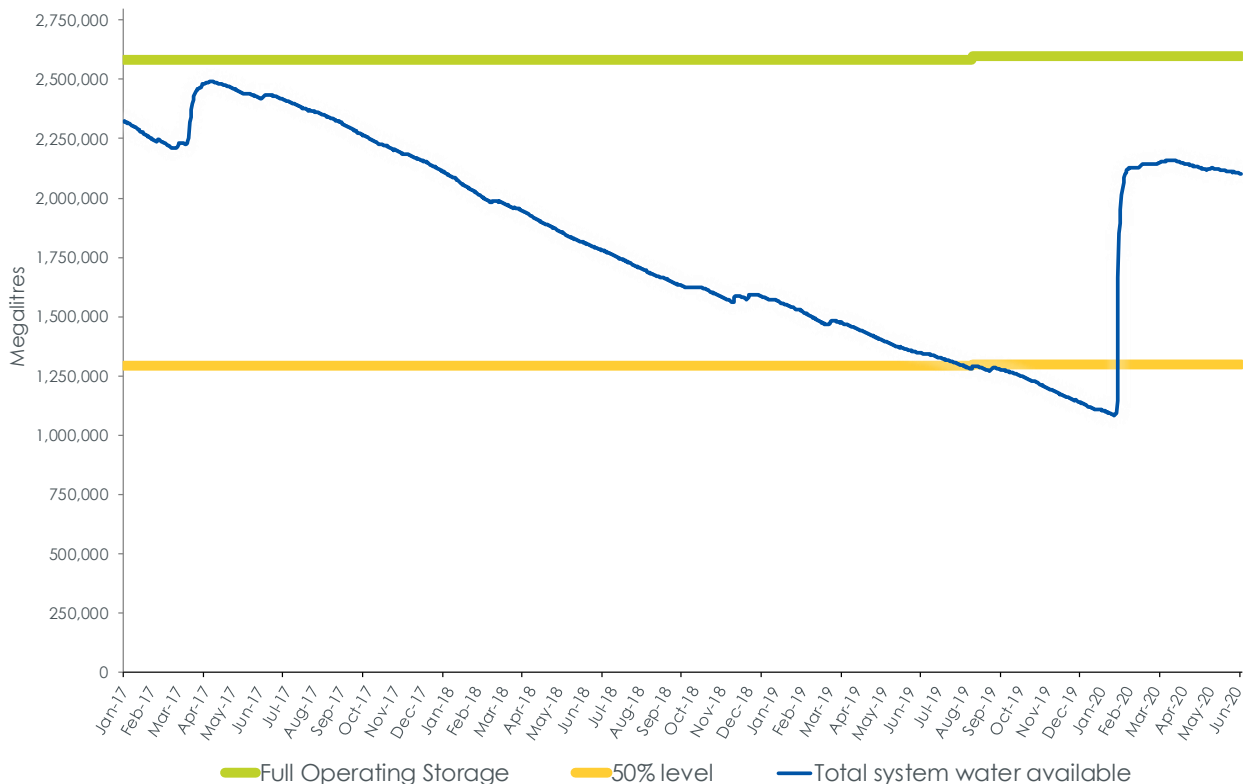
- As at Tuesday 30 June 2020 the total available water held in Greater Sydney storages was **81.0%**, a decrease of 0.8% from last month.
- The month of June experienced below average rainfall in all catchments.
- Almost 36 GL of water flowed into our dams across Greater Sydney, compared to 17 GL for the same time last year. Due to the heavy rainfall that fell in February, our total inflows this calendar year have reached 1,480 GL – 60 percent of our annual long term average.
- With our storages exceeding 75%, there were no transfers from the Shoalhaven System and water restrictions across Greater Sydney remain at Level 1.
- As total system storage declines with normal supply, it is expected we will reach 75% (the trigger to re-commence Shoalhaven Transfers) in October 2020 at the earliest.
- WaterNSW continues to work closely with Sydney Water and other stakeholders to manage water quality risks associated with the heavy rainfall in February.



Storage Levels

As at Tuesday 30 June 2020 the total available water held in Greater Sydney storages was **81.0%**, a decrease of 0.8% since the end of last month. For more information on Greater Sydney Dam levels please visit www.watersw.com.au/sydneydamlevels

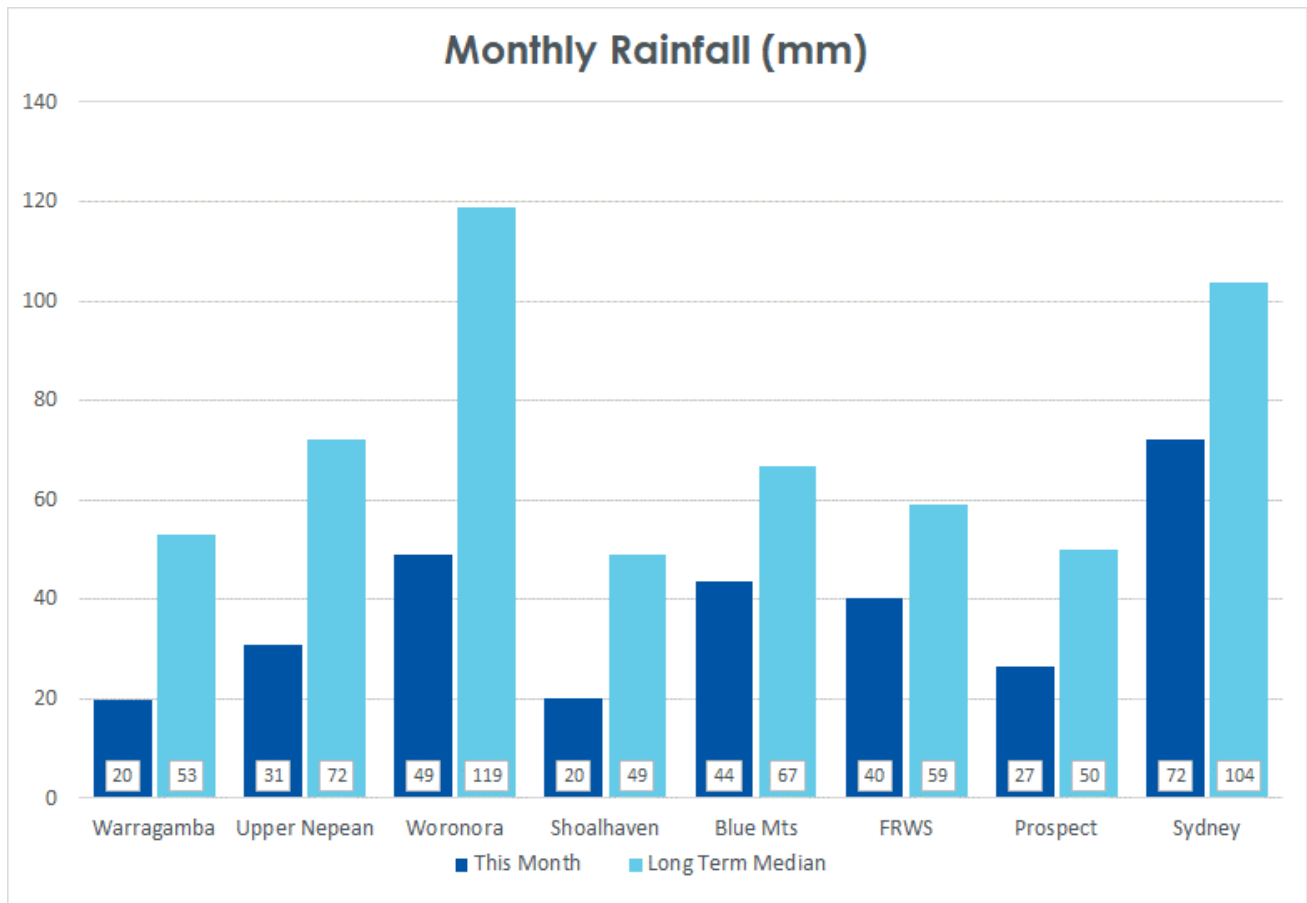
Available storage 81.0% on 30 June 2020



Storage	Capacity (ML)	Tuesday 30 June 2020			Sunday 31 May 2020		
		Level (m)	Available (ML)	Available (%)	Level (m)	Available (ML)	Available (%)
Cataract	97,190	-3.66	69,485	71.5	-3.74	68,864	70.9
Cordeaux	93,640	-3.50	69,206	73.9	-3.13	71,475	76.3
Avon	146,700	-2.22	124,081	84.6	-1.96	126,657	86.3
Nepean	67,730	-8.38	44,488	65.7	-7.39	46,949	69.3
Woronora	71,790	-8.50	45,014	62.7	-8.34	45,429	63.3
Warragamba	2,027,000	-4.98	1,669,234	82.3	-4.80	1,681,481	83.0
Prospect	33,330	-0.79	29,258	87.8	-0.53	30,564	91.7
Wingecarribee	24,130	-1.01	19,717	81.7	-1.10	19,593	81.2
Fitzroy Falls	9,950	-0.36	8,178	82.2	-0.35	8,320	83.6
Tallowa	21,800	0.01	21,800	100.0	-0.04	21,450	98.4
Blue Mountains	2,890	-	2,381	82.4	-	2,510	86.9
TOTAL	2,596,150		2,102,842	81.0		2,123,292	81.8

Rainfall

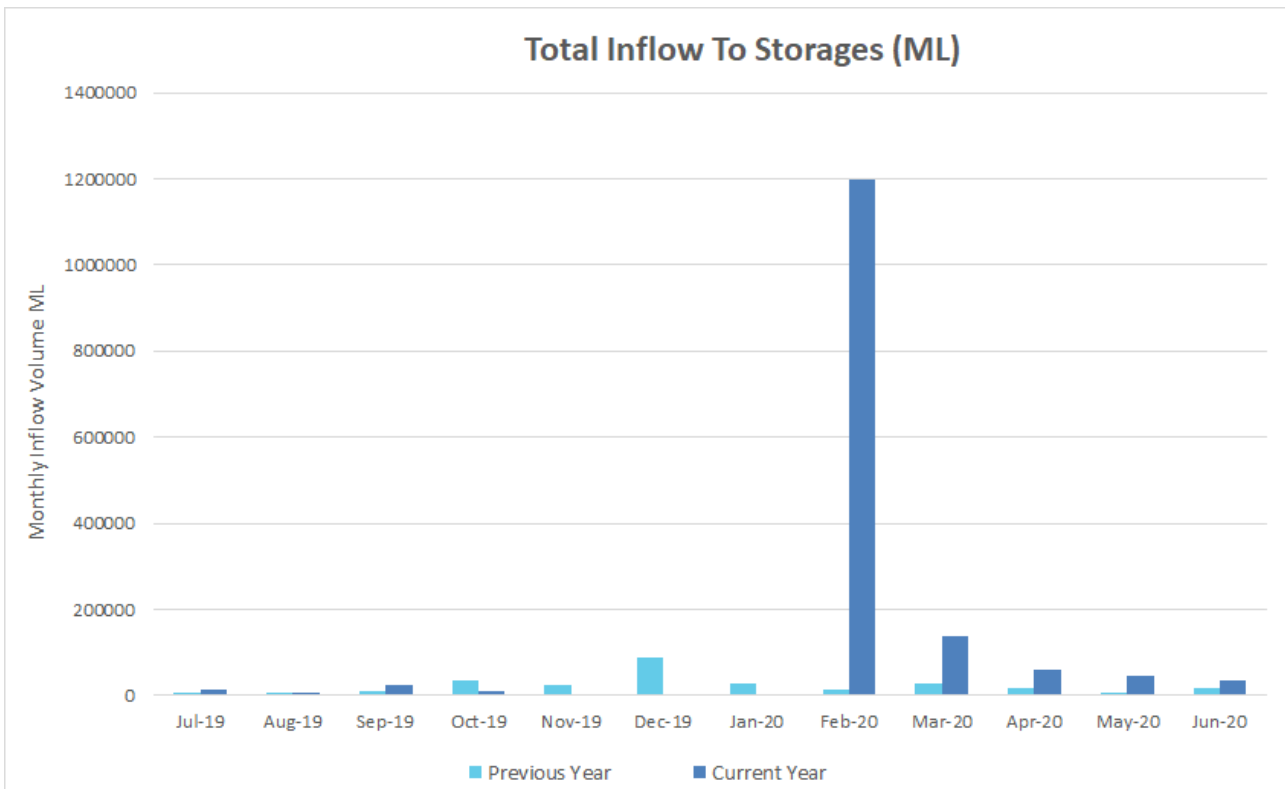
During June, below average rainfall was received in all water supply catchments.



Inflows

After extremely high inflows in February, minor flows to Sydney storages were recorded during June.

Monthly Inflow (ML)	Warragamba	Upper Nepean	Woronora	Tallowa	TOTAL
	20,557	3,312	676	11,336	35,881

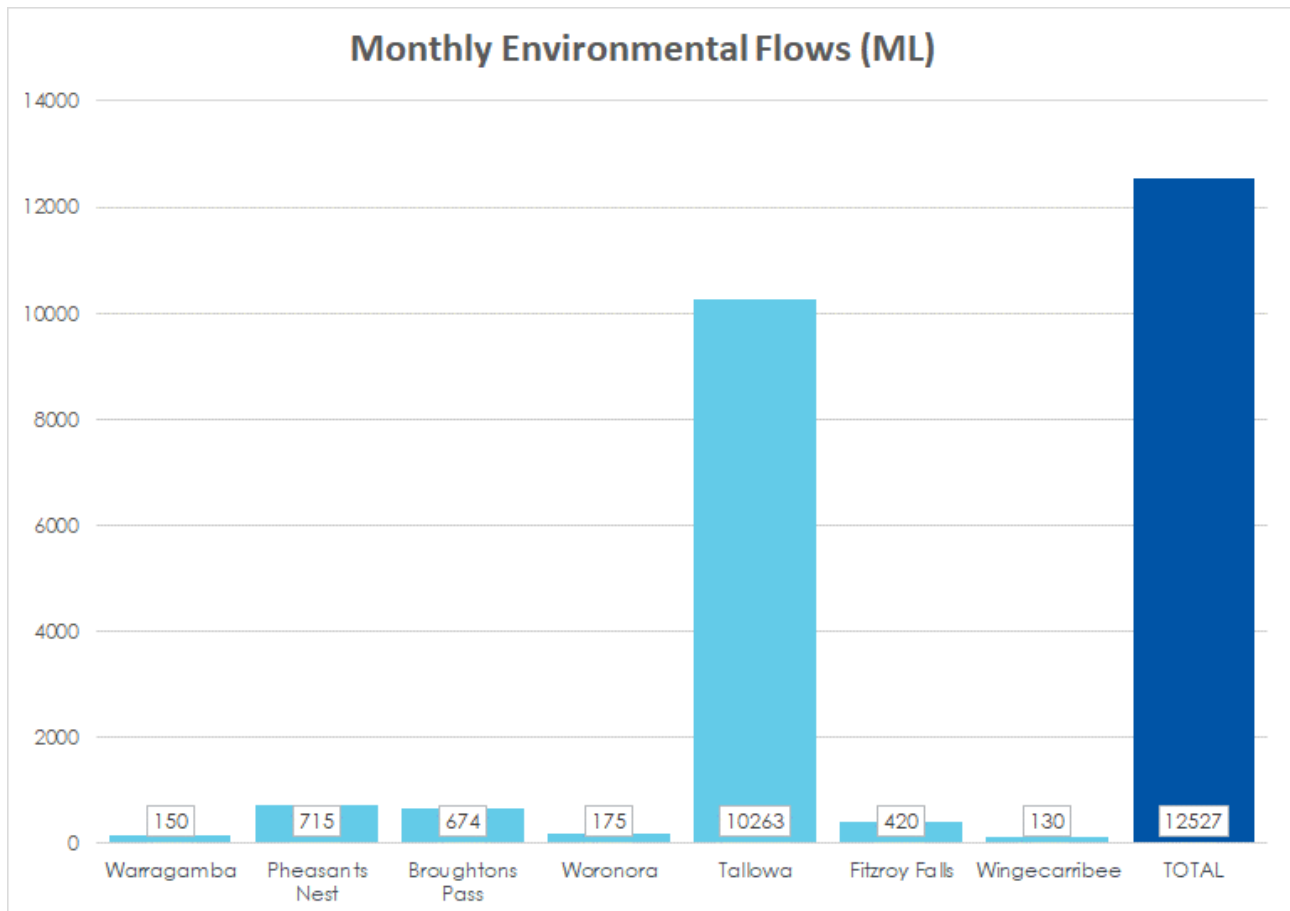


Calendar Year	Warragamba Inflow (ML)	Upper Nepean Inflow (ML)	Woronora Inflow (ML)	Tallowa Inflow (ML)	TOTAL
Average Annual	1,069,000	316,000	30,000	1,071,000	2,486,000
2018	103,234	32,199	2,433	136,559	274,425
2019	50,350	35,828	2,755	78,024	166,956
2020 to 30 Jun	949,661	109,299	15,811	402,860	1,477,631

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 the month a total of 12,527 ML was released from Sydney water sources for the environment.

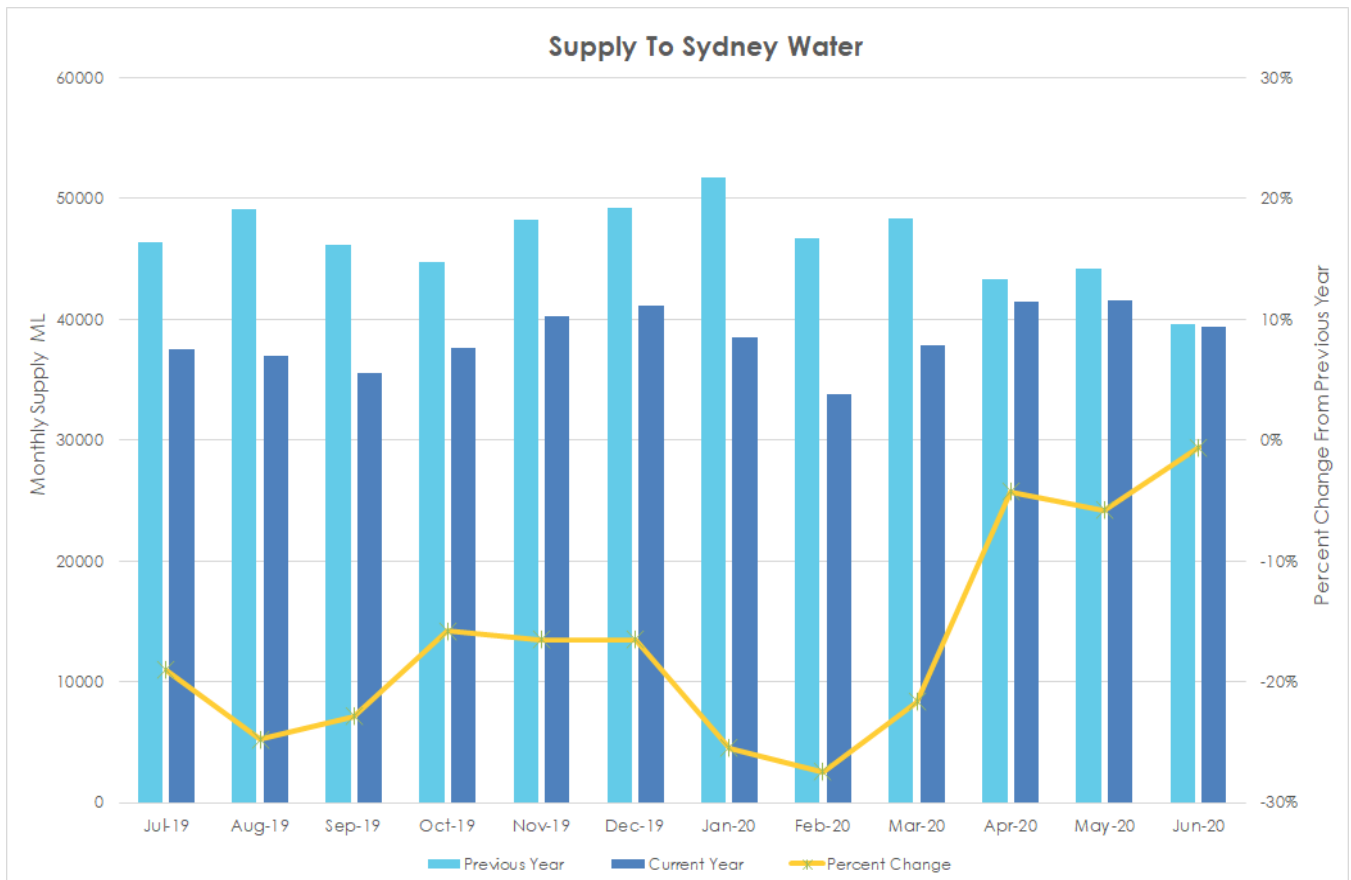


Water supplied to our customers

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 39,336 ML with a daily average supply of 1,311 ML/D. This is a one percent decrease from the same time last year.

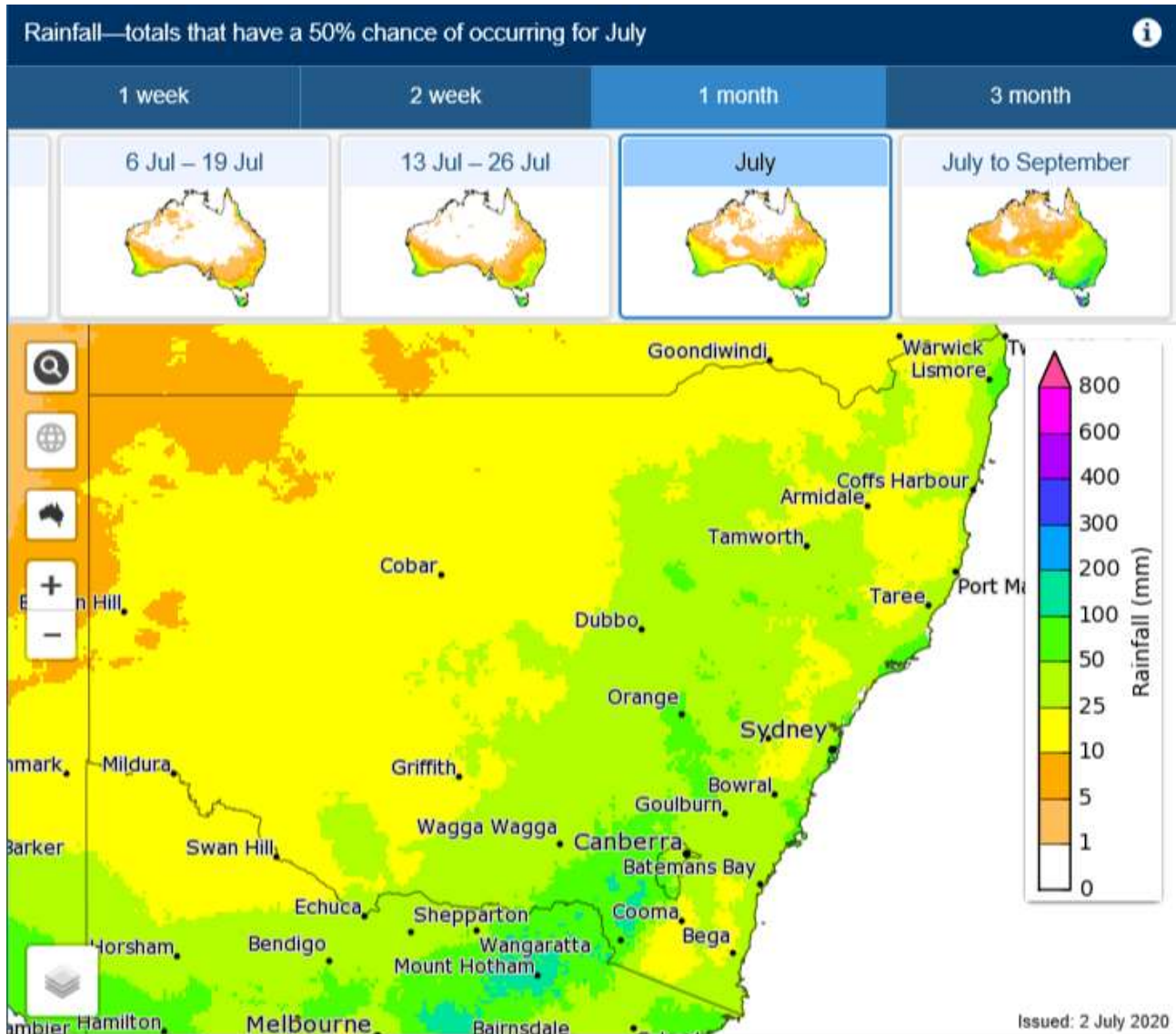


WaterNSW supplies raw, untreated water from our dams to the water filtration plants below:

Filtration Plant	Monthly Supply (ML)	Average Daily Supply (ML)
Cascade	219	7
Illawarra	2278	76
Macarthur	2158	72
Nepean	321	11
North Richmond	502	17
Orchard Hills	1862	62
Prospect	31110	1037
Warragamba	86	3
Woronora	800	27
TOTAL	39336	1311

Forecast

According to the Bureau of Meteorology, the likelihood of a wetter or drier July is roughly equal for Sydney's catchment areas. Rainfall amounts are forecast 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):
2,596,150 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>