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Key messages

- As at Friday 31 July 2020 the total available water held in Greater Sydney storages was **84.6%**, an increase of 3.2% from last month.
- The month of July experienced well above average rainfall in all catchments except the Oberon catchment which received average rainfall.
- Almost 400 GL of water flowed into our dams across Greater Sydney, compared to 14 GL for the same time last year. Due to the heavy rainfall that fell in February and now July, our total inflows this calendar year have reached 1,880 GL – 75 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 January 2021 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 Friday 31 July 2020 the total available water held in Greater Sydney storages was 84.6%, an increase of 3.2% from last month. For more information on Greater Sydney Dam levels please visit www.waternsw.com.au/sydneydamlevels
Note: Tallowa storage drawdown limit was changed to one metre below FSL on 1st July 2020.

### Rainfall

During July, above average rainfall was received in all water supply catchments.

![Monthly Rainfall (mm)](chart.png)
Inflows

After minor inflows in April, May and June, moderate flows to Sydney storages were recorded during July.

<table>
<thead>
<tr>
<th>Monthly inflow (ML)</th>
<th>Warragamba</th>
<th>Upper Nepean</th>
<th>Woronora</th>
<th>Tallowa</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>103,519</td>
<td>42,293</td>
<td>8,350</td>
<td>244,057</td>
<td>398,219</td>
</tr>
</tbody>
</table>

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 62,417 ML was released from Sydney water sources for the environment.

![Monthly Environmental Flows (ML)](image)

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 40,670 ML with a daily average supply of 1,312 ML/D. This is an eight percent increase from the same time last year.
WaterNSW supplies raw, untreated water from our dams to the water filtration plants below:

<table>
<thead>
<tr>
<th>Filtration Plant</th>
<th>Monthly Supply (ML)</th>
<th>Average Daily Supply (ML)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cascade</td>
<td>262</td>
<td>8</td>
</tr>
<tr>
<td>Illawarra</td>
<td>2345</td>
<td>76</td>
</tr>
<tr>
<td>Macarthur</td>
<td>2248</td>
<td>73</td>
</tr>
<tr>
<td>Nepean</td>
<td>307</td>
<td>10</td>
</tr>
<tr>
<td>North Richmond</td>
<td>526</td>
<td>17</td>
</tr>
<tr>
<td>Orchard Hills</td>
<td>1880</td>
<td>61</td>
</tr>
<tr>
<td>Prospect</td>
<td>32289</td>
<td>1042</td>
</tr>
<tr>
<td>Warragamba</td>
<td>88</td>
<td>3</td>
</tr>
<tr>
<td>Woronora</td>
<td>725</td>
<td>23</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>40670</strong></td>
<td><strong>1312</strong></td>
</tr>
</tbody>
</table>
Forecast

According to the Bureau of Meteorology, the remainder of August and September are likely to be wetter than average for Sydney’s catchment areas. Rainfall amounts are forecast below:

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