



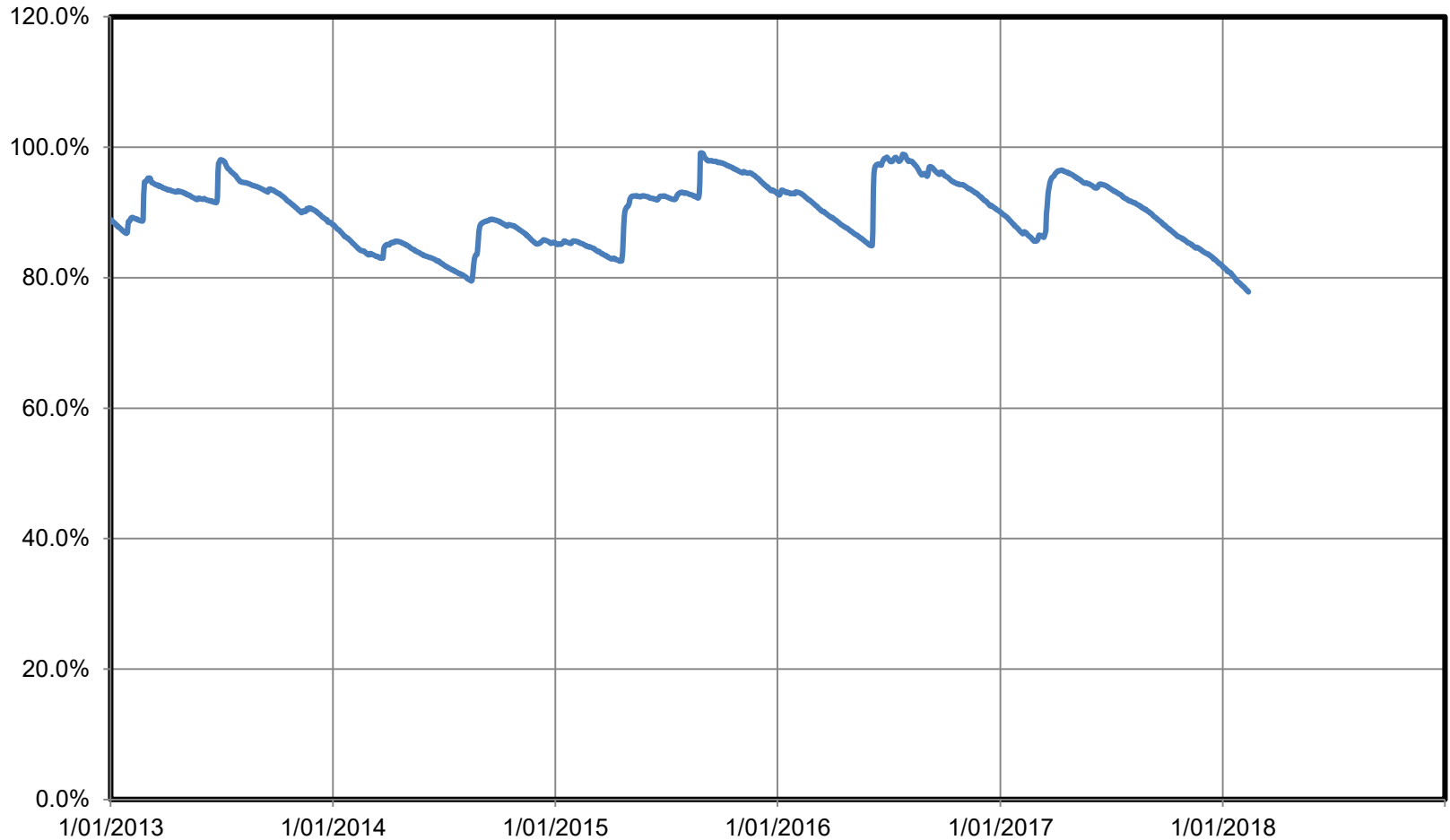
WaterNSW

Water Operations Report

Greater Sydney
February 2018

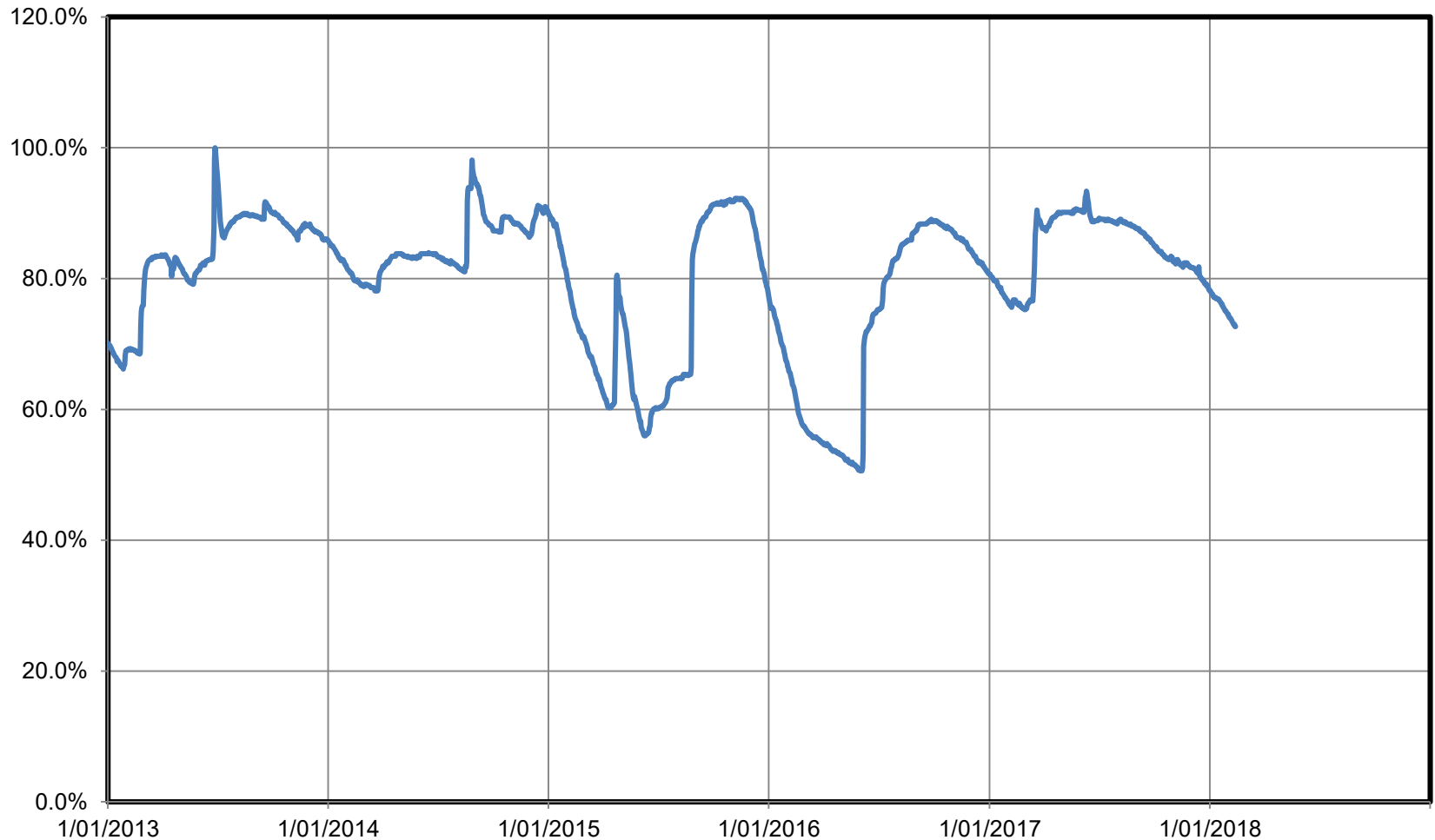
Dam Storages

Metro Sydney Total System Storage



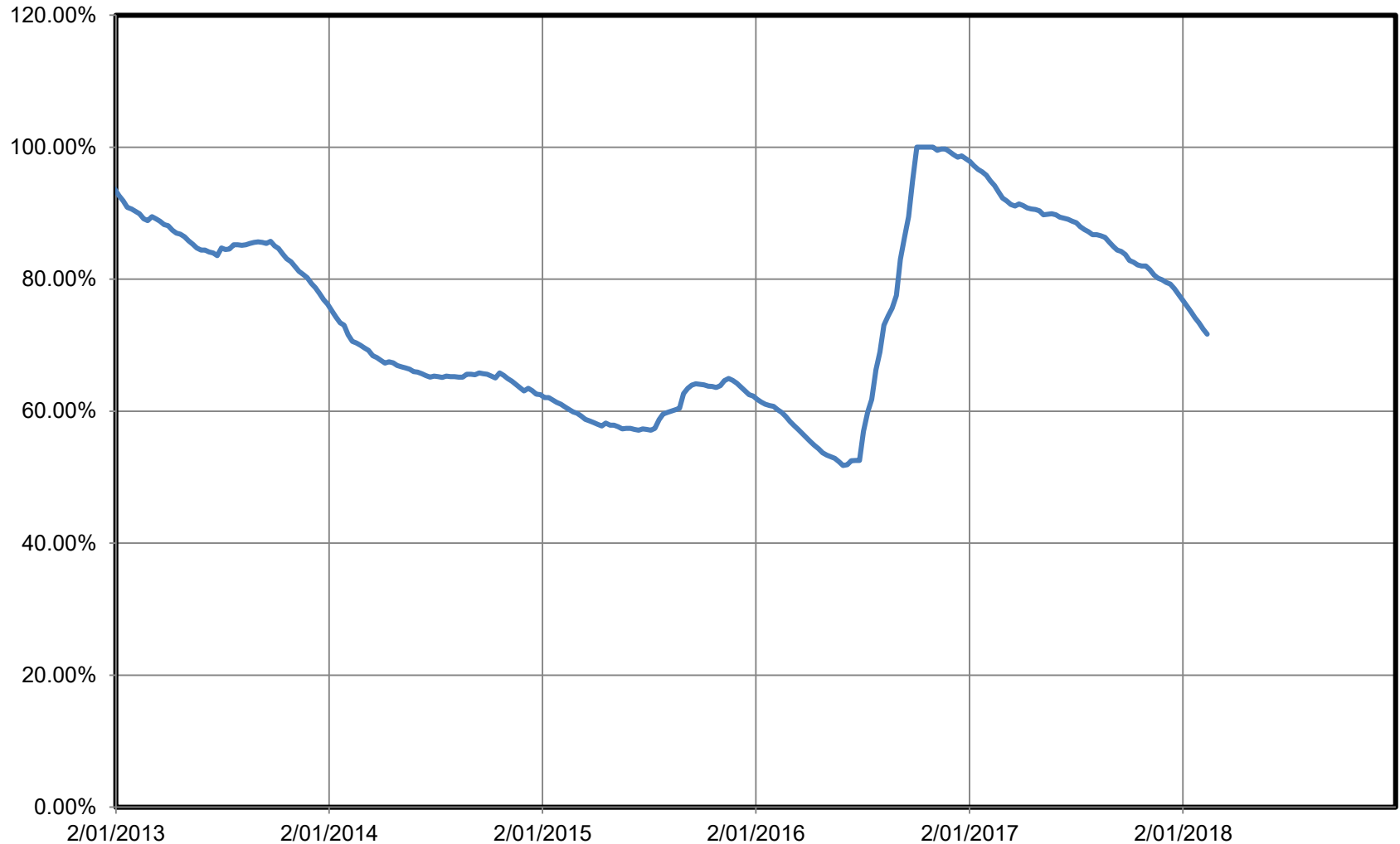
Dam Storages

Wingecarribee Dam Storage



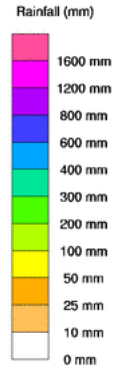
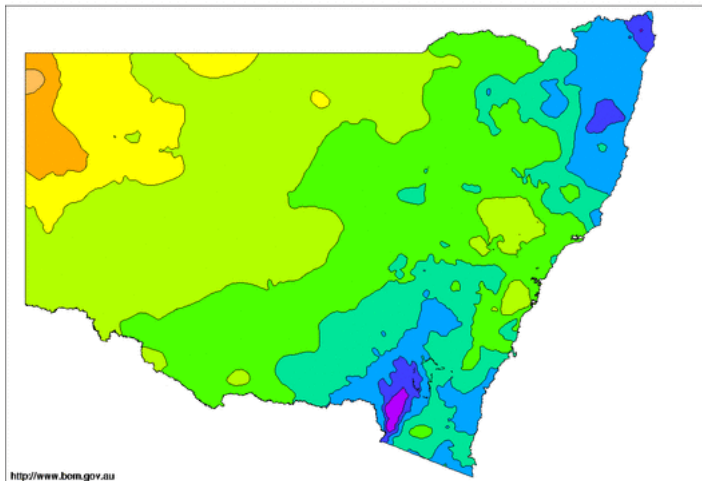
Dam Storages

Oberon Dam Storage



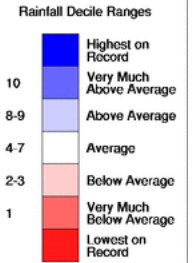
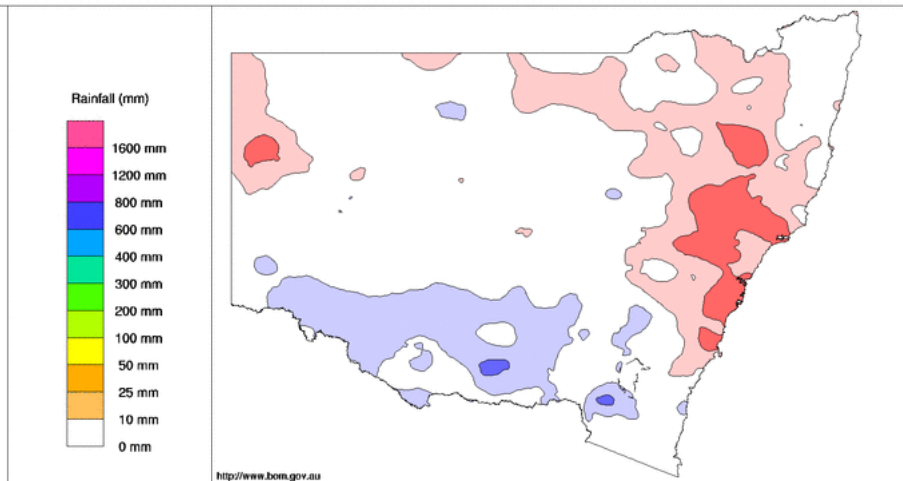
6 Month Rainfall

New South Wales Rainfall totals (mm) 1 August 2017 to 31 January 2018
Australian Bureau of Meteorology



<http://www.bom.gov.au>
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New South Wales Rainfall Deciles 1 August 2017 to 31 January 2018
Distribution Based on Gridded Data
Australian Bureau of Meteorology



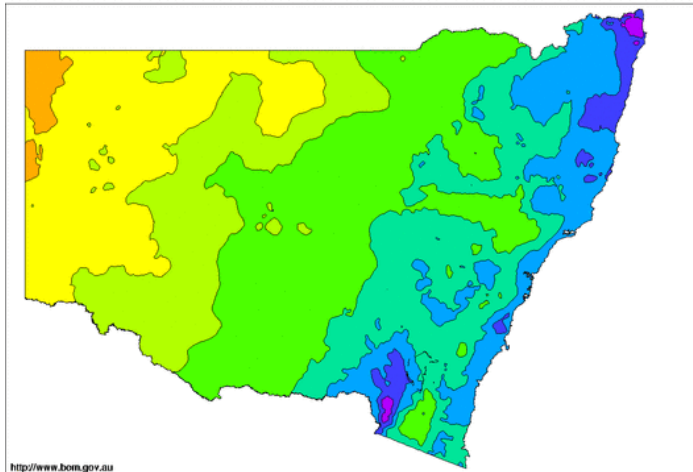
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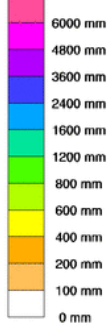
24 Month Rainfall



New South Wales Rainfall totals (mm) 1 February 2016 to 31 January 2018
Australian Bureau of Meteorology

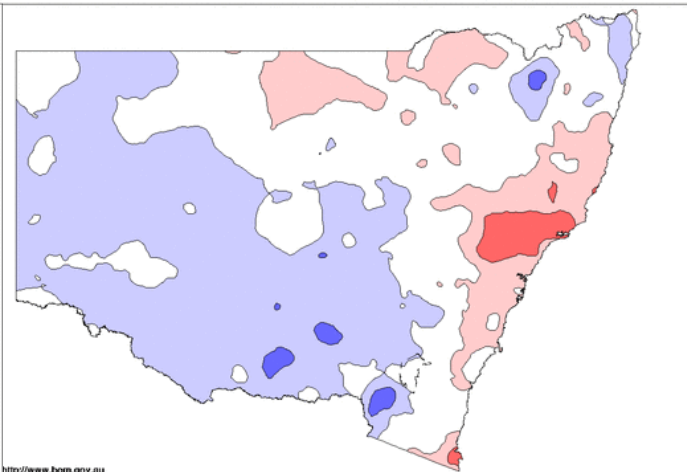


Rainfall (mm)

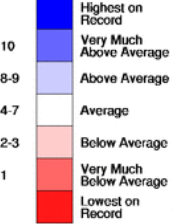


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New South Wales Rainfall Deciles 1 February 2016 to 31 January 2018
Distribution Based on Gridded Data
Australian Bureau of Meteorology



Rainfall Decile Ranges

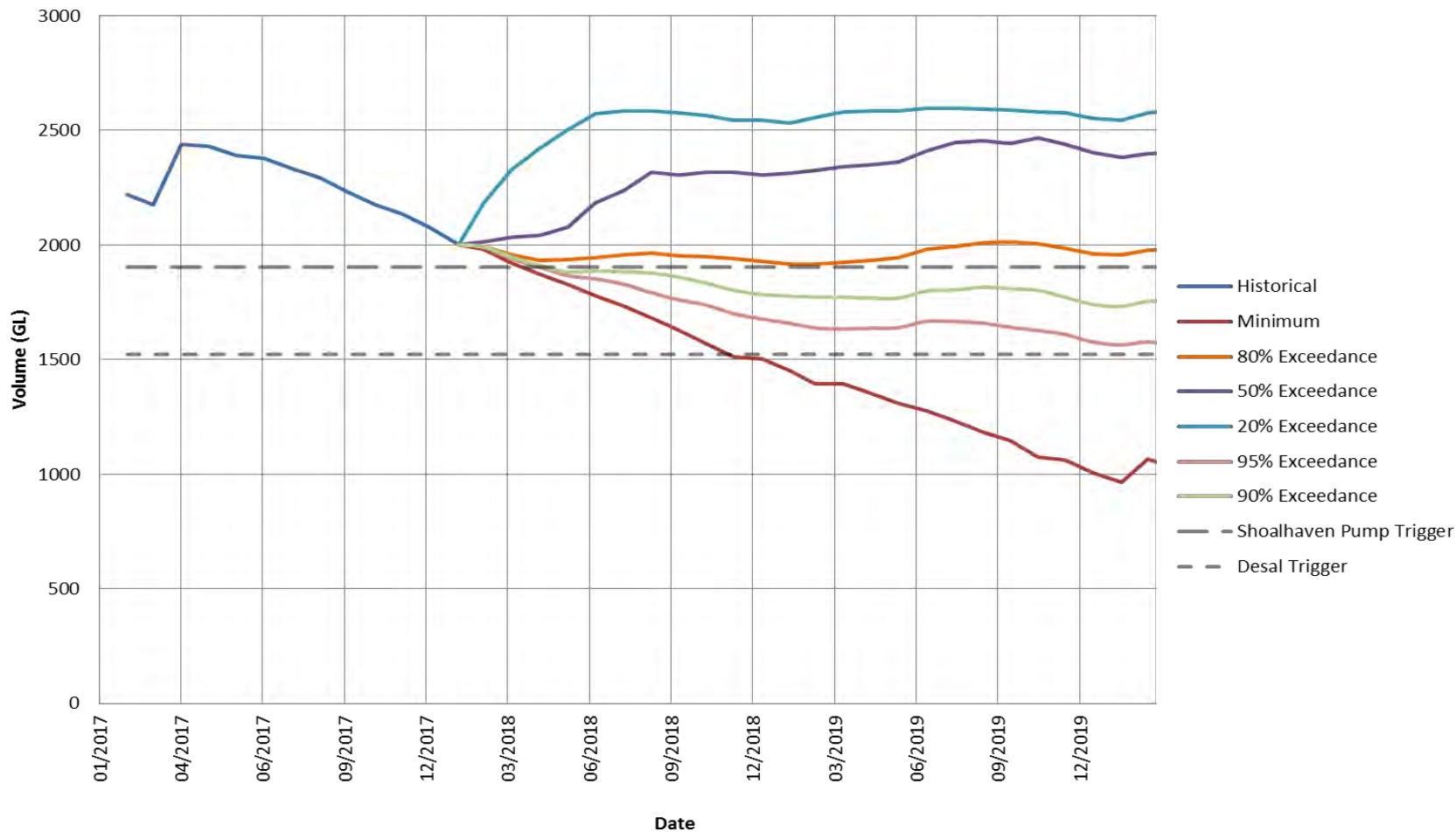


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Issued: 03/02/2018, Commonwealth of Australia 2018, Australian Bureau of Meteorology ID code: AWAP

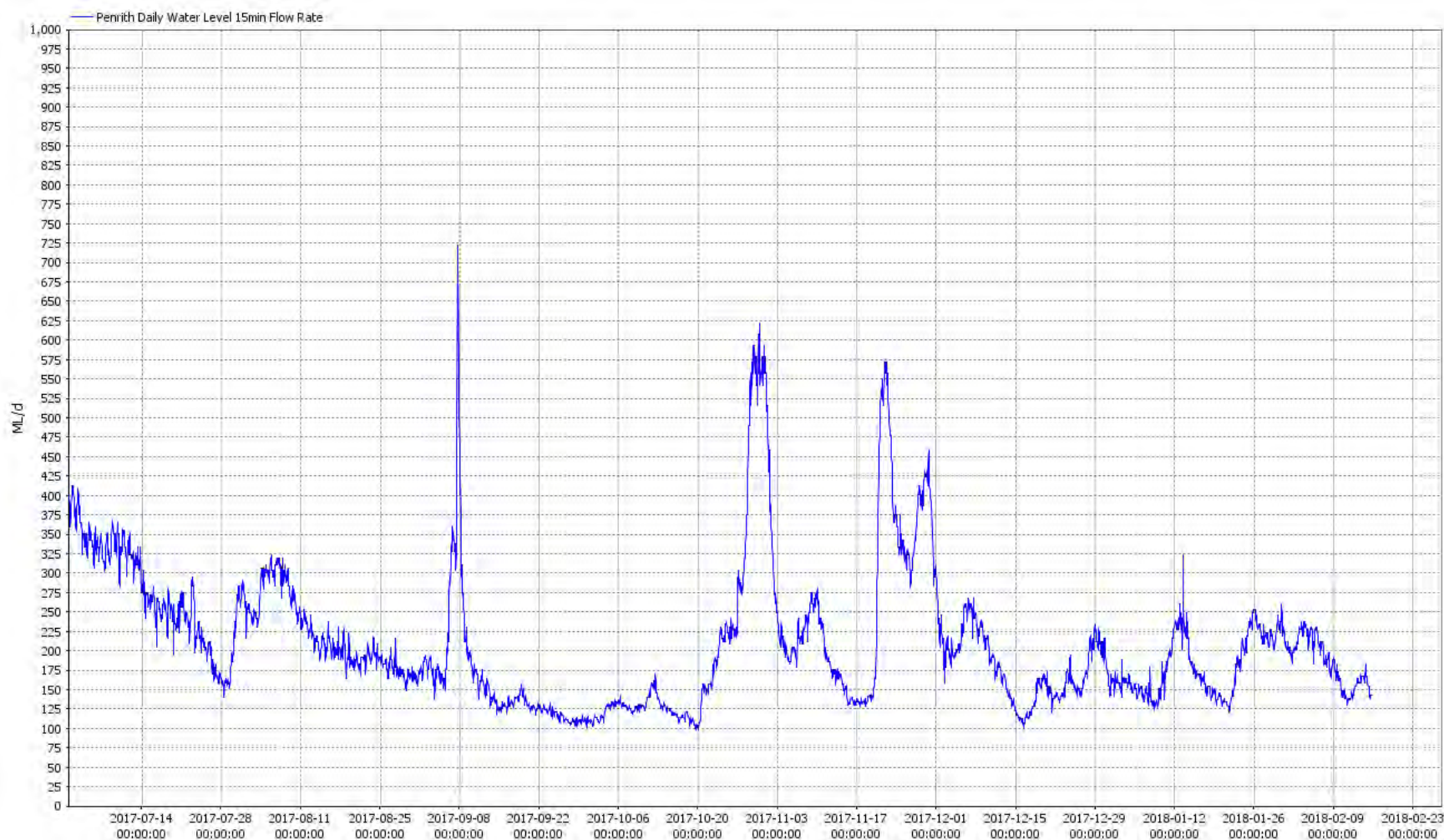
Issued: 03/02/2018

Storage Forecast

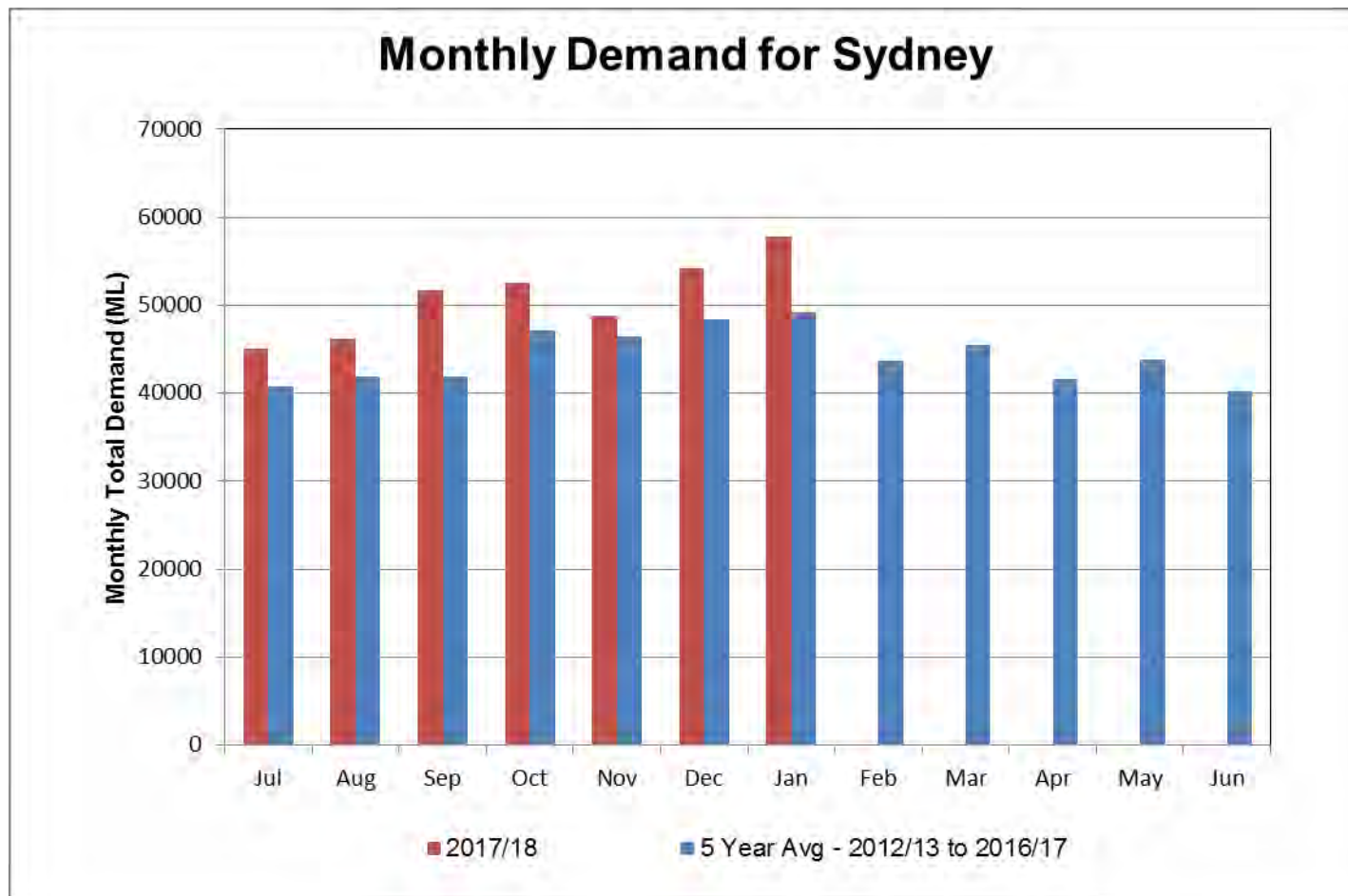
February 2018 Total System Depletion Projections



Flow at Penrith Weir



Demand



System Outage Plan

Sydney

Upper Canal outage from March to May.

Warragamba Pipelines outages from June to August.

Upper Canal outage from September to November.

Shoalhaven

Commissioning of Burrawang Pump Station – August 2018.

Water Quality

Storage Water Quality

- Generally WQ of storages is fair.
- Thermoclines established in all storages not actively destratified. Stratification will weaken over the coming months.
- Colour has been slowly reducing in the storages.
- Moderate algal ASU has been recorded in Upper Nepean, Shoalhaven and Blue Mountains storages.

Rain and temperature outlook

