

14 December 2021

Peel Regulated River Water Source and Peel Alluvium Groundwater Source

Water allocation update

Wet conditions have continued since the last statement in August and Chaffey Dam has remained full. All entitlements received their full allocation by August therefore remain unchanged.

The Peel catchment experienced very high rainfall in November with Chaffey Dam receiving about 180 mm of rainfall and most of the corresponding inflows, some 41 gigalitres (GL), spilled.

Table 1. Total water allocations for the Peel Regulated River Water Source in 2021-22

Access licence type	2021-22
Domestic and Stock	100%
Local Water Utility	100%
High Security	100%
General Security	100%
Environmental Contingency Allowance	5.0 GL

Table 2. Total water allocations for the Peel Alluvium Groundwater Source in 2021-22

Access licence type	2021-22
Aquifer* (general security)	100%

* Increments to this licence category are related to increments for regulated river (general security) licences.

Seasonal rainfall outlook

The Bureau of Meteorology's seasonal outlook for December 2021 to February 2022 indicates that rainfall is likely to be above median across the catchment. Minimum temperatures are likely to be warmer than median.

The La Niña in the Pacific Ocean, the positive Southern Annular Mode (SAM) and the strengthening MJO over the western Pacific are likely influencing the above median rainfall outlooks.

Further details at: www.bom.gov.au/climate/outlooks/#/overview/summary

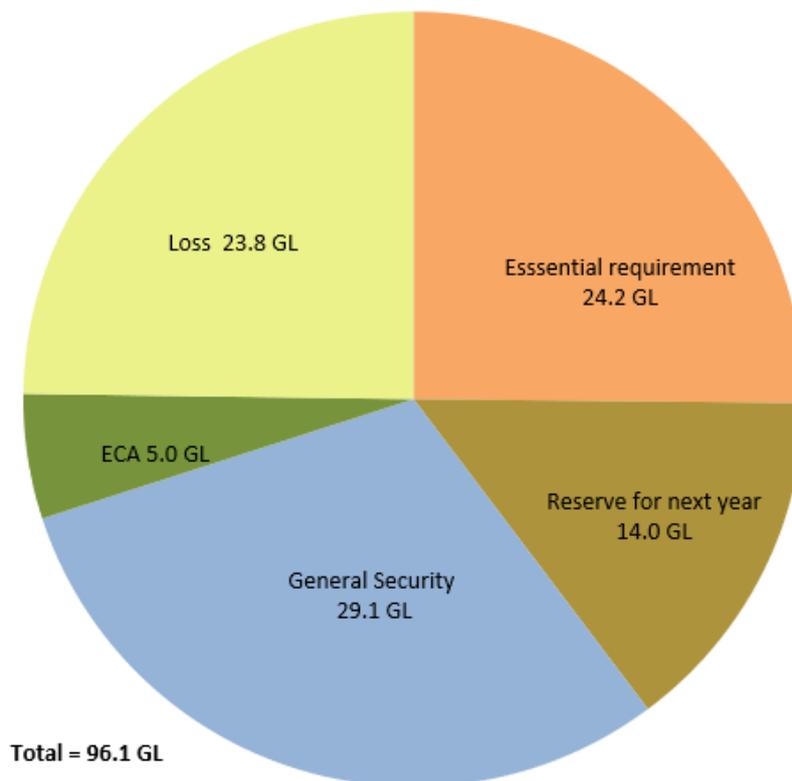
Resource assessment data sheet

Resource Distribution (as at 30 November 2021)	Volume (GL)
Current and Future Resources ⁽¹⁾	106.5
<i>less</i>	
Essential Supplies ⁽²⁾	24.2
Reserve for 2022-2023 ⁽³⁾	14.0
General security balance	29.1
ECA balance ⁽⁴⁾	5.0
Evaporation, operational and transmission loss ⁽⁵⁾	23.8
Total resources allocated	96.1
Surplus ⁽⁶⁾	10.4

Notes:

- ⁽¹⁾ Chaffey Dam above dead storage, Dungowan Dam above 50% and minimum inflow expected to June 2022.
- ⁽²⁾ Water set aside to provide for basic landholder rights, domestic and stock (D&S), local water utility (LWU), high security (HS) and associated transmission loss plus minimum storage release. D&S entitlements have been allocated 100%, LWU entitlements have been allocated 100%, and HS entitlements have been allocated 100% for the current water year.
- ⁽³⁾ Reserve set aside to meet the minimum allocation of 2022-23 under the water sharing plan (WSP) obligation at the repeat of the worst drought known prior to the commencement of the WSP. The reserve includes basic landholder rights, 70% domestic and stock, 70% local water utility, 50% high security and associated transmission loss plus minimum storage release. This also considers minimum inflow expected next year offset by evaporation over 2022-23.
- ⁽⁴⁾ Total ECA account balance (GS allocation in ML/share multiplied by 5000).
- ⁽⁵⁾ Evaporation budget assumes historical high evaporation rates. The transmission loss is budgeted to deliver water orders based on current conditions and forecasts. ECA water delivery is measured at the dam wall thus incurs no transmission loss.
- ⁽⁶⁾ All categories of water licences (including GS) in the Peel Regulated River Water Source have been fully allocated this 2021/22 water year. There is 10.4 GL unallocated which adds to future water security. The system is secure to June 2023 and beyond.

Resource Distribution (as at 30 November 2021)



New water allocation guide

The department is producing a series of guides to describe the water allocation process for most NSW regulated river systems. One for the Peel regulated river water source is now available.

For further details at: www.industry.nsw.gov.au/water/allocations-availability/allocations/how-water-is-allocated/resource-assessment-process

Further information

As water allocations for 2021-22 have reached their maximum limit, regular allocation announcements have ceased. However, conditions will continue to be monitored and a statement will be issued if there are any significant changes to resource availability or outlook.

The next water allocation statement is planned for April 2022 and will provide an early outlook for potential water availability and allocations on 1 July for the 2022-23 water year.

Subscribe [here](#) to receive the Department of Planning, Industry and Environment's monthly email update on water planning, management and reform in New South Wales.

You can also follow DPIE-Water on Twitter: @NSWDPIE_Water