

9 June 2021

Peel Regulated River Water Source and Peel Alluvium Groundwater Source

Water allocation update

There have been minor improvements in water availability in the Peel catchment since the last resource assessment, allowing for the following allocation increases:

- **General security allocation to increase by 7%**, resulting in a total allocation of 84% for the current water year.
- **Environmental Contingency Allowance (ECA) account to increase by 7%** to a total of volume of 4.2 gigalitres (GL) for the current water year.
- **Aquifer general security allocation to increase by 3.4%**, resulting in a total allocation of 92.1 % for the current water year.

All other categories of licence in the Peel Regulated River Water Source have been given full allocations and remain unchanged.

Total water allocations for the Peel Regulated River Water Source in 2020-21

Access licence type	2020-21	Drought Stage
Domestic and Stock	100%	
Local Water Utility	100%	Stage 1
High Security	100%	
General Security	84%	
Environmental Contingency Allowance	4.2 GL	

Total water allocations for the Peel Alluvium Groundwater Source in 2020-21

Access licence type	2020-21
Aquifer (general security)	92.1%

General security water users are reminded that under certain circumstances they can order and take water from uncontrolled flows without a corresponding debit from their account.

Water availability outlook 2021-22

This forecast information is not guaranteed and should be used at one's own risk. The outlook for likely 1 July 2021 water allocation is conservatively based on assumed historical minimum inflows for the remainder of this water year and into the future.

- **Domestic and stock, local water utility and high security** entitlements can expect to receive their maximum (100%) allocation on 1 July 2021.
- **General security** entitlements can expect **at least 20%** allocation on 1 July 2021, with commensurate volume allocated to **ECA**.
- **Indicative general security allocation** for a given Chaffey level on 1 July 2021:
 - Chaffey Dam 50 GL 60GL 80GL
 - Indicative GS allocation 0-5% 15-25% 50-65%
- Water for all critical consumptive and non-consumptive needs, including environmental and basic landholder rights, are secure for the 2021-22 water year.
- All categories of licence in this water source are accounted on an annual basis. Any account balance is forfeited at the end of the water year and a new is allocation made.

Key facts

- At 7 June, Chaffey Dam was holding 60.9 gigalitres (GL) of water, about 58.2% full.
- Inflow into Chaffey Dam in May was about 0.9 GL. Any improvement in June will be included in the next assessment.
- With Chaffey Dam holding more than 20% capacity, Phase 1 of the authorisation under the *Water Supply Critical Needs Act 2019* is currently in place, meaning that water is being delivered by the river rather than the new pipeline.
- Normal regulated river operations and water ordering are available for the Peel river system.

Seasonal rainfall outlook

The Bureau of Meteorology's seasonal outlook for winter indicates that rainfall is likely to be above average across the catchment. Both daytime and overnight temperatures are also likely to be above average for winter.

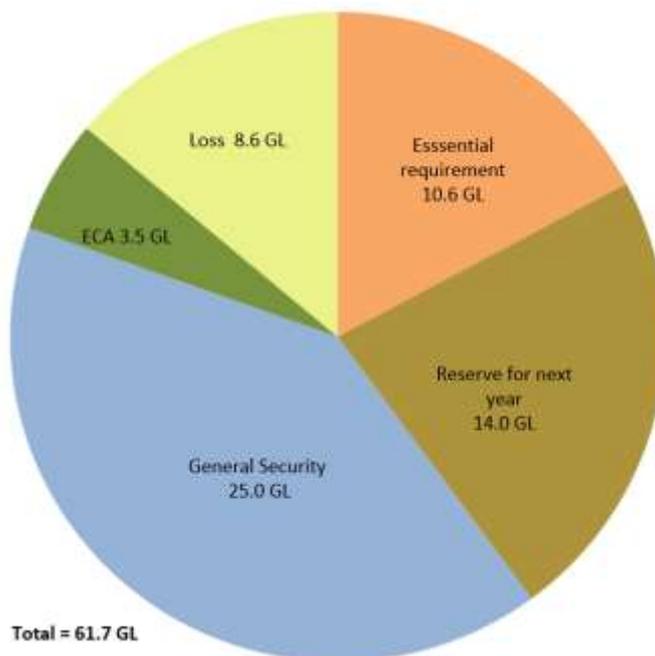
Details can be found at: www.bom.gov.au/climate/ahead/outlooks/

Resource assessment data sheet

Resource Distribution (as at 1 June 2021)	Volume (GL)
Current and Future Resources ⁽¹⁾	61.7
less	
Essential Supplies ⁽²⁾	10.6
Reserve for 2021-2022 ⁽³⁾	14.0
General security balance	25.0
ECA balance ⁽⁴⁾	3.5
Evaporation, operational and transmission loss ⁽⁵⁾	8.6
equals	
Uncommitted Resources	0.0

See notes below.

Resource Distribution (as at 1 June 2021)



Notes:

- (1) Chaffey Dam above dead storage, Dungowan Dam above 50% and minimum inflow expected to June 2021.
- (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 2021-22 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 2021-22.
- (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.

Further information

The next water allocation statement for Peel River will be included in the state-wide opening water allocation statement on 1 July 2021.

Routine water allocation statements for the new 2021-22 water year for the Peel Regulated River Water Source will commence in August, or earlier, if conditions change significantly beforehand.

Information on available water determinations and water sharing plans is available on the Department of Planning, Industry and Environment's website: www.industry.nsw.gov.au/water

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