



Water Allocation Outlook

Hunter Regulated River

Shahadat Chowdhury, Water Allocations Unit, DPIE Water

Water Security Information Session, via Webinar, 28 May 2020

NSW Allocations Framework

- Allocations based on low risk, extremely dry outlook
- Requirements codified in Water Sharing Plans
 - Priority of access/allocation (D&S, LWU, MU, HS, GS)
 - Minimum release, flow targets
 - Planned Environmental Water – accrual and use
 - Level of risk to GS – design minimum inflow
- Water year (1 July to 30 June). Carry over: balance brought forward to next year
- Minimum inflow assumption, budgeted loss, user behaviour e.g. carry over
- Restrictions used during extreme dry conditions to protect critical need from shortfalls

D&S: domestic and stock
LWU: local water utilities
MU: major utility
HS: high security
GS: general security

Key Features of Hunter Plan

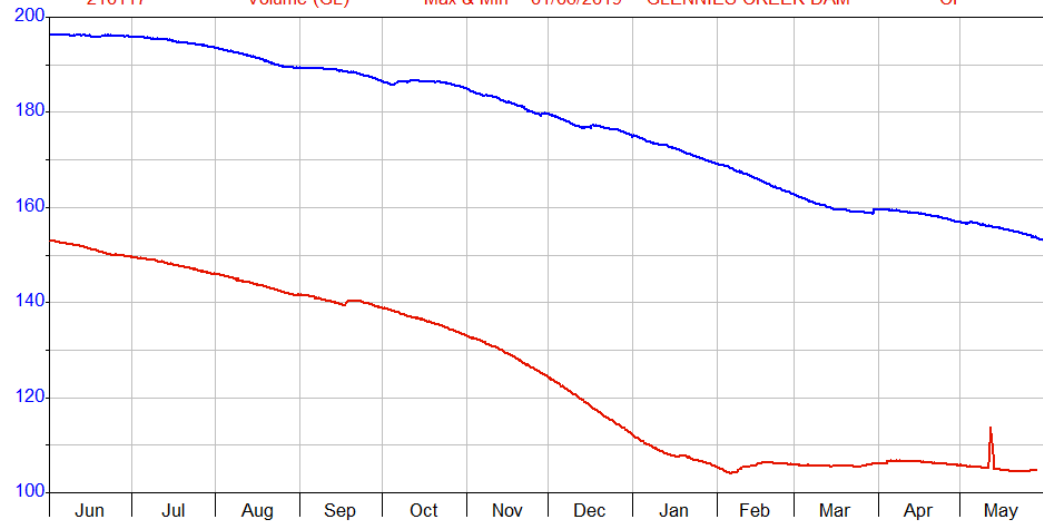
- Entitlements:
 - D&S:1816 ML, LWU: 10832 ML, MU: 36000 ML, HS: 21740 u, GS: 128500 u, Supp: 48519 u
- Environmental Water Allowance (EWA): 20,000 ML
- Supply to D&S, LWU, MU, EWA planned against worst dry inflow known as of 2003, WSP Clause 30.
- Carry over rules:
 - No carry over for D&S, LWU and EWA.
 - MU 90%, HS 25%, GS 25%.
 - Carried over water spills first.
- Full HS allocation is 75%; then for every 1% HS allocation - GS gets 2%.
- In 2019/20, all higher priority categories are at 100%, GS at 95%.

WaterNSW

HYMPLOT V62 Output 29/05/2020

Period 1 Year
Interval 12 Hour

Site	Var	Type	Start	Name	CP
210117	Volume (GL)	Max & Min	01/06/2018	GLENNIES CREEK DAM	CP
210117	Volume (GL)	Max & Min	01/06/2019	GLENNIES CREEK DAM	CP

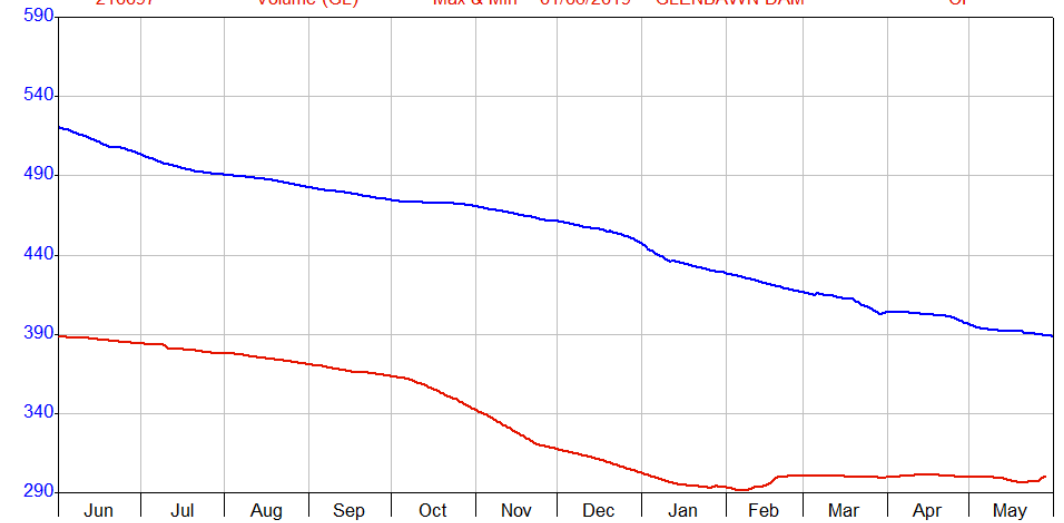


WaterNSW

HYMPLOT V62 Output 29/05/2020

Period 1 Year
Interval 12 Hour

Site	Var	Type	Start	Name	CP
210097	Volume (GL)	Max & Min	01/06/2018	GLENBAWN DAM	CP
210097	Volume (GL)	Max & Min	01/06/2019	GLENBAWN DAM	CP



Resource Distribution (1 May 2020 to 30 June 2022)	Volume (GL)	Volume (GL)
Available Resource (as at 1 May 2020) ⁽¹⁾		403.56
Minimum storage & tributary inflows (1 May 2020 – 30 Jun 2020) ⁽²⁾		1.30
<i>less</i>		
General Security account balance	90.72	
Town Water (Local Water Utility)	6.00	
Major Utility	47.00	
High Security	8.50	
Basic Land Holder Rights	0.90	
Environmental Water Allowance (EWA)	20.00	
Domestic and Stock	1.40	
Minimum Flow Target at Greta	3.26	
Losses (evaporation, transmission, operation)	9.59	
Storage Reserve for 2020-21 & 2021-22 ⁽³⁾	184.99	
<i>equals</i>		
Surplus water ⁽⁴⁾		32.48

2020/21 Outlook

- All high priority licence holders including Local Water Utilities, Major Utilities, and Domestic and Stock water access licenses can expect full (100 per cent) allocations.
- High Security and General Security licences can expect opening allocations of up to 85 per cent and 20 per cent of entitlement respectively.
- Environmental Water Allowance will be credited with 20 gigalitres (GL).
- Likewise, Supplementary entitlement holders can expect a full (100 per cent) allocation.
- All carry over water in account and water for critical needs including MU are secure to June 2022, assuming the budgeted (minimum) future inflows arrive.
- Next announcement will be on 1 July 20 combined with other valleys.

- Providing less allocation to GS in a year does not ensure higher allocation the following year. Future allocations are more influenced by usage in the current year.
- Opening allocations to GS is subject to additional inflow, losses and user behaviour such as unused water in account.
- Users may control their supply by managing use and carry over. Allocation is agnostic to water use intent and made to license category.
- Water allocation of the outgoing 2019/20 met the plan requirement. All high priority users received full allocation now and into next year. No shortfall or restriction.
- If the planned inflow does not eventuate, high priority needs will be secured through drought contingency measures – similar to western rivers.



Thank You

Search: NSW Water Allocations Statements

Subscribe to email alert

<https://www.industry.nsw.gov.au/water/allocations-availability/allocations/statements>