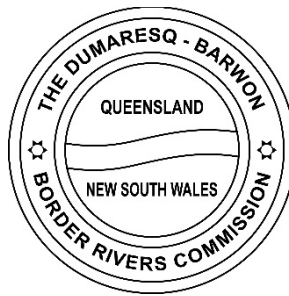


# *Dumaresq-Barwon Border Rivers Commission*



## ***Annual Statistics 2022-23***

*This report is a collation of statistical data provided by the  
New South Wales's Department of Planning and Environment and WaterNSW;  
and Queensland's Department of Regional Development, Manufacturing, and  
Water and Sunwater Ltd.*

*The information contained has not been verified by independent sources.*

## Contents

|   |          |
|---|----------|
| <b>Water Infrastructure</b> .....   | <b>1</b> |
| Table 1 - Key features of Border Rivers Commission works .....  | 1        |
| Table 2 - Glenlyon Dam monthly releases/spillway flows (megalitres) .....   | 3        |
| Table 3 - Glenlyon Dam recreation statistics .....  | 4        |
| <b>Resource allocation, sharing and use</b> .....   | <b>4</b> |
| Table 4 Water use from the Border Rivers 1 July 22– 30 June 23 (megalitres) .....                                       | 4        |
| Table 5 – Summary of resource assessments (Border Rivers) 1 July 22 – 30 June 23 (gigalitres) .....                     | 5        |
| Table 6 - Access to Unsupplemented/supplementary water from the Border Rivers.....                                      | 6        |
| Table 7 – Sharing of Unregulated Flow <sup>1</sup> in the Border Rivers 1 July 22 – 30 June 23 (megalitres) .....       | 7        |
| Table 8 – Preservation of Tributary inflow <sup>1</sup> for the Border Rivers 1 July 22 – 30 June 23 (megalitres) ..... | 7        |
| Table 9 - Groundwater allocation/entitlements in the Border Rivers Groundwater Area .....                               | 8        |
| Table 10 - Groundwater use in the Border Rivers Groundwater Area (megalitres) .....                                     | 8        |
| <b>Resource Management</b> .....  | <b>9</b> |
| Table 11 - Border River and Intersecting Streams water quality guidelines and targets .....                             | 9        |
| Table 12 - Summary of water quality 2022-2023.....  | 15       |
| Table 13 - Stream gauging stations (Border Rivers).....   | 18       |
| Table 14 - Stream gauging stations (Intersecting Streams) .....   | 21       |
| Table 15 - Groundwater monitoring network.....  | 24       |

## Water Infrastructure

**Table 1 - Key features of Border Rivers Commission works**

| Name                    | Stream          | AMTD (km) | Nearest town/s                     | Description                       | FSL above bed (m) | Storage capacity (ML) | Date completed |
|-------------------------|-----------------|-----------|------------------------------------|-----------------------------------|-------------------|-----------------------|----------------|
| <b>DAMS</b>             |                 |           |                                    |                                   |                   |                       |                |
| <b>Glenlyon Dam</b>     | Pike Creek      | 6.4       | Stanthorpe<br>Tenterfield<br>Texas | Earth & rockfill                  | 47.4              | 254,000               | 1976           |
| <b>WEIRS</b>            |                 |           |                                    |                                   |                   |                       |                |
| <b>Boggabilla Weir</b>  | Macintyre River | 283.5     | Boggabilla<br>Goondiwindi          | Reinforced concrete and earthfill | 8.5               | 5,850                 | 1991           |
| <b>Boomi Weir</b>       | Macintyre River | 147       | Boomi                              | Steel sheetpiling                 | 4.1               | 354                   | 1960           |
| <b>Bonshaw Weir</b>     | Dumaresq River  | 126.7     | Texas                              | Steel sheetpiling                 | 2.9               | 617                   | 1953/58        |
| <b>Coomonga Weir</b>    | Coomonga Creek  |           | Toobeah                            | Steel sheetpiling                 |                   |                       | 1986           |
| <b>Cunningham Weir</b>  | Dumaresq River  | 67.9      | Texas                              | Timber piled                      | 4.6               | 543                   | 1954           |
| <b>Glenarbon Weir</b>   | Dumaresq River  | 57        | Yelarbon                           | Steel sheetpiling                 | 2.7               | 353                   | 1959           |
| <b>Goondiwindi Weir</b> | Macintyre River | 268.8     | Goondiwindi                        | Timber crib                       | 2.8               | 1,800                 | 1942           |
| <b>Mungindi Weir</b>    | Barwon River    | 4.8       | Mungindi                           | Steel sheetpiling                 | 3.6               | 730                   | 1936/65        |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| Name                     | Stream                             | AMTD (km) | Nearest town/s | Description                                   | FSL above bed (m) | Storage capacity (ML) | Date completed |
|--------------------------|------------------------------------|-----------|----------------|---|-------------------|-----------------------|----------------|
| <b>REGULATORS</b>        |                                    |           |                |   |                   |                       |                |
| <b>Boomi Regulator</b>   | Boomi River                        |           | Boomi          | Reinforced concrete with hardwood dropboards  |                   |                       | 1960           |
| <b>Newinga Regulator</b> | Barwon to Weir River flood channel |           | Talwood        | Reinforced concrete with aluminium dropboards |                   |                       | 1993           |
| <b>Regulator No 1</b>    | Balonne Minor                      | 163.5     | Dirranbandi    | Steel sheetpiling with rock protection        |                   |                       | 1974           |
| <b>Regulator No 1</b>    | Culgoa River                       | 162.6     | Dirranbandi    | Steel sheetpiling with rock protection        |                   |                       | 1974           |
| <b>Regulator No 2</b>    | Balonne Minor                      | 128.9     | Dirranbandi    | Steel sheetpiling with rock protection        |                   |                       | 1974           |
| <b>Regulator No 2</b>    | Donnegri River                     | 14.9      | Dirranbandi    | Steel sheetpiling with rock protection        |                   |                       | 1974           |
| <b>Regulator No 3</b>    | Ballandool River                   | 91.4      | Dirranbandi    | Steel sheetpiling with rock protection        |                   |                       | 1974           |
| <b>Regulator No 3</b>    | Bokhara River                      | 79.8      | Dirranbandi    | Steel sheetpiling with rock protection        |                   |                       | 1974           |
| <b>Regulator No 4</b>    | Birrie River                       | 274.7     | Goodooga       | Steel sheetpiling with rock protection        |                   |                       | 1974           |
| <b>Regulator No 4</b>    | Bokhara River                      | 276.2     | Goodooga       | Steel sheetpiling with rock protection        |                   |                       | 1974           |

**Table 2 - Glenlyon Dam monthly releases/spillway flows (megalitres)**

| End of month | Release<br>2022-2023 | Spillway Flows<br>2022-2023 |
|--------------|----------------------|-----------------------------|
| July         | 0                    | 3,052                       |
| August       | 0                    | 10,704                      |
| September    | 0                    | 26,827                      |
| October      | 0                    | 30,840                      |
| November     | 0                    | 16,690                      |
| December     | 0                    | 0                           |
| January      | 6,711                | 0                           |
| February     | 7,889                | 0                           |
| March        | 2,019                | 0                           |
| April        | 0                    | 0                           |
| May          | 0                    | 0                           |
| June         | 0                    | 0                           |

*(1) The monthly releases in this table are the flow volumes as recorded at GS 416309B, less any spillway flows*

*(2) The monthly spillway flows are the flow volumes as recorded at GS416315A*

**Table 3 - Glenlyon Dam recreation statistics**

| Recreation Visitors<br>1 July 22 – 30 June 23 | Campsites occupied<br>1 July 22 – 30 June 23 |
|---|--|
| 64,803  | 7,538  |

Resource allocation, sharing and use

**Table 4 Water use from the Border Rivers 1 July 22– 30 June 23 (megalitres)**

| Name  | NSW<br>Regulated <sup>1</sup> | QLD<br>Supplemented <sup>1</sup> | TOTAL<br>Regulated /<br>Supplemented | NSW<br>Supplementary <sup>2</sup> | QLD<br>Unsupplemented<br><sup>2</sup> | TOTAL<br>Supplementary /<br>Unsupplemented |
|---|-------------------------------|----------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|--|
| Pike Creek and Dumaresq River from Glenlyon Dam to Bonshaw Weir   | 1,517.0                       | 807.27                           | 2,324.27                             | 524.1                             | 162.8                                 | 686.9                                      |
| Dumaresq River from Bonshaw Weir to Cunningham Weir (excluding Texas town)                                  | 1,354.5                       | 777.34                           | 2,131.84                             | 869.9                             | 176.4                                 | 1,046.3                                    |
| Texas Town  | 0                             | 150.33                           | 150.33                               |                                   | 0                                     | 0  |
| Dumaresq River from Cunningham Weir to Macintyre River junction (excluding Yelarbon town)                   | 787.8                         | 2.81                             | 790.61                               | 80.1                              | 571.9                                 | 652  |
| Yelarbon Town   | 0                             | 34.38                            | 34.38                                |                                   | 0                                     | 0  |
| Macintyre River from Dumaresq River junction to Goondiwindi Weir (excluding Goondiwindi & Boggabilla towns) | 19,859.5                      | 8,198.53                         | 28,058.03                            | 3,105.6                           | 5,338.4                               | 8,444                                      |
| Boggabilla Town   | 112.8                         | -                                | 112.8                                |                                   | 0                                     | 0  |
| Goondiwindi Town  |                               | 1,563.75                         | 1,563.75                             |                                   | 0                                     | 0  |
| Macintyre River from Goondiwindi Weir to Boomi Weir   | 37,978.4                      | 1,064.36                         | 39,042.76                            | 4,098.6                           | 2,006.8                               | 6,105.4                                    |
| Macintyre River and Barwon River from Boomi Weir to Mungindi Weir (excluding Mungindi town)                 | 20,784.1                      | 5,486.11                         | 26,270.21                            | 2,749.3                           | 14,318.8                              | 17,068.1                                   |
| Mungindi Town   | 10.7                          | -                                | 10.7                                 |                                   | 0                                     | 0  |
| <b>Totals</b>   | <b>84,404.8</b>               | <b>18,084.87</b>                 | <b>102,489.67</b>                    | <b>11,427.6</b>                   | <b>22,575.1</b>                       | <b>34,002.7</b>                            |

(1) Supplemented water in QLD is defined as water delivered from infrastructure. This is equivalent to the NSW term Regulated water.

## Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

- (2) Unsupplemented water in QLD is defined as surface or ground water that is not reliant on infrastructure to store or distribute water. This is equivalent to the NSW term of Supplementary water.
- (3) The above water use statistics only include water diverted from the Border Rivers under the authority of the Border Rivers water entitlements. Water transferred from a tributary (e.g. the Macintyre Brook) to the Border Rivers and then diverted from the Border Rivers is not included in these statistics. Water temporarily transferred from one State to the other is reported as being use in the State of origin not the State of destination
- (4) Water taken by both Qld and NSW irrigators under the water sharing rules permitting small enterprises upstream of Goondiwindi Weir to pump from small unregulated inflows for direct irrigation, is included in the states' supplementary/unregulated water use statistics

**Table 5 – Summary of resource assessments (Border Rivers) 1 July 22 – 30 June 23 (gigalitres)**

| Bulk Accounts                        | QLD Account balance<br>1/07/2021<br>(a) | QLD Total use/loss<br>for year<br>(b) | QLD Total distribution<br>for year<br>(c) | QLD Account balance<br>1/07/2022<br>(a-b+c) | NSW Account balance<br>1/07/2021<br>(a) | NSW Total use/loss<br>for year<br>(b) | NSW Total distribution<br>for year<br>(c) | NSW Account balance<br>1/07/2022<br>(a-b+c) |
|--------------------------------------|---|---------------------------------------|---|---|---|---------------------------------------|---|---|
| Storage Loss (Glenlyon Dam)          | 7.74                                    | 13.04                                 | 13.05                                     | 7.74  | 10.26                                   | 17.01                                 | 16.68                                     | 9.92  |
| Storage Loss (Pindari Dam)           | n/a                                     | n/a                                   | n/a                                       | n/a   | 18                                      | 14.78                                 | 13.20                                     | 16.41                                       |
| Essential Supplies (minimum release) | 0                                       | 0                                     | 0   | 0   | 6.08                                    | 0                                     | 0   | 6.08  |
| Essential Supplies (other)           | 7.62                                    | 1.75                                  | 1.75                                      | 7.62  | 24.71                                   | 3.67                                  | 3.67                                      | 24.71                                       |
| Essential Supplies Delivery Loss     | 2.64                                    | 0.53                                  | 0.53                                      | 2.64  | 10.31                                   | 1.13                                  | 1.13                                      | 10.31                                       |
| General Use                          | 69.61                                   | 40.15                                 | 40.15                                     | 69.61                                       | 296.88                                  | 86.79                                 | 45.10                                     | 255.19                                      |
| General Use Delivery Loss            | 20.88                                   | 5.73                                  | 5.73                                      | 20.88                                       | 89.07                                   | 26.04                                 | 13.53                                     | 76.60                                       |

**Table 6 - Access to Unsupplemented/supplementary water from the Border Rivers**

| Month     | 1 July 22 to June 23<br>Access by small irrigation enterprises<br>upstream of Goondiwindi Weir | 1 July 22 - 30 June 23<br>General access to unregulated flows <sup>1</sup> |
|-----------|--|--|
| July      | 31   | / 100%   |
| August    | 31   | / 100%   |
| September | 30   | / 100%   |
| October   | 31   | / 100%   |
| November  | 30   | / 100%   |
| December  | 22   | 0  |
| January   | 0  | 0  |
| February  | 0  | 0  |
| March     | 0  | 0  |
| April     | 30   | / 6%   |
| May       | 31   | 0  |
| June      | 30   | 0  |

- (1) General access to unregulated flows is authorised in hours and days in Queensland and as a percentage in New South Wales.
- (2) Unsupplemented water in QLD is defined as surface or groundwater that is not reliant on infrastructure to store or distribute water. This is equivalent to the NSW term of Supplementary water.



**Table 7 – Sharing of Unregulated Flow<sup>1</sup> in the Border Rivers 1 July 22 – 30 June 23 (megalitres)**

| Flow Event Number | Start Date | End Date   | Flow Event Volume | Regulated Water Requirement + Loss Allowance | 25% Environmental Share Volume | Volume available for Sharing between States |
|-------------------|------------|------------|-------------------|--|--------------------------------|---|
| 1                 | 1/07/2022  | 28/07/2022 | 90,277            | 0  | 22,569                         | 67,708                                      |
| 2                 | 9/08/2022  | 30/11/2022 | 2,445,423         | 0  | 61,1356                        | 1,834,067                                   |
| 3                 | 1/04/2023  | 8/04/2023  | 25,997            | 9,203  | 4,199                          | 12,596                                      |

(1) Reporting is in accordance with the NSW-Qld Border Rivers Intergovernmental Agreement 2008 Clause 33 Access Arrangements.

**Table 8 – Preservation of Tributary inflow<sup>1</sup> for the Border Rivers 1 July 22 – 30 June 23 (megalitres)**

| Month                   | Number of days that tributary inflow would result in up to 100 ML/day at Mungindi | Number of days that tributary inflow resulted in up to 100 ML/day at Mungindi |
|-------------------------|---|---|
| 1 July – 30 September   | 30  | 30  |
| 1 October – 31 December | 92  | 92  |
| 1 January – 31 March    | 90  | 90  |
| 1 April – 30 June       | N/A   | N/A   |
| <b>Totals</b>           | <b>212</b>  | <b>212</b>  |

(1) Reporting is in accordance with the NSW-Qld Border Rivers Intergovernmental Agreement 2008 Clause 32 Access Arrangements.

**Table 9 - Groundwater allocation/entitlements in the Border Rivers Groundwater Area**

| Type                               | NSW <sup>(1)</sup><br>(megalitres) | QLD<br>(megalitres)   |
|------------------------------------|------------------------------------|-----------------------|
| Issued allocation/entitlement      | 15,402                             | 14,421 <sup>(2)</sup> |
| Number of entitlements             | 28                                 | 31                    |
| Number of bores constructed        | 52                                 | 45 <sup>(3)</sup>     |
| Number of applications outstanding | 0                                  | 0                     |

- (1) The figures provided for NSW are for the area defined as the NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source
- (2) The Queensland figures do not include the allocation issued in the shallow aquifer, which is about 3,500 ML
- (3) Eight of the forty-five bores constructed are not equipped
- (4) Note: on the 1 June 2012 the "Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources (the plan)" commenced.

In the plan, the area of the NSW alluvium that is part of the NSW/QLD Border Rivers Commission agreement is the NSW Border Rivers Upstream of Keetah Bridge Alluvial Groundwater Source.

The commencement of the plan turns on the Water Management Act 2000 in the area of the plan. This Act allows for trading of unit shares. You do not have to own land to own water. The number aquifer access licences can grow (if holders split share holdings) or reduce (if holders amalgamate share holdings), and the number of extraction points (bores) can also grow or reduce. The total number of shares will remain the same, and usage will be restricted to the long-term average extraction limit.

As of 27 July 2023 the following statistics are in place:

| Description   | Value                 |
|---|-----------------------|
| Total amount of Local Water Utility Access ML                           | 10                    |
| Total number of Local Water Utility Access extraction points            | 1                     |
| Total number of Aquifer Access Licence unit shares                      | 15,392 <sup>(5)</sup> |
| Long term average extraction limit ML                                   | 8,085                 |
| Total number of Aquifer Access Licences                                 | 27                    |
| Total number of Aquifer Access Licence extraction points completed      | 51                    |
| Total number of Aquifer Access Licences extraction points not completed | 7                     |

- (5) At the commencement of the plan the available water determination is one megalitre (ML) per unit share

**Table 10 - Groundwater use in the Border Rivers Groundwater Area (megalitres)**

| 1 July 22 – 30 June 23<br>NSW | 1 July 22 – 30 June 23<br>QLD |
|-------------------------------|-------------------------------|
| 3,367                         | 3,913,                        |

## Resource Management

**Table 11 - Border River and Intersecting Streams water quality guidelines and targets**

The collection of the water quality samples is funded through the Commission, for and on behalf of the States of Queensland and New South Wales. Relevant government agencies are responsible for undertaking any subsequent appropriate actions.

**Table 11A – Salinity: ANZECC 2000 Guideline for salt sensitive crops**

|                        |
|------------------------|
| <b>Guideline value</b> |
| <b>650 us/cm</b>       |

- (1) A preliminary water salinity rating can be assigned to irrigation waters based on electrical conductivity. These ratings provide only a general guide and are not intended to be used on their own to define the suitability of irrigation water. Other factors such as soil characteristics, climate, plant species and irrigation management, must be considered.

**Table 11B – Salinity: Murray-Darling Basin Authority (MDBA) End of Valley Target (EVT)**

| Valley                   | Site Number | Site Name                        | EVT Median 50%ile (us/cm) | EVT Peak 80%ile (us/cm) | EVT Salt Load (t/year) |
|--------------------------|-------------|----------------------------------|---------------------------|-------------------------|------------------------|
| <b>NSW Border Rivers</b> | 416001      | Macintyre R. at Mungindi         | 250                       | 330                     | 50,000                 |
| <b>Condamine Balonne</b> | 422015      | Culgoa River at Brenda           | 170                       | 210                     | 29,000                 |
| <b>Condamine Balonne</b> | 422030      | Narran R. at New Angledool       | 160                       | 210                     | 10,000                 |
| <b>Warrego</b>           | 423004      | Warrego River at Barrington No.2 | 101                       | 110                     | 4,800                  |

**Table 11C – Applicable Basin Target Water Quality Zones for Border Rivers and Intersecting Streams Water Quality Projects**

| Basin Plan Water Quality Zone <sup>1</sup>         | Turbidity (NTU) | Total Phosphorus (µg/L) | Total Nitrogen (µg/L) | Dissolved Oxygen (%sat) | pH       |
|--|-----------------|-------------------------|-----------------------|-------------------------|----------|
| <b>A1 – Condamine, Paroo, Warrego (Lowland)</b>    | 700             | 300                     | 1,000                 | 60-110                  | 6.5-8.0  |
| <b>A2 – Border Rivers, Gwydir, Namoi (Lowland)</b> | 200             | 200                     | 1,000                 | 65-110                  | 7.0-8.30 |
| <b>B2 – Border Rivers, Gwydir, Namoi (Upland)</b>  | 30              | 80                      | 750                   | 60-110                  | 7.5-8.5  |
| <b>C2 - Border Rivers, Gwydir, Namoi (Montane)</b> | 25              | 20                      | 250                   | 90-110                  | 6.5-7.5  |

- (1) Murray-Darling Basin Authority n.d., 'Maps and spatial data – Water Quality zones', Australian Government, viewed 3 August 2020, <<https://data.gov.au/data/dataset/34c88299-d0f4-4f83-9f8d-270c77e36ee2/resource/47b49404-f9f0-4916-a7a6-7e5bc47fcdda/download/water-quality-zones.pdf>>
- (2) The Basin Plan water-dependent ecosystem targets for turbidity, total phosphorus, total nitrogen, dissolved oxygen, and pH were developed following the methods outlined in the ANZECC Guidelines 2000.
- (3) Where there are no reference sites, the appropriate trigger value from the ANZECC Guidelines (2000) for slightly to moderately disturbed systems are used as the Basin Plan water quality target.

**Table 12 - Summary of water quality 2022-2023**

| Basin                | Site no | Location                             | Electrical Conductivity<br>[Number of samples] | Electrical Conductivity<br>mS/cm [10th %ile] | Electrical Conductivity<br>mS/cm [Med] | Electrical Conductivity<br>mS/cm [90th] | Total Phosphorus<br>[Number of samples] | Total Phosphorus<br>mg/L [10th %ile] | Total Phosphorus<br>mg/L [Med] | Total Phosphorus<br>mg/L [90th] | Total Nitrogen<br>[Number of samples] | Total Nitrogen<br>(mg/L) [10th %ile] | Total Nitrogen<br>(mg/L) [Med] | Total Nitrogen<br>(mg/L) [90th] | Turbidity<br>[Number of samples] | Turbidity<br>(NTU) [10th %ile] | Turbidity<br>(NTU) [Med] | Turbidity<br>(NTU) [90th] |
|----------------------|---------|--------------------------------------|--|--|--|---|---|--------------------------------------|--------------------------------|---------------------------------|---------------------------------------|--------------------------------------|--------------------------------|---------------------------------|----------------------------------|--------------------------------|--------------------------|---------------------------|
| Dumaresq Tributaries | 416003  | Tenterfield Creek at Clifton         | 12   | 191  | 346                                    | 424                                     | 12                                      | 0.04                                 | 0.06                           | 0.10                            | 12                                    | 0.60                                 | 0.70                           | 1.08                            | 12                               | 2.69                           | 9.50                     | 22.77                     |
| Dumaresq Tributaries | 416310  | Severn River at Farnbro              | 12   | 162  | 179                                    | 207                                     | 12                                      | 0.04                                 | 0.06                           | 0.09                            | 12                                    | 0.61                                 | 0.80                           | 1.09                            | 12                               | 6.37                           | 10.05                    | 17.43                     |
| Dumaresq Tributaries | 416303  | Pike Creek U/S Glenlyon Dam          | 12   | 210  | 229                                    | 268                                     | 12                                      | 0.03                                 | 0.06                           | 0.22                            | 12                                    | 0.60                                 | 1.00                           | 2.18                            | 12                               | 4.82                           | 17.70                    | 45.21                     |
| Dumaresq Tributaries | 416309  | Pike Creek at Glenlyon Dam Tailwater | 12   | 164  | 188                                    | 403                                     | 12                                      | 0.02                                 | 0.04                           | 0.07                            | 12                                    | 0.41                                 | 0.75                           | 0.90                            | 12                               | 2.0                            | 5.8                      | 12.8                      |
| Dumaresq Tributaries | 416032  | Mole River at Donaldson              | 12   | 140  | 254                                    | 328                                     | 12                                      | 0.03                                 | 0.04                           | 0.06                            | 12                                    | 0.30                                 | 0.45                           | 0.70                            | 12                               | 6.2                            | 11.2                     | 20.0                      |
| Dumaresq Tributaries | 416008  | Beardy River at Haystack             | 12   | 123  | 270                                    | 341                                     | 12                                      | 0.03                                 | 0.04                           | 0.11                            | 12                                    | 0.20                                 | 0.40                           | 1.09                            | 12                               | 3.0                            | 5.3                      | 34.7                      |
| Dumaresq Tributaries | 416312  | Oaky Creek at Texas                  | 12   | 382  | 488                                    | 539                                     | 12                                      | 0.03                                 | 0.06                           | 0.11                            | 12                                    | 0.30                                 | 0.40                           | 1.16                            | 12                               | 17.0                           | 21.6                     | 47.9                      |
| Dumaresq Tributaries | 416415  | Macintyre Brook at Booba Sands       | 12   | 242  | 332                                    | 490                                     | 12                                      | 0.08                                 | 0.12                           | 0.18                            | 12                                    | 1.10                                 | 1.25                           | 1.58                            | 12                               | 28.4                           | 53.5                     | 84.0                      |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

|                             |              |                                   |    |     |     |     |    |      |      |      |    |      |      |      |    |       |       |        |
|-----------------------------|--------------|-----------------------------------|----|-----|-----|-----|----|------|------|------|----|------|------|------|----|-------|-------|--------|
| <b>Dumaresq River</b>       | 416007       | Macintyre River at Bonshaw Weir   | 12 | 154 | 226 | 274 | 12 | 0.04 | 0.05 | 0.07 | 12 | 0.61 | 0.90 | 1.09 | 12 | 6.4   | 10.5  | 30.4   |
| <b>Dumaresq River</b>       | 416049       | Macintyre River at Glenarbon Weir | 12 | 170 | 268 | 332 | 12 | 0.04 | 0.07 | 0.09 | 12 | 0.71 | 0.90 | 1.09 | 12 | 9.8   | 14.0  | 43.4   |
| <b>Macintyre River</b>      | 416012       | Macintyre River at Holdfast       | 12 | 205 | 398 | 529 | 12 | 0.13 | 0.19 | 0.30 | 12 | 0.61 | 0.90 | 1.30 | 12 | 13.8  | 31.2  | 116.6  |
| <b>Macintyre River</b>      | 416100<br>44 | Salisbury Bridge (Boggabilla)     | 12 | 188 | 302 | 389 | 12 | 0.08 | 0.13 | 0.21 | 12 | 0.61 | 0.85 | 1.29 | 12 | 18.1  | 28.3  | 88.6   |
| <b>Macintyre River</b>      | 416048       | Macintyre River at Kanowna        | 10 | 254 | 281 | 343 | 10 | 0.11 | 0.17 | 0.20 | 10 | 0.89 | 0.90 | 1.24 | 10 | 66.4  | 116.5 | 163.8  |
| <b>Barwon River</b>         | 416001       | Barwon River at Mungindi          | 11 | 231 | 298 | 406 | 11 | 0.10 | 0.14 | 0.20 | 11 | 0.90 | 0.90 | 1.30 | 11 | 75.0  | 102.0 | 134.0  |
| <b>Weir River</b>           | 416202       | Weir River at Talwood             | 11 | 178 | 217 | 297 | 11 | 0.15 | 0.28 | 0.39 | 11 | 1.40 | 1.80 | 3.40 | 11 | 103.0 | 346.0 | 551.0  |
| <b>Intersecting Streams</b> | 424002       | Paroo at Willara crossing         | 10 | 62  | 78  | 212 | 10 | 0.27 | 0.37 | 0.49 | 10 | 0.89 | 1.45 | 2.64 | 9  | 201.6 | 518.0 | 680.0  |
| <b>Intersecting Streams</b> | 423002       | Warrego River at Fords Bridge     | 10 | 85  | 119 | 238 | 10 | 0.33 | 0.69 | 0.94 | 10 | 0.98 | 1.70 | 2.62 | 8  | 504.6 | 836.0 | 1273.0 |
| <b>Intersecting Streams</b> | 422015       | Culgoa River at Brenda            | 5  | 310 | 349 | 427 | 6  | 0.15 | 0.34 | 0.46 | 6  | 1.25 | 1.75 | 2.25 | 6  | 123.5 | 347.5 | 472.0  |
| <b>Intersecting Streams</b> | 422014       | Bokhara River at Goodooga         | 10 | 222 | 289 | 468 | 10 | 0.15 | 0.38 | 0.49 | 10 | 1.19 | 1.40 | 2.18 | 10 | 61.3  | 357.0 | 555.0  |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

|                             |        |                               |    |        |       |        |    |      |      |      |    |      |      |      |    |       |       |       |
|-----------------------------|--------|-------------------------------|----|--------|-------|--------|----|------|------|------|----|------|------|------|----|-------|-------|-------|
| <b>Intersecting Streams</b> | 422013 | Birrie River near Goodooga    | 8  | 221    | 265   | 443    | 8  | 0.36 | 0.40 | 0.52 | 8  | 1.37 | 1.85 | 2.50 | 8  | 253.5 | 390.5 | 629.3 |
| <b>Intersecting Streams</b> | 422012 | Narran River at New Angledool | 9  | 185    | 278   | 308    | 10 | 0.21 | 0.39 | 0.46 | 10 | 1.08 | 1.45 | 2.11 | 10 | 199.9 | 316.0 | 555.6 |
| <b>Glenlyon Dam</b>         | 416315 | Glenlyon 1: Top               | 10 | 159.39 | 182.9 | 192.3  | 10 | 0.02 | 0.04 | 0.06 | 10 | 0.89 | 1.15 | 1.42 | 10 | 2.8   | 4.3   | 7.5   |
| <b>Glenlyon Dam</b>         | 416315 | Glenlyon 1: Middle            | 10 | 159.56 | 178.3 | 183.96 | 10 | 0.02 | 0.04 | 0.05 | 10 | 0.88 | 1.00 | 1.14 | 10 | 3.3   | 5.2   | 7.5   |
| <b>Glenlyon Dam</b>         | 416315 | Glenlyon 1: Bottom            | 10 | 160.16 | 172.7 | 178    | 10 | 0.04 | 0.05 | 0.06 | 10 | 0.87 | 1.00 | 1.22 | 10 | 6.7   | 7.4   | 8.7   |

(1) The table provides information on the median value (middle value), the 10th percentile (10% of the samples are below this value) and the 90th percentile (90% of the samples are below this value; v.v. 10% of the samples are greater than this value).

**Table 13 - Stream gauging stations (Border Rivers)**

| AWRC No | Stream            | Station      | Equipment (see note) | Telemetry | Established date | Owned by  | 2022-23 Total Flow (MLx103) | Historical Min (MLx103) | Historical Min (Date) | Historical Max (MLx103) | Historical Max (Date) | Historical Median (MLx103) |
|---------|-------------------|--------------|----------------------|-----------|------------------|-----------|-----------------------------|-------------------------|-----------------------|-------------------------|-----------------------|----------------------------|
| 416001  | Barwon River      | Mungindi     | AR                   | Yes       | 1889             | Water NSW | 1305                        | 7                       | (2018-19)             | 3,131                   | (1950-51)             | 408                        |
| 416002  | Macintyre River   | Boggabilla   | AR                   | Yes       | 1895             | Water NSW | 1973                        | 29                      | (1919-20)             | 4,510                   | (1950-51)             | 609                        |
| 416003  | Tenterfield Creek | Clifton      | AR                   | Yes       | 1921             | Water NSW | 59                          | 0.4                     | (2018-19)             | 235                     | (1949-50)             | 36                         |
| 416006  | Severn River      | Ashford      | AR                   | Yes       | 1934             | Water NSW | 535                         | 16.6                    | (2019-20)             | 1,389                   | (1950-51)             | 182                        |
| 416007  | Dumaresq River    | Bonshaw Weir | AR                   | Yes       | 1934             | Water NSW | 686                         | 54                      | (1993-94)             | 1,923                   | (2021-22)             | 208                        |
| 416008  | Beardy River      | Haystack     | AR                   | Yes       | 1934             | Water NSW | 104                         | 0.2                     | (2018-19)             | 293                     | (2010-11)             | 29                         |
| 416010  | Macintyre River   | Wallangra    | AR                   | Yes       | 1937             | Water NSW | 280                         | 3.4                     | (2018-19)             | 667                     | (1970-71)             | 75                         |
| 416011  | Dumaresq River    | Roseneath    | AR                   | Yes       | 1937             | Water NSW | 491                         | 36                      | (1993-94)             | 1,603                   | (1955-56)             | 273                        |
| 416012  | Macintyre River   | Holdfast     | AR                   | Yes       | 1951             | Water NSW | 972                         | 31                      | (2019-20)             | 1,682                   | (1955-56)             | 275                        |
| 416020  | Ottleys Creek     | Coolatai     | AR                   | Yes       | 1967             | Water NSW | 37                          | 0.7                     | (2006-07)             | 65                      | (2000-01)             | 8                          |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| AWRC No | Stream          | Station                | Equipment (see note) | Telemetry | Established date | Owned by  | 2022-23 Total Flow (MLx103) | Historical Min (MLx103) | Historical Min (Date) | Historical Max (MLx103) | Historical Max (Date) | Historical Median (MLx103) |
|---------|-----------------|------------------------|----------------------|-----------|------------------|-----------|-----------------------------|-------------------------|-----------------------|-------------------------|-----------------------|----------------------------|
| 416032  | Mole River      | Donaldson              | AR                   | Yes       | 1969             | Water NSW | 197                         | 0                       | (2018-19)             | 475                     | (2021-22)             | 71                         |
| 416037  | Boomi River     | Offtake                | AR                   | Yes       | 1973             | Water NSW | 150                         | 3                       | (1994-95)             | 284                     | (2021-22)             | 29                         |
| 416040  | Dumaresq River  | Glenarbon Weir         | AR                   | Yes       | 1996             | Water NSW | 770                         | 63                      | (2017-18)             | 2,016                   | (2021-22)             | 190                        |
| 416043  | Macintyre River | Boomi Weir             | AR                   | Yes       | 1976             | Water NSW | 460                         | 21                      | (1994-95)             | 786                     | (2021-22)             | 154                        |
| 416047  | Macintyre River | Terrewah               | AR                   | Yes       | 1985             | Water NSW | 1,002                       | 31                      | (1994-95)             | 1870                    | (2021-22)             | 243                        |
| 416048  | Macintyre River | Kanowna                | AR                   | Yes       | 1988             | Water NSW | 548                         | 25                      | (1994-95)             | 967                     | (2021-22)             | 140                        |
| 416201A | Macintyre River | Goondiwindi            | AR                   | Yes       | 1950             | DRDMW     | 2,092                       | 61                      | (1994-95)             | 4,616                   | (1950-51)             | 686                        |
| 416201B | Macintyre River | Goondiwindi Weir       | AR                   | Yes       | 1997             | DRDMW     | 1,767                       | 158                     | (2006-07)             | 3,034                   | (2022-23)             | 279                        |
| 416202A | Weir River      | Talwood                | AR                   | Yes       | 1949             | DRDMW     | 280                         | 0                       | (2006-07)             | 687                     | (1995-96)             | 61                         |
| 416305B | Brush Creek     | Beebo                  | AR                   | Yes       | 1950             | DRDMW     | 11                          | 0                       | (Several)             | 55                      | (1995-96)             | 2.4                        |
| 416309B | Pike Creek      | Glenlyon Dam Tailwater | AR                   | Yes       | 1973             | DRDMW     | 101                         | 4                       | (1976-77)             | 307                     | (2022-23)             | 49                         |
| 416310A | Dumaresq River  | Farnbro                | AR                   | Yes       | 1962             | DRDMW     | 89                          | 0                       | (2018-19)             | 433                     | (2010-11)             | 50                         |



Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| AWRC No | Stream          | Station                | Equipment (see note) | Telemetry | Established date | Owned by | 2022-23 Total Flow (MLx103) | Historical Min (MLx103) | Historical Min (Date) | Historical Max (MLx103) | Historical Max (Date) | Historical Median (MLx103) |
|---------|-----------------|------------------------|----------------------|-----------|------------------|----------|-----------------------------|-------------------------|-----------------------|-------------------------|-----------------------|----------------------------|
| 416312A | Oakey Creek     | Texas                  | AR                   | Yes       | 1969             | DRDMW    | 23                          | 0                       | (2018-19)             | 99                      | (1995-96)             | 6                          |
| 416315A | Pike Creek      | Glenlyon Dam Headwater | AR                   | Yes       | 1977             | DRDMW    | 103                         | 0                       | (Several)             | 204                     | 2022-23               | 0                          |
| 416402C | Macintyre Brook | Inglewood              | AR                   | Yes       | 1953             | DRDMW    | 168                         | 6                       | (1994-95)             | 542                     | (1995-96)             | 36                         |
| 416415A | Macintyre Brook | Booba Sands            | AR                   | Yes       | 1987             | DRDMW    | 193                         | 4                       | (1994-95)             | 630                     | (1995-96)             | 32                         |

(1) AR = automatic recorder; SG = staff gauge, Established date = commencement date of Hydstra data records

**Table 14 - Stream gauging stations (Intersecting Streams)**

| AWRC No | Stream        | Station                               | Equipment<br>(see note) | Telemetry | Established date | Owned by     | 2022-23<br>Total Flow<br>(MLx103) | Historical Min<br>(MLx103) | Historical Min<br>(Date) | Historical Max<br>(MLx103) | Historical Max<br>(Date) | Historical Median<br>(MLx103) |
|---------|---------------|---------------------------------------|-------------------------|-----------|------------------|--------------|-----------------------------------|----------------------------|--------------------------|----------------------------|--------------------------|-------------------------------|
| 417001  | Moonie River  | Gundablouie                           | AR                      | Yes       | 1945             | Water<br>NSW | 183                               | 0                          | (2018-19)                | 674                        | (2011-12)                | 67                            |
| 417204A | Moonie River  | Fenton                                | AR                      | Yes       | 1971             | DRDMW        | 207                               | 0                          | (2018-19)                | 670                        | (1975-76)                | 71                            |
| 422005  | Bokhara River | Goodwin's                             | AR                      | Yes       | 1944             | Water<br>NSW | 127                               | 0                          | (Several)                | 652                        | (1955-56)                | 20                            |
| 422006  | Culgoa River  | Downstream<br>Collerina<br>(Kenebree) | AR                      | Yes       | 1944             | Water<br>NSW | 1,103                             | 6                          | (2018-19)                | 2,341                      | (1989-90)                | 280                           |
| 422010  | Birrie River  | Talawanta                             | AR                      | Yes       | 1964             | Water<br>NSW | 157                               | 0                          | (Several)                | 381                        | (1983-84)                | 25                            |
| 422011  | Culgoa River  | Upstream<br>Collerina<br>(Mundiwa)    | AR                      | Yes       | 1964             | Water<br>NSW | 739                               | 6                          | (2001-02)                | 1,898                      | (2010-11)                | 160                           |
| 422030  | Narran River  | Angledool #2                          | AR                      | Yes       | 1959             | Water<br>NSW | 352                               | 0                          | (Several)                | 697                        | (2021-22)                | 107                           |
| 422013  | Birrie River  | Near Goodooga                         | AR                      | Yes       | 1964             | Water<br>NSW | 197                               | 0                          | (Several)                | 510                        | (2010-11)                | 29                            |
| 422032  | Bokhara River | Goodooga                              | AR                      | Yes       | 1915             | Water<br>NSW | 128                               | 0                          | (Several)                | 445                        | (2010-11)                | 14                            |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| AWRC No | Stream           | Station                    | Equipment<br>(see note) | Telemetry | Established date | Owned by     | 2022-23<br>Total Flow<br>(MLx103) | Historical Min<br>(MLx103) | Historical Min<br>(Date) | Historical Max<br>(MLx103) | Historical Max<br>(Date) | Historical Median<br>(MLx103) |
|---------|------------------|----------------------------|-------------------------|-----------|------------------|--------------|-----------------------------------|----------------------------|--------------------------|----------------------------|--------------------------|-------------------------------|
| 422015  | Culgoa River     | Brenda                     | AR                      | Yes       | 1960             | Water<br>NSW | 1,029                             | 0                          | (1992-93)                | 2,530                      | (2010-11)                | 146                           |
| 422016  | Narran River     | Wilby Wilby                | AR                      | Yes       | 1964             | Water<br>NSW | 378                               | 0                          | (Several)                | 715                        | (2021-22)                | 95                            |
| 422017  | Culgoa River     | Weilmoringle               | AR                      | Yes       | 1964             | Water<br>NSW | 813                               | 0                          | (1992-93)                | 1,889                      | (2010-11)                | 128                           |
| 422204A | Culgoa River     | Whyenbah                   | AR                      | Yes       | 1965             | DRDMW        | 748                               | 2.7                        | (1992-93)                | 2,247                      | (2010-11)                | 320                           |
| 422206A | Narran River     | Dirranbandi-<br>Hebel Road | AR                      | Yes       | 1965             | DRDMW        | 401                               | 0.2                        | (1992-93)                | 1,993                      | (2010-11)                | 102                           |
| 422207A | Ballandool River | Hebel-Bollon<br>Road       | AR                      | Yes       | 1965             | DRDMW        | 59                                | 0                          | (1992-93)                | 390                        | (2010-11)                | 15                            |
| 422209A | Bokhara River    | Hebel                      | AR                      | Yes       | 1967             | DRDMW        | 103                               | 0.5                        | (1992-93)                | 374                        | (2010-11)                | 20                            |
| 422211A | Briarie Creek    | Woolerbilla-<br>Hebel Road | AR                      | Yes       | 1992             | DRDMW        | 260                               | 0                          | (Several)                | 953                        | (2010-11)                | 7                             |
| 423001  | Warrego River    | Fords Bridge               | AR                      | Yes       | 1921             | Water<br>NSW | 14                                | 0                          | (Several)                | 372                        | (1975-76)                | 7                             |
| 423002  | Warrego River    | Fords Bridge<br>(Bywash)   | AR                      | Yes       | 1921             | Water<br>NSW | 46                                | 0                          | (1957-58)                | 229                        | (1955-56)                | 42                            |
| 423202C | Warrego River    | Cunnamulla<br>Weir         | AR                      | Yes       | 1992             | DRDMW        | 163                               | 0                          | (2013-14)                | 1,832                      | (2009-10)                | 150                           |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| AWRC No        | Stream       | Station          | Equipment<br>(see note) | Telemetry | Established date | Owned by     | 2022-23<br>Total Flow<br>(MLx103) | Historical Min<br>(MLx103) | Historical Min<br>(Date) | Historical Max<br>(MLx103) | Historical Max<br>(Date) | Historical Median<br>(MLx103) |
|----------------|--------------|------------------|-------------------------|-----------|------------------|--------------|-----------------------------------|----------------------------|--------------------------|----------------------------|--------------------------|-------------------------------|
| <b>424002</b>  | Paroo River  | Willara Crossing | AR                      | Yes       | 1975             | Water<br>NSW | 310                               | 8                          | (2012-13)                | 1,418                      | (1975-76)                | 173                           |
| <b>424201A</b> | Paroo River  | Caiwarro         | AR                      | Yes       | 1967             | DRDMW        | 529                               | 13                         | (2012-13)                | 2,041                      | (2009-10)                | 291                           |
| <b>11202</b>   | Bulloo River | Autumnvale       | AR                      | Yes       | 1967             | DRDMW        | 630                               | 19                         | (1976-77)                | 3,241                      | (1973-74)                | 396                           |

(2) AR = automatic recorder; SG = staff gauge, Established date = commencement date of Hydstra data records

**Table 15 - Groundwater monitoring network**

| Bore number | Location        | State | Piezometer | Depth (m) | Automatic WL Recorder (Yes/No) | Year Installed | Depth to WL 2022-23 Max (m) | Depth to WL 2022-23 Min (m) |
|-------------|-----------------|-------|------------|-----------|--------------------------------|----------------|-----------------------------|-----------------------------|
| 41640001    | Keetah Crossing | QLD   | A          | 87.3      | No                             | 1985           | -5.48                       | -4.69                       |
| 41640001    | Keetah Crossing | QLD   | B          | 46.8      | No                             | 1985           | -6.76                       | -5.71                       |
| 41640002    | Keetah Crossing | QLD   | A          | 17.8      | No                             | 1985           | #N/A                        | #N/A                        |
| 41640003    | Yelarbon Desert | QLD   | A          | 92.4      | No                             | 1985           | -4.52                       | -3.93                       |
| 41640003    | Yelarbon Desert | QLD   | B          | 47.9      | No                             | 1985           | -6.6                        | -6.12                       |
| 41630128    | Glenarbon       | QLD   | A          | 93        | No                             | 1996           | -36.24                      | -24.1                       |
| 41630042    | David Muggleton | QLD   | A          | 13.3      | No                             | 1959           | -7.09                       | -7                          |
| 41630039    | 'Eldorado'      | QLD   | A          | 16.7      | No                             | 1959           | #N/A                        | #N/A                        |
| 41630072    | Cunningham Weir | QLD   | A          | 90.4      | Yes                            | 1985           | -36.87                      | -34.15                      |
| 41630072    | Cunningham Weir | QLD   | B          | 41.4      | Yes                            | 1985           | N.O.N.                      | N.O.N.                      |
| 41630072    | Cunningham Weir | QLD   | C          | 10.4      | Yes                            | 1985           | -6.04                       | -5.35                       |
| 41630064    | Texas           | QLD   | A          | 52.5      | No                             | 1985           | -27.78                      | -20.14                      |
| 41630064    | Texas           | QLD   | B          | 28.5      | No                             | 1985           | -18.43                      | -17.17                      |
| 41630066    | Bill & Tater    | QLD   | A          | 90.4      | Yes                            | 1985           | -34.94                      | -22.83                      |
| 41630066    | Bill & Tater    | QLD   | B          | 45.9      | Yes                            | 1985           | -30.62                      | -24.63                      |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| Bore number | Location        | State | Piezometer | Depth (m) | Automatic WL Recorder (Yes/No) | Year Installed | Depth to WL 2022-23 Max (m) | Depth to WL 2022-23 Min (m) |
|-------------|-----------------|-------|------------|-----------|--------------------------------|----------------|-----------------------------|-----------------------------|
| 41630067    | Bill & Tater    | QLD   | A          | 12.2      | Yes                            | 1985           | -8.48                       | -4.37                       |
| 41630063    | Finlay's        | QLD   | A          | 100.6     | No                             | 1983           | -5.08                       | -4.31                       |
| 41630063    | Finlay's        | QLD   | B          | 64.6      | No                             | 1983           | -5.01                       | -3.09                       |
| 41630062    | Finlay's        | QLD   | A          | 17.4      | No                             | 1985           | N.O.N.                      | N.O.N.                      |
| 41630071    | Finlay's        | QLD   | A          | 48.2      | No                             | 1985           | -3.96                       | -3.95                       |
| 41630071    | Finlay's        | QLD   | B          | 41.2      | No                             | 1985           | -5.69                       | -4.9                        |
| 41630059    | John Moore      | QLD   | A          | 101.7     | No                             | 1985           | -16.85                      | -5.54                       |
| 41630069    | John Moore      | QLD   | A          | 92        | No                             | 1985           | -12.1                       | -5.06                       |
| 41630069    | John Moore      | QLD   | B          | 35.9      | No                             | 1985           | -6.96                       | -4.69                       |
| 41630069    | John Moore      | QLD   | C          | 15.4      | No                             | 1985           | -8.01                       | -8.01                       |
| 41630060    | John Moore      | QLD   | A          | 12.1      | No                             | 1985           | -6.06                       | -6                          |
| 41630058    | John Moore      | QLD   | A          | 10.6      | No                             | 1985           | -5.11                       | -2.74                       |
| 41630070    | Phillip Harpham | QLD   | A          | 9.2       | No                             | 1985           | -11.91                      | -10.23                      |
| 41630004    | V and E Sattolo | QLD   | A          | 11.8      | No                             | 1960           | -13.76                      | -8.55                       |
| 41630097    | V and E Sattolo | QLD   | A          | 29.5      | Yes                            | 2020           | -9.6                        | -7.21                       |
| 41630098    | V and E Sattolo | QLD   | A          | 22.79     | Yes                            | 2020           | N.O.N.                      | N.O.N.                      |
| 41630003    | V and E Sattolo | QLD   | A          | 27.1      | No                             | 1961           | -7.12                       | -7.08                       |
| 41630002    | V and E Sattolo | QLD   | A          | 29.9      | No                             | 1961           | -8.93                       | -8.88                       |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| Bore number                 | Location           | State | Piezometer | Depth (m) | Automatic WL Recorder (Yes/No) | Year Installed | Depth to WL 2022-23 Max (m) | Depth to WL 2022-23 Min (m) |
|-----------------------------|--------------------|-------|------------|-----------|--------------------------------|----------------|-----------------------------|-----------------------------|
| <b>GW036697</b>   41640041A | Keetah Bridge      | NSW   | 1          | 20        | Yes                            | 1987           | -7.08                       | -7.04                       |
| <b>GW036697</b>   41640042A | Keetah Bridge      | NSW   | 2          | 64        | Yes                            | 1987           | -5.44                       | -4.73                       |
| <b>GW036697</b>   41640043A | Keetah Bridge      | NSW   | 3          | 83.5      | Yes                            | 1987           | -7.96                       | -5.42                       |
| <b>GW093060</b>   41630109A | Smithfield Section | NSW   | 1          | 13.4      | No                             | 2009           | -9.49                       | -6.62                       |
| <b>GW093061</b>   41630110A | Smithfield Section | NSW   | 1          | 15.1      | No                             | 2009           | -19.83                      | -18.77                      |
| <b>GW093061</b>   41630111A | Smithfield Section | NSW   | 2          | 25.3      | No                             | 2009           | -8.53                       | -5.67                       |
| <b>GW040635</b>   41630037A | Smithfield Section | NSW   | 1          | 15.9      | No                             | 1960           | -6.62                       | -4.48                       |
| <b>GW040636</b>   41630036A | Smithfield Section | NSW   | 1          | 11.3      | No                             | 1960           | -6.14                       | -4.39                       |
| <b>GW040637</b>   41630035A | Smithfield Section | NSW   | 1          | 7.9       | No                             | 1960           | -8.18                       | -7.83                       |
| <b>GW040638</b>   41630034A | Smithfield Section | NSW   | 1          | 11.9      | No                             | 1960           | -8.9                        | -6.15                       |
| <b>GW093062</b>   41630113A | Smithfield Section | NSW   | 1          | 15.6      | No                             | 2009           | -29.5                       | -29.33                      |
| <b>GW40771</b>   41630114C  | Smithfield Section | NSW   | 1          | 30        | Yes                            | 1994           | -34.46                      | -33.82                      |

Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| Bore number          | Location           | State | Piezometer | Depth (m) | Automatic WL Recorder (Yes/No) | Year Installed | Depth to WL 2022-23 Max (m) | Depth to WL 2022-23 Min (m) |
|----------------------|--------------------|-------|------------|-----------|--------------------------------|----------------|-----------------------------|-----------------------------|
| GW40771   41630114B  | Smithfield Section | NSW   | 2          | 37        | Yes                            | 1994           | -38.49                      | -36.31                      |
| GW40771   41630114A  | Smithfield Section | NSW   | 3          | 50        | Yes                            | 1994           | -8.83                       | -6.98                       |
| GW040641   41630012A | Riverstone Section | NSW   | 1          | 35        | No                             | 1960           | -6.91                       | -5.58                       |
| GW040642   41630011A | Riverstone Section | NSW   | 1          | 9.7       | No                             | 1960           | -7.75                       | -7.16                       |
| GW040644   41630009A | Riverstone Section | NSW   | 1          | 9.5       | No                             | 1960           | -6.01                       | -4.49                       |
| GW040646   41630007A | Riverstone Section | NSW   | 1          | 7.7       | No                             | 1960           | -8.34                       | -6.73                       |
| GW040647   41630030A | Hopwood Section    | NSW   | 1          | 12.8      | No                             | 1959           | -7.66                       | -6.51                       |
| GW040648   41630029A | Hopwood Section    | NSW   | 1          | 11.2      | No                             | 1959           | -6.48                       | -5.65                       |
| GW040649   41630028A | Hopwood Section    | NSW   | 1          | 28.9      | No                             | 1959           | -6.98                       | -6.58                       |
| GW040650   41630027A | Hopwood Section    | NSW   | 1          | 12.6      | No                             | 1959           | -6.62                       | -5.67                       |
| GW040652   41630025A | Hopwood Section    | NSW   | 1          | 12.2      | No                             | 1959           | -6.35                       | -5.64                       |
| GW040653   41630024A | Hopwood Section    | NSW   | 1          | 10.9      | No                             | 1959           | -6.67                       | -5.67                       |



Dumaresq-Barwon Borders Rivers Commission – 2022-23 Annual Statistics

| Bore number                | Location        | State | Piezometer | Depth (m) | Automatic WL Recorder (Yes/No) | Year Installed | Depth to WL 2022-23 Max (m) | Depth to WL 2022-23 Min (m) |
|----------------------------|-----------------|-------|------------|-----------|--------------------------------|----------------|-----------------------------|-----------------------------|
| <b>GW93063</b>   41630101A | Lochiel Section | NSW   | 1          | 12        | No                             | 2009           | -8.28                       | -7.08                       |
| <b>GW93063</b>   41630102A | Lochiel Section | NSW   | 2          | 21.7      | No                             | 2009           | N.O.N.                      | N.O.N.                      |
| <b>GW93064</b>   41630103B | Lochiel Section | NSW   | 1          | 13.3      | No                             | 2009           | -8.28                       | -7.17                       |
| <b>GW93064</b>   41630103A | Lochiel Section | NSW   | 2          | 22.3      | No                             | 2009           | -6.32                       | -5.7                        |
| <b>GW93065</b>   41630104A | Lochiel Section | NSW   | 1          | 12.6      | No                             | 2009           | -6.51                       | -5.57                       |
| <b>GW93065</b>   41630105A | Lochiel Section | NSW   | 2          | 27        | No                             | 2009           | -8.01                       | -7.33                       |
| <b>GW40829</b>   41630106B | Lochiel Section | NSW   | 1          | 12        | No                             | 1996           | -8.07                       | -7.31                       |
| <b>GW40829</b>   41630106A | Lochiel Section | NSW   | 2          | 42        | No                             | 1996           | -7.59                       | -7.21                       |
| <b>GW40830</b>   41630107A | Lochiel Section | NSW   | 1          | 27        | No                             | 1996           | -39.51                      | -35.95                      |
| <b>GW40831</b>   41630108B | Lochiel Section | NSW   | 1          | 44        | Yes                            | 1996           | -38.3                       | -36.14                      |
| <b>GW40831</b>   41630108A | Lochiel Section | NSW   | 2          | 96        | Yes                            | 1996           | -8.28                       | -7.08                       |

(1) N.O.N. - not on network

(2) NSW bore numbers have been assigned Qld identifiers for entry into GWDB.