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| **Meteorological/dam operation data of Grahamstown (NSW)** | | | | | | |
| Data (unit) | Source | Timeframe | Minimum | Maximum | Average | Other information |
| Rainfall (mm) | BOM | 1942-2020 | 0 | 276 | 3.12 | Williamtown RAAF site |
| Evaporation (mm) | Hunter Water | 2010-2020 | 0 | 43 | 3.64 | NA |
| Water level (m) | Hunter Water | 2000-2020 | 8.95 | 13.12 | 11.30 | NA |
| Inflow (cms) | Hunter Water | 2000-2020 | 0 | 20.56 | 0.96 | NA |
| Outflow (cms) | Hunter Water | 2010-2020 | 0.19 | 123.48 | 2.74 | NA |

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| **Dissolved Oxygen, PH, Turbidity and Water Temperature (Epilimnion)** | | | | | | | | | | | | | | | | | | | | |  |
| Time | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| DJF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAM |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JJA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SON |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Total Phosphorous, Total Nitrogen, Total Oxidised Nitrogen and Chl-a (Epilimnion)** | | | | | | | | | | | | | | | | | | | | |  |
| Time | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| DJF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAM |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JJA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Conductivity, PH (Hypolimnion)** | | | | | | | | | | | | | | | | | | | | |  |
| Time | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| DJF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAM |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JJA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SON |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Turbidity, Water Temperature and Dissolved Oxygen (Hypolimnion)** | | | | | | | | | | | | | | | | | | | | |  |
| Time | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| DJF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAM |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JJA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SON |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Total Phosphorous, Total Nitrogen, Total Oxidised Nitrogen and Chl-a (Hypolimnion)** | | | | | | | | | | | | | | | | | | | | |  |
| Time | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| DJF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAM |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JJA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SON |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Note: DJF refers for Dec-Jan-Feb (Summer), MAM refers for Mar-Apt-May (Autumn), JJA refers to Jun-Jul-Aug (Winter), and SON refers to Sep-Oct-Nov (Spring)