

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017 / 2018

| VAAL BARRAGE @ 07h00 | | | 30 Dec Sat | 31 Dec Sun | 1 Jan Mon | 2 Jan Tue | 3 Jan Wed | 4 Jan Thu | 5 Jan Fri |
|---|--------------------|--------------------------------------|-----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Level (m) | | | 7.50 | 7.42 | 7.50 | 7.57 | 7.49 | 7.44 | 7.42 |
| Flow (m ³ /s) | | | 44.597 | 15.019 | 15.101 | 22.671 | 22.548 | 15.040 | 15.019 |
| Average flow day before (m ³ /s) | | | 32.755 | 27.814 | 14.427 | 17.962 | 21.669 | 16.284 | 15.400 |
| Minimum flow day before (m ³ /s) | | | 10.127 | 14.988 | 15.019 | 15.101 | 22.548 | 15.040 | 15.040 |
| Maximum flow day before (m ³ /s) | | | 44.845 | 44.534 | 15.101 | 22.687 | 22.671 | 22.548 | 15.019 |
| Rainfall day before (mm) | | | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Evaporation (mm) | | | 5.0 | 5.0 | 8.0 | 9.0 | 6.0 | 7.0 | 3.0 |
| Conductivity (mS/ml) | | | 69.2 | 71.1 | 72.2 | 72.6 | 71.4 | 71.3 | 72.2 |
| Lethabo river level (m) | | | 2.57 | 2.57 | 2.58 | 2.56 | 2.56 | 2.57 | 2.57 |
| No. of gates open | Inches open | Flow / gate (m³/s) | Temp (°C) | Date | Notes | | | | |
| 1 | 1x27" | 44.597 | 21.0 | 30 Dec | | | | | |
| 1 | 1x9" | 15.019 | 20.0 | 31 Dec | | | | | |
| 1 | 1x9" | 15.101 | 19.0 | 1 Jan | | | | | |
| 1 | 1x13.5" | 22.671 | 19.0 | 2 Jan | | | | | |
| 1 | 1x13.5" | 22.548 | 21.0 | 3 Jan | | | | | |
| 1 | 1x9" | 15.040 | 23.0 | 4 Jan | | | | | |
| 1 | 1x9" | 15.019 | 21.0 | 5 Jan | | | | | |

| VAAL DAM @ 06h00 | | | 30 Dec Sat | 31 Dec Sun | 1 Jan Mon | 2 Jan Tue | 3 Jan Wed | 4 Jan Thu | 5 Jan Fri |
|---|--|--|-----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Level (m) | | | 20.840 | 20.850 | 20.850 | 20.860 | 20.870 | 20.880 | 20.890 |
| Full (%) | | | 80.43 | 80.54 | 80.54 | 80.65 | 80.76 | 80.87 | 80.98 |
| Inflow (m ³ /s) | | | 60.70 | 115.30 | 67.30 | 85.30 | 107.20 | 87.90 | 75.10 |
| Discharge (m ³ /s) | | | 16.77 | 16.77 | 16.77 | 16.77 | 16.77 | 16.77 | 16.77 |
| Number of river valves open and % discharge | | | 1x100% 1x50% | 1x100% 1x50% | 1x100% 1x50% | 1x100% 1x50% | 1x100% 1x50% | 1x100% 1x50% | 1x100% 1x50% |
| Number of gates open | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Information supplied on behalf of Rand Water and the Department Water & Sanitation
Please Note: Not all abstraction and evaporation losses from Vaal Dam are reflected in the above data