

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2016

| VAAL BARRAGE @ 07h00 | | | 16 Jan Sat | 17 Jan Sun | 18 Jan Mon | 19 Jan Tue | 20 Jan Wed | 21 Jan Thu | 22 Jan Fri |
|---|--------------|---------------------------------|------------|------------|------------|------------|------------|------------|------------|
| Level (m) | | | 7.45 | 7.43 | 7.45 | 7.44 | 7.45 | 7.49 | 7.51 |
| Flow (m ³ /s) | | | 32.546 | 20.092 | 15.050 | 15.040 | 15.050 | 15.091 | 15.111 |
| Average flow day before (m ³ /s) | | | 28.427 | 19.473 | 15.254 | 15.050 | 15.047 | 15.071 | 15.099 |
| Minimum flow day before (m ³ /s) | | | 15.070 | 15.070 | 15.029 | 15.040 | 15.040 | 15.050 | 15.091 |
| Maximum flow day before (m ³ /s) | | | 32.588 | 20.092 | 15.050 | 15.060 | 15.050 | 15.091 | 15.111 |
| Rainfall day before (mm) | | | 18.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.4 |
| Evaporation (mm) | | | 9.0 | 4.0 | 5.0 | 4.0 | 4.0 | 3.0 | 2.4 |
| Conductivity (mS/ml) | | | 74.7 | 76.3 | 77.2 | 78.0 | 73.4 | 74.0 | 73.5 |
| Lethabo river level (m) | | | 2.54 | 2.54 | 2.53 | 2.52 | 2.52 | 2.55 | 2.54 |
| No. of gates open | Inches open | Flow / gate (m ³ /s) | Temp (°C) | Date | Notes | | | | |
| 2 | 1x6" 1x13.5" | 32.546 | 21.9 | 16 Jan | | | | | |
| 2 | 2x6" | 20.092 | 22.3 | 17 Jan | | | | | |
| 1 | 1x9" | 15.050 | 23.2 | 18 Jan | | | | | |
| 1 | 1x9" | 15.040 | 23.6 | 19 Jan | | | | | |
| 1 | 1x9" | 15.050 | 23.3 | 20 Jan | | | | | |
| 1 | 1x9" | 15.091 | 23.0 | 21 Jan | | | | | |
| 1 | 1x9" | 15.111 | 22.8 | 22 Jan | | | | | |

| VAAL DAM @ 06h00 | | | 16 Jan Sat | 17 Jan Sun | 18 Jan Mon | 19 Jan Tue | 20 Jan Wed | 21 Jan Thu | 22 Jan Fri |
|---|--|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Level (m) | | | 17.910 | 17.885 | 17.865 | 17.850 | 17.835 | 17.820 | 17.810 |
| Full (%) | | | 52.66 | 52.45 | 52.29 | 52.17 | 52.05 | 51.93 | 51.85 |
| Inflow (m ³ /s) | | | 37.19 | 36.39 | 31.88 | 29.40 | 27.50 | 29.50 | 30.10 |
| 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