

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

| VAAL BARRAGE @ 07h00 | | | 7 Dec Sat | 8 Dec Sun | 9 Dec Mon | 10 Dec Tue | 11 Dec Wed | 12 Dec Thu | 13 Dec Fri |
|---|---------------|---------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Level (m) | | | 7.53 | 7.50 | 7.60 | 7.53 | 7.54 | 7.63 | 7.40 |
| Flow (m ³ /s) | | | 44.69 | 44.597 | 44.907 | 59.822 | 112.067 | 157.763 | 132.852 |
| Average flow day before (m ³ /s) | | | 41.665 | 44.653 | 37.358 | 67.876 | 87.811 | 123.546 | 181.936 |
| Minimum flow day before (m ³ /s) | | | 30.029 | 44.597 | 15.081 | 44.907 | 67.300 | 111.990 | 132.852 |
| Maximum flow day before (m ³ /s) | | | 44.752 | 44.690 | 44.907 | 89.878 | 112.222 | 157.763 | 225.000 |
| Rainfall day before (mm) | | | 5.5 | 5.5 | 64.0 | 1.5 | 11.0 | 0.0 | 0.0 |
| Evaporation (mm) | | | 0.5 | 0.5 | 0.0 | 7.5 | 2.0 | 5.0 | 5.0 |
| Conductivity (mS/ml) | | | 90.2 | 91.4 | 89.4 | 85.8 | 88.6 | 100.0 | 80.6 |
| Lethabo river level (m) | | | 2.54 | 2.54 | 2.56 | 2.53 | 2.56 | 2.54 | 2.52 |
| No. of gates open | Inches open | Flow / gate (m ³ /s) | Temp (°C) | Date | Notes | | | | |
| 1 | 1X27" | 44.690 | 20.0 | 7 Dec | | | | | |
| 1 | 1X27" | 44.597 | 19.8 | 8 Dec | | | | | |
| 1 | 1X27" | 44.907 | 18.7 | 9 Dec | | | | | |
| 2 | 1X27"; 1X9" | 59.822 | 19.3 | 10 Dec | | | | | |
| 3 | 2X27"; 1X13½" | 112.067 | 19.5 | 11 Dec | | | | | |
| 4 | 3X27"; 1X13½" | 157.763 | 20.1 | 12 Dec | | | | | |
| 3 | 3X27" | 132.852 | 19.4 | 13 Dec | | | | | |

| VAAL DAM @ 06h00 | | 7 Dec Sat | 8 Dec Sun | 9 Dec Mon | 10 Dec Tue | 11 Dec Wed | 12 Dec Thu | 13 Dec Fri |
|---|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Level (m) | | 16.080 | 16.050 | 16.040 | 16.040 | 16.090 | 16.180 | 16.340 |
| Full (%) | | 39.31 | 39.12 | 39.05 | 39.05 | 39.37 | 39.96 | 41.03 |
| Inflow (m ³ /s) | | 2.41 | 2.52 | 3.74 | 228.79 | 211.29 | 229.00 | 217.47 |
| 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