

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

| VAAL BARRAGE @ 07h00 | | | 9 Feb Sat | 10 Feb Sun | 11 Feb Mon | 12 Feb Tue | 13 Feb Wed | 14 Feb Thu | 15 Feb Fri |
|---|-------------|---------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| Level (m) | | | 7.47 | 7.47 | 7.44 | 7.53 | 7.61 | 7.48 | 7.55 |
| Flow (m ³ /s) | | | 15.07 | 15.070 | 15.040 | 15.132 | 45.406 | 59.852 | 37.793 |
| Average flow day before (m ³ /s) | | | 15.070 | 15.070 | 15.057 | 14.864 | 39.125 | 60.106 | 38.628 |
| Minimum flow day before (m ³ /s) | | | 15.070 | 15.070 | 15.040 | 15.040 | 15.132 | 59.852 | 37.614 |
| Maximum flow day before (m ³ /s) | | | 15.070 | 15.070 | 15.070 | 15.132 | 45.406 | 60.468 | 59.852 |
| Rainfall day before (mm) | | | 0.0 | 9.0 | 0.0 | 59.5 | 10.0 | 4.0 | 0.0 |
| Evaporation (mm) | | | 4.0 | 3.0 | 5.0 | 11.3 | 7.0 | 4.5 | 2.0 |
| Conductivity (mS/ml) | | | 58.4 | 56.8 | 57.8 | 53.2 | 53.3 | 59.4 | 60.5 |
| Lethabo river level (m) | | | 2.52 | 2.49 | 2.49 | 2.54 | 2.54 | 2.52 | 2.51 |
| No. of gates open | Inches open | Flow / gate (m ³ /s) | Temp (°C) | Date | Notes | | | | |
| 1 | 9" | 15.070 | 22.4 | 9 Feb | | | | | |
| 2 | 9" | 15.070 | 22.5 | 10 Feb | | | | | |
| 1 | 9" | 15.040 | 22.5 | 11 Feb | | | | | |
| 1 | 9" | 15.132 | 22.8 | 12 Feb | | | | | |
| 2 | 9",18" | 45.406 | 22.2 | 13 Feb | | | | | |
| 2 | 18" | 59.852 | 22.3 | 14 Feb | | | | | |
| 2 | 9",13.5" | 37.793 | 21.8 | 15 Feb | | | | | |

| VAAL DAM @ 06h00 | | 9 Feb Sat | 10 Feb Sun | 11 Feb Mon | 12 Feb Tue | 13 Feb Wed | 14 Feb Thu | 15 Feb Fri |
|---|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Level (m) | | 19.980 | 19.970 | 19.950 | 19.930 | 19.960 | 19.970 | 19.980 |
| Full (%) | | 71.42 | 71.32 | 71.12 | 70.92 | 71.22 | 71.32 | 71.42 |
| Inflow (m ³ /s) | | 36.01 | 35.83 | 41.54 | 60.40 | 56.98 | 50.09 | 79.14 |
| Discharge (m ³ /s) | | 15.95 | 15.95 | 15.95 | 15.95 | 15.95 | 15.95 | 15.95 |
| 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