

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2016

| VAAL BARRAGE @ 07h00                        |             |                                 | 7 May Sat | 8 May Sun | 9 May Mon | 10 May Tue | 11 May Wed | 12 May Thu | 13 May Fri |
|---|-------------|---------------------------------|-----------|-----------|-----------|------------|------------|------------|------------|
| Level (m)                                   |             |                                 | 7.39      | 7.38      | 7.37      | 7.36       | 7.36       | 7.36       | 7.38       |
| Flow (m <sup>3</sup> /s)                    |             |                                 | 10.018    | 10.011    | 10.005    | 9.998      | 9.998      | 9.998      | 10.011     |
| Average flow day before (m <sup>3</sup> /s) |             |                                 | 10.021    | 10.013    | 10.007    | 10.001     | 9.999      | 9.998      | 10.008     |
| Minimum flow day before (m <sup>3</sup> /s) |             |                                 | 6.700     | 10.011    | 10.005    | 9.998      | 9.998      | 9.998      | 10.005     |
| Maximum flow day before (m <sup>3</sup> /s) |             |                                 | 10.025    | 10.018    | 10.011    | 10.005     | 10.005     | 9.998      | 10.011     |
| Rainfall day before (mm)                    |             |                                 | 0.0       | 0.0       | 0.0       | 0.0        | 0.0        | 0.0        | 0.0        |
| Evaporation (mm)                            |             |                                 | 3.0       | 3.0       | 3.0       | 4.0        | 1.0        | 3.0        | 3.0        |
| Conductivity (mS/ml)                        |             |                                 | 74.3      | 77.6      | 77.7      | 76.7       | 78.5       | 76.3       | 77.3       |
| Lethabo river level (m)                     |             |                                 | 2.56      | 2.55      | 2.55      | 2.55       | 2.54       | 2.61       | 2.59       |
| No. of gates open                           | Inches open | Flow / gate (m <sup>3</sup> /s) | Temp (°C) | Date      | Notes     |            |            |            |            |
| 1   | 1x6"        | 10.018                          | 15.0      | 7 May     |           |            |            |            |            |
| 1   | 1x6"        | 10.011                          | 16.3      | 8 May     |           |            |            |            |            |
| 1   | 1x6"        | 10.005                          | 15.8      | 9 May     |           |            |            |            |            |
| 1   | 1x6"        | 9.998                           | 15.8      | 10 May    |           |            |            |            |            |
| 1   | 1x6"        | 9.998                           | 16.1      | 11 May    |           |            |            |            |            |
| 1   | 1x6"        | 9.998                           | 15.8      | 12 May    |           |            |            |            |            |
| 1   | 1x6"        | 10.011                          | 16.0      | 13 May    |           |            |            |            |            |

| VAAL DAM @ 06h00                            |  |  | 7 May Sat    | 8 May Sun    | 9 May Mon    | 10 May Tue   | 11 May Wed   | 12 May Thu   | 13 May Fri   |
|---|--|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Level (m)                                   |  |  | 16.605       | 16.585       | 16.560       | 16.540       | 16.525       | 16.510       | 16.495       |
| Full (%)                                    |  |  | 42.84        | 42.70        | 42.53        | 42.34        | 42.29        | 42.18        | 42.08        |
| Inflow (m <sup>3</sup> /s)                  |  |  | 33.21        | 33.21        | 33.21        | 32.10        | 32.90        | 38.04        | 38.10        |
| Discharge (m <sup>3</sup> /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