

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

| VAAL BARRAGE @ 07h00 | | | 24-Sep-11 Sat | 25-Sep-11 Sun | 26-Sep-11 Mon | 27-Sep-11 Tue | 28-Sep-11 Wed | 29-Sep-11 Thu | 30-Sep-11 Fri |
|---|--------|---------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Barrage level (m) | | | 7.44 | 7.41 | 7.39 | 7.38 | 7.38 | 7.37 | 7.36 |
| Flow (m ³ /s) | | | 15.040 | 15.009 | 14.988 | 14.978 | 14.978 | 14.968 | 14.957 |
| Average flow (day before m ³ /s) | | | 15.044 | 15.025 | 15.001 | 14.980 | 14.970 | 14.969 | 14.957 |
| Minimum flow (day before m ³ /s) | | | 15.040 | 15.009 | 14.988 | 14.978 | 14.968 | 14.968 | 14.957 |
| Maximum flow (day before m ³ /s) | | | 15.050 | 15.040 | 15.009 | 14.988 | 14.978 | 14.978 | 14.957 |
| Rainfall (day before mm) | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Evaporation (mm) | | | 6.0 | 3.0 | 4.0 | 4.0 | 4.0 | 6.0 | 7.0 |
| Conductivity (mS/ml) | | | 68.5 | 70.1 | 70.1 | 68.6 | 68.1 | 69.6 | 69.7 |
| Lethabo river level (m) | | | 2.52 | 2.52 | 2.51 | 2.51 | 2.50 | 2.55 | 2.53 |
| No. of gates open | Inches | Flow / gate (m ³ /s) | Temp (°C) | Date | Notes | | | | |
| 1 | 1X9" | 15.040 | 16.8 | 24-Sep-11 | | | | | |
| 1 | 1X9" | 15.009 | 15.4 | 25-Sep-11 | | | | | |
| 1 | 1X9" | 14.988 | 16.4 | 26-Sep-11 | | | | | |
| 1 | 1X9" | 14.978 | 16.6 | 27-Sep-11 | | | | | |
| 1 | 1X9" | 14.978 | 16.9 | 28-Sep-11 | | | | | |
| 1 | 1X9" | 14.968 | 16.6 | 29-Sep-11 | | | | | |
| 1 | 1X9" | 14.957 | 17.1 | 30-Sep-11 | | | | | |

| VAAL DAM @ 06h00 | | | 24-Sep-11 Sat | 25-Sep-11 Sun | 26-Sep-11 Mon | 27-Sep-11 Tue | 28-Sep-11 Wed | 29-Sep-11 Thu | 30-Sep-11 Fri |
|---------------------------------|--|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Level (m) | | | 21.920 | 21.900 | 21.885 | 21.880 | 21.880 | 21.860 | 21.845 |
| Percentage (%) | | | 92.72 | 92.49 | 92.31 | 92.25 | 92.25 | 92.01 | 91.84 |
| Inflow (m ³ /s) | | | 30.40 | 30.30 | 30.30 | 29.50 | 30.20 | 30.20 | 30.30 |
| Discharge (m ³ /s) | | | 15.000 | 15.000 | 15.000 | 15.000 | 15.000 | 15.000 | 15.000 |
| Number of river valves open & % | | | 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 |