

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			31 Dec Sat	1 Jan Sun	2 Jan Mon	3 Jan Tue	4 Jan Wed	5 Jan Thu	6 Jan Fri
Level (m)			7.41	7.41	7.34	7.35	7.40	7.53	7.41
Flow (m <sup>3</sup> /s)			44.791	44.791	29.874	5.008	5.026	35.360	45.123
Average flow day before (m <sup>3</sup> /s)			44.820	44.820	36.707	9.346	5.018	17.243	40.050
Minimum flow day before (m <sup>3</sup> /s)			44.697	44.791	29.874	4.998	5.008	5.008	35.360
Maximum flow day before (m <sup>3</sup> /s)			178.510	44.821	44.821	29.874	5.029	35.360	69.839
Rainfall day before (mm)			0.0	0.0	0.0	0.0	0.0	0.5	0.0
Evaporation (mm)			3.0	7.0	7.0	7.0	7.0	3.5	4.0
Conductivity (mS/ml)			57.0	57.0	57.0	57.0	42.9	42.4	45.8
Lethabo river level (m)			2.59	2.59	2.58	2.58	2.60	2.58	2.58
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
2	1x9/1x18"	44.791	19.8	31 Dec					
2	1x9/1x18"	44.791	20.7	1 Jan					
2	2x9"	29.874	21.2	2 Jan					
1	1x3"	5.008	21.2	3 Jan					
1	1x3"	5.026	19.3	4 Jan					
3	2X6"/1X9"	35.360	18.5	5 Jan					
3	1X6"/2X9"	40.050	18.7	6 Jan					

VAAL DAM @ 06h00			31 Dec Sat	1 Jan Sun	2 Jan Mon	3 Jan Tue	4 Jan Wed	5 Jan Thu	6 Jan Fri
Level (m)			16.840	16.840	16.820	16.820	16.080	16.820	16.830
Full (%)			44.51	44.51	44.36	44.36	44.22	44.36	44.43
Inflow (m <sup>3</sup> /s)			46.00	46.00	39.00	39.00	34.60	41.20	54.90
Discharge (m <sup>3</sup> /s)			14.39	14.39	14.39	14.39	14.39	14.39	14.39
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