

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			2 Dec Sat	3 Dec Sun	4 Dec Mon	5 Dec Tue	6 Dec Wed	7 Dec Thu	8 Dec Fri
Level (m)			7.44	7.51	7.52	7.43	7.48	7.41	7.43
Flow (m ³ /s)			59.449	44.628	89.318	54.424	133.602	147.954	103.785
Average flow day before (m ³ /s)			50.971	44.429	87.513	65.915	99.251	147.791	104.456
Minimum flow day before (m ³ /s)			29.947	44.315	44.628	54.424	54.424	133.602	88.630
Maximum flow day before (m ³ /s)			59.781	44.628	89.442	89.315	133.602	148.789	147.954
Rainfall day before (mm)			3.5	39.0	0.0	37.0	25.0	0.0	0.0
Evaporation (mm)			4.5	12.0	6.0	26.0	20.0	5.0	3.0
Conductivity (mS/ml)			68.5	62.6	70.6	76.1	66.6	62.4	62.9
Lethabo river level (m)			2.63	2.63	2.57	2.59	2.61	2.58	2.57
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	1x9"/1x27"	59.449	20.4	2 Dec					
1	1x27"	44.628	18.3	3 Dec					
2	2x27"	89.318	20.9	4 Dec					
2	1x6"/1x27"	54.424	20.4	5 Dec					
3	3x27"	133.602	20.1	6 Dec					
4	3x27"/1x9"	147.954	18.6	7 Dec					
3	1x9"/2x27"	103.785	19.2	8 Dec					

VAAL DAM @ 06h00			2 Dec Sat	3 Dec Sun	4 Dec Mon	5 Dec Tue	6 Dec Wed	7 Dec Thu	8 Dec Fri
Level (m)			20.560	20.580	20.600	20.630	20.660	20.670	20.740
Full (%)			77.40	77.61	77.83	78.15	78.47	78.58	79.34
Inflow (m ³ /s)			64.70	53.70	130.90	42.30	34.90	90.60	85.60
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 abstractions and evaporation losses from Vaal Dam are reflected in the above data