

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			9 Dec Sat	10 Dec Sun	11 Dec Mon	12 Dec Tue	13 Dec Wed	14 Dec Thu	15 Dec Fri
Level (m)			7.42	7.45	7.45	7.50	7.61	7.59	7.45
Flow (m <sup>3</sup> /s)			66.787	44.441	44.441	44.597	89.876	89.752	10.059
Average flow day before (m <sup>3</sup> /s)			73.757	48.850	44.471	44.490	63.489	89.894	56.220
Minimum flow day before (m <sup>3</sup> /s)			66.693	44.309	44.441	44.441	44.597	89.752	10.032
Maximum flow day before (m <sup>3</sup> /s)			103.785	66.787	44.503	44.597	89.876	89.938	89.690
Rainfall day before (mm)			0.0	0.0	3.0	0.0	0.0	0.0	0.0
Evaporation (mm)			4.0	6.0	7.0	7.0	7.0	5.0	10.0
Conductivity (mS/ml)			57.0	50.2	48.0	53.7	53.8	59.1	62.6
Lethabo river level (m)			2.62	2.59	2.57	2.57	2.56	2.57	2.58
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
2	1x13.5"/1x27"	66.787	19.3	9 Dec					
1	1x27"	44.441	19.9	10 Dec					
1	1x27"	44.441	20.1	11 Dec					
1	1x27"	44.597	20.0	12 Dec					
2	2x27"	89.876	20.0	13 Dec					
2	2x27"	89.752	20.0	14 Dec					
1	1x6"	10.059	20.1	15 Dec					

VAAL DAM @ 06h00			9 Dec Sat	10 Dec Sun	11 Dec Mon	12 Dec Tue	13 Dec Wed	14 Dec Thu	15 Dec Fri
Level (m)			20.750	20.750	20.750	20.600	20.820	20.850	20.850
Full (%)			79.44	79.44	79.44	79.55	80.21	80.54	80.54
Inflow (m <sup>3</sup> /s)			35.70	29.30	60.90	146.20	74.30	125.50	75.40
Discharge (m <sup>3</sup> /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 abstraction and evaporation losses from Vaal Dam are reflected in the above data