

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			29 Dec Sat	30 Dec Sun	31 Dec Mon	1 Jan Tue	2 Jan Wed	3 Jan Thu	4 Jan Fri
Level (m)			7.50	7.45	7.45	7.51	7.44	7.51	7.36
Flow (m ³ /s)			10.093	22.457	22.457	59.996	59.688	59.976	132.474
Average flow day before (m ³ /s)			10.076	22.003	22.457	32.557	59.836	59.806	117.694
Minimum flow day before (m ³ /s)			10.066	10.093	22.457	22.457	59.688	59.688	59.976
Maximum flow day before (m ³ /s)			10.093	22.564	22.457	59.996	59.996	59.976	134.163
Rainfall day before (mm)			13.5	5.5	11.5	2.0	4.3	0.0	0.0
Evaporation (mm)			22.5	5.0	21.5	4.0	6.3	4.0	5.0
Conductivity (mS/ml)			63.6	62.9	62.8	63.2	64.2	63.4	59.6
Lethabo river level (m)			2.54	2.53	2.53	2.59	2.55	2.64	2.56
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	10.093	22.4	29 Dec					
1	1x13½"	22.457	21.7	30 Dec					
1	1x13½"	22.457	21.8	31 Dec					
2	1x18"	59.996	20.6	1 Jan					
2	1x18"	59.688	20.6	2 Jan					
2	1x18"	59.976	21.1	3 Jan					
3	27"	132.474	21.7	4 Jan					

VAAL DAM @ 06h00			29 Dec Sat	30 Dec Sun	31 Dec Mon	1 Jan Tue	2 Jan Wed	3 Jan Thu	4 Jan Fri
Level (m)			20.210	20.260	20.300	20.290	20.300	20.290	20.270
Full (%)			73.75	74.26	74.67	74.57	74.67	74.57	74.36
Inflow (m ³ /s)			22.92	26.26	25.77	38.40	29.46	34.34	39.85
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 abstraction and evaporation losses from Vaal Dam are reflected in the above data