

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			14 Jan Sat	15 Jan Sun	16 Jan Mon	17 Jan Tue	18 Jan Wed	19 Jan Thu	20 Jan Fri
Level (m)			7.43	7.48	7.43	7.43	7.43	7.39	7.45
Flow (m ³ /s)			59.407	44.534	74.201	29.823	29.823	29.740	10.059
Average flow day before (m ³ /s)			56.134	45.081	70.069	39.605	29.834	29.775	10.037
Minimum flow day before (m ³ /s)			29.864	44.378	44.534	29.761	29.823	29.740	10.018
Maximum flow day before (m ³ /s)			59.134	44.534	74.513	74.201	29.844	29.823	10.059
Rainfall day before (mm)			3.0	2.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			10.0	0.0	4.0	12.0	8.0	6.0	5.0
Conductivity (mS/ml)			39.5	39.0	55.3	52.0	51.2	54.0	56.4
Lethabo river level (m)			2.61	2.58	2.58	2.60	2.59	2.59	2.60
No. of gates open	Inches open	Flow / gate (m³/s)	Temp (°C)	Date	Notes				
2	1x9"/1x27"	59.407	19.4	14 Jan					
1	1x27"	44.534	18.2	15 Jan					
2	1x18"/1x27"	74.201	20.7	16 Jan					
1	1x18"	29.823	20.4	17 Jan					
1	1x18"	29.823	20.0	18 Jan					
1	1x18"	29.740	20.0	19 Jan					
1	1x6"	10.059	19.6	20 Jan					

VAAL DAM @ 06h00		14 Jan Sat	15 Jan Sun	16 Jan Mon	17 Jan Tue	18 Jan Wed	19 Jan Thu	20 Jan Fri
Level (m)		18.200	18.370	18.680	18.900	19.000	19.070	19.100
Full (%)		55.03	56.47	59.15	61.12	62.03	62.67	62.94
Inflow (m ³ /s)		204.27	65.47	747.57	471.58	283.80	179.40	111.90
Discharge (m ³ /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