

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			2 Feb Sat	3 Feb Sun	4 Feb Mon	5 Feb Tue	6 Feb Wed	7 Feb Thu	8 Feb Fri
Level (m)			7.40	7.39	7.46	7.55	7.54	7.49	7.47
Flow (m ³ /s)			29.998	10.018	10.066	10.127	44.721	29.947	15.070
Average flow day before (m ³ /s)			30.048	11.657	10.038	10.097	34.752	34.878	21.260
Minimum flow day before (m ³ /s)			29.998	9.991	10.018	10.066	10.127	29.947	15.070
Maximum flow day before (m ³ /s)			30.162	14.978	10.066	10.127	44.875	44.721	29.947
Rainfall day before (mm)			1.5	0.0	10.5	0.0	0.0	0.0	0.0
Evaporation (mm)			2.5	3.0	4.5	5.0	4.0	4.0	4.0
Conductivity (mS/ml)			53.9	54.8	51.4	55.5	56.2	54.8	56.5
Lethabo river level (m)			2.51	2.52	2.52	2.53	2.51	2.50	2.52
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	9"	29.998	21.2	2 Feb					
1	3"	10.018	21.7	3 Feb					
1	3"	10.066	20.6	4 Feb					
1	6"	10.127	21.0	5 Feb					
1	27"	44.721	21.4	6 Feb					
1	18"	29.947	21.1	7 Feb					
1	9"	15.070	22.4	8 Feb					

VAAL DAM @ 06h00		2 Feb Sat	3 Feb Sun	4 Feb Mon	5 Feb Tue	6 Feb Wed	7 Feb Thu	8 Feb Fri
Level (m)		20.030	20.030	20.035	20.020	20.020	20.010	19.990
Full (%)		71.92	71.92	71.98	71.82	71.82	71.72	71.52
Inflow (m ³ /s)		22.34	25.54	31.49	35.92	14.47	8.49	32.61
Discharge (m ³ /s)		15.95	15.95	15.95	15.95	15.95	15.95	15.95
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