

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			12 Oct Sat	13 Oct Sun	14 Oct Mon	15 Oct Tue	16 Oct Wed	17 Oct Thu	18 Oct Fri
Level (m)			7.40	7.50	7.50	7.42	7.46	7.51	7.51
Flow (m ³ /s)			10.025	10.093	29.823	10.039	10.066	32.679	32.679
Average flow day before (m ³ /s)			10.018	10.049	29.089	10.859	10.054	22.305	32.679
Minimum flow day before (m ³ /s)			10.011	10.025	10.093	10.032	10.039	10.039	32.679
Maximum flow day before (m ³ /s)			10.025	10.093	29.968	10.039	10.066	32.679	32.679
Rainfall day before (mm)			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			5.0	4.0	9.0	7.0	7.0	5.0	7.0
Conductivity (mS/ml)			79.7	86.6	81.9	88.4	85.2	82.5	82.5
Lethabo river level (m)			2.49	2.83	2.53	2.49	2.48	2.78	2.83
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1X6"	10.025	16.5	12 Oct					
1	1X6"	10.093	17.8	13 Oct					
1	1X18"	29.823	18.2	14 Oct					
1	1X6"	10.039	19.4	15 Oct					
1	1X6"	10.066	18.4	16 Oct					
2	1X6"; 1x13.5"	32.679	19.3	17 Oct					
2	1X6"; 1x13.5"	32.679	19.3	18 Oct					

VAAL DAM @ 06h00		12 Oct Sat	13 Oct Sun	14 Oct Mon	15 Oct Tue	16 Oct Wed	17 Oct Thu	18 Oct Fri
Level (m)		17.830	17.810	17.770	17.740	17.700	17.700	17.640
Full (%)		52.01	51.85	51.53	51.29	50.97	50.51	50.50
Inflow (m ³ /s)		0.58	0.44	0.37	0.30	0.27	0.47	0.51
Discharge (m ³ /s)		17.60	40.02	17.60	17.60	17.60	40.02	40.02
Number of river valves open and % discharge		2x100%	2x100%	2x100%	2x100%	2x100%	2x100%	2x100%
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