

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			20 Oct Sat	21 Oct Sun	22 Oct Mon	23 Oct Tue	24 Oct Wed	25 Oct Thu	26 Oct Fri
Level (m)			7.34	7.47	7.44	7.36	7.35	7.38	7.39
Flow (m ³ /s)			9.984	10.073	22.471	14.957	9.991	10.011	10.018
Average flow day before (m ³ /s)			18.059	10.043	18.883	18.692	12.261	10.001	10.014
Minimum flow day before (m ³ /s)			9.963	9.984	10.073	14.957	9.984	9.991	10.011
Maximum flow day before (m ³ /s)			24.921	10.073	22.518	22.471	14.957	10.001	10.018
Rainfall day before (mm)			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			5.0	6.0	11.0	5.0	4.0	3.0	5.0
Conductivity (mS/ml)			78.3	78.6	79.1	75.4	80.7	81.2	75.3
Lethabo river level (m)			2.79	2.65	2.55	2.55	2.52	2.52	2.52
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	9.984	18.9	20 Oct					
1	1x6"	10.073	16.5	21 Oct					
1	1x13½"	22.471	16.2	22 Oct					
1	1x9"	14.957	17.7	23 Oct					
1	1x6"	9.991	16.1	24 Oct					
1	1x6"	10.011	17.5	25 Oct					
1	1x6"	10.018	18.4	26 Oct					

VAAL DAM @ 06h00		20 Oct Sat	21 Oct Sun	22 Oct Mon	23 Oct Tue	24 Oct Wed	25 Oct Thu	26 Oct Fri
Level (m)		21.320	21.300	21.300	21.270	21.250	21.230	21.200
Full (%)		85.74	85.51	85.51	85.17	84.95	84.73	84.39
Inflow (m ³ /s)		29.44	21.43	19.83	22.19	20.83	23.60	26.41
Discharge (m ³ /s)		35.27	16.77	16.77	16.77	16.77	16.77	16.77
Number of river valves open and % discharge		3x100%	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