

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			13 Oct Sat	14 Oct Sun	15 Oct Mon	16 Oct Tue	17 Oct Wed	18 Oct Thu	19 Oct Fri
Level (m)			7.59	7.59	7.51	7.60	7.46	7.41	7.34
Flow (m ³ /s)			10.154	55.146	32.679	55.068	39.951	25.041	24.921
Average flow day before (m ³ /s)			10.143	43.260	33.551	40.210	60.503	30.605	24.991
Minimum flow day before (m ³ /s)			10.134	10.154	32.568	32.679	39.951	25.041	24.921
Maximum flow day before (m ³ /s)			10.154	55.634	55.146	55.068	99.975	39.920	25.041
Rainfall day before (mm)			0.0	25.5	14.5	0.0	0.0	0.0	0.0
Evaporation (mm)			7.5	0.0	5.0	5.0	5.0	8.0	4.0
Conductivity (mS/ml)			72.7	78.3	74.8	71.7	77.7	73.4	78.4
Lethabo river level (m)			2.52	2.56	2.57	2.54	2.55	2.54	2.56
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	10.154	17.8	13 Oct					
1	2x13.5";1x6"	55.146	16.5	14 Oct					
2	1x13.5";1x6"	32.679	16.7	15 Oct					
2	1x27";1x6"	55.068	15.8	16 Oct					
2	1x18";1x6"	39.951	17.5	17 Oct					
2	1x9";1x6"	25.041	17.1	18 Oct					
2	1x9";1x6"	24.921	18.1	19 Oct					

VAAL DAM @ 06h00			13 Oct Sat	14 Oct Sun	15 Oct Mon	16 Oct Tue	17 Oct Wed	18 Oct Thu	19 Oct Fri
Level (m)			21.390	21.400	21.400	21.390	21.360	21.340	21.340
Full (%)			86.53	86.64	86.64	86.53	86.19	85.96	85.96
Inflow (m ³ /s)			23.97	25.04	25.95	24.44	25.63	25.50	28.66
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