

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			16 Nov Sat	17 Nov Sun	18 Nov Mon	19 Nov Tue	20 Nov Wed	21 Nov Thu	22 Nov Fri
Level (m)			7.52	7.48	7.50	7.51	7.53	7.50	7.51
Flow (m ³ /s)			30.009	15.091	10.093	10.100	10.114	29.968	10.107
Average flow day before (m ³ /s)			26.962	18.831	10.085	10.098	10.104	22.551	14.760
Minimum flow day before (m ³ /s)			15.152	15.081	10.080	10.093	10.100	10.114	10.107
Maximum flow day before (m ³ /s)			30.091	30.009	10.093	10.100	10.114	30.070	22.564
Rainfall day before (mm)			0.0	0.0	0.0	5.8	0.0	11.5	0.0
Evaporation (mm)			7.0	5.0	8.0	3.8	4.0	0.5	2.0
Conductivity (mS/ml)			85.2	84.2	84.3	83.5	85.8	83.3	85.6
Lethabo river level (m)			2.51	2.51	2.51	2.51	2.50	2.54	2.51
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1X18"	30.009	21.0	16 Nov					
1	1X9"	15.081	21.0	17 Nov					
1	1X6"	10.093	21.1	18 Nov					
1	1X6"	10.100	21.6	19 Nov					
1	1X6"	10.114	22.3	20 Nov					
1	1X18"	29.968	21.3	21 Nov					
1	1X6"	10.107	22.0	22 Nov					

VAAL DAM @ 06h00		16 Nov Sat	17 Nov Sun	18 Nov Mon	19 Nov Tue	20 Nov Wed	21 Nov Thu	22 Nov Fri
Level (m)		16.720	16.690	16.670	16.040	16.590	16.580	16.550
Full (%)		43.65	43.44	43.30	43.09	42.74	42.67	42.46
Inflow (m ³ /s)		0.75	0.52	6.14	5.71	5.20	6.06	5.93
Discharge (m ³ /s)		17.60	17.60	17.60	17.60	17.60	17.60	17.60
Number of river valves open and % discharge		2x100%	2x100%	2x100%	2x100%	2x100%	2x100%	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