

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			16 Feb Sat	17 Feb Sun	18 Feb Mon	19 Feb Tue	20 Feb Wed	21 Feb Thu	22 Feb Fri
Level (m)			7.61	7.58	7.60	7.48	7.46	7.44	7.41
Flow (m ³ /s)			60.386	60.264	60.346	59.852	15.060	15.040	15.009
Average flow day before (m ³ /s)			49.148	60.341	60.289	71.151	19.417	15.048	15.020
Minimum flow day before (m ³ /s)			37.870	60.264	60.224	59.852	10.052	15.040	15.009
Maximum flow day before (m ³ /s)			60.428	60.386	60.346	89.938	59.852	15.060	15.040
Rainfall day before (mm)			5.0	7.5	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			1.0	8.5	5.0	7.0	5.0	5.0	6.0
Conductivity (mS/ml)			62.1	59.7	61.2	57.1	61.9	60.3	55.7
Lethabo river level (m)			2.55	2.54	2.50	2.51	2.48	2.51	2.51
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	2X18"18"	60.386	22.3	16 Feb					
2	2X18"	60.264	21.1	17 Feb					
2	2X18"	60.346	22.3	18 Feb					
2	2X18"	59.852	21.3	19 Feb					
1	1X9"	15.060	19.1	20 Feb					
1	1X9"	15.040	21.3	21 Feb					
1	1X9"	15.009	21.9	22 Feb					

VAAL DAM @ 06h00			16 Feb Sat	17 Feb Sun	18 Feb Mon	19 Feb Tue	20 Feb Wed	21 Feb Thu	22 Feb Fri
Level (m)			19.980	19.990	20.000	20.005	20.015	20.020	20.010
Full (%)			71.42	71.52	71.62	71.67	71.77	71.82	71.72
Inflow (m ³ /s)			39.59	112.02	77.18	73.75	71.79	66.51	60.05
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