

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			16 Mar Sat	17 Mar Sun	18 Mar Mon	19 Mar Tue	20 Mar Wed	21 Mar Thu	22 Mar Fri
Level (m)			7.46	7.42	7.40	7.40	7.42	7.44	7.44
Flow (m ³ /s)			15.06	15.019	10.025	10.032	10.039	10.052	10.052
Average flow day before (m ³ /s)			15.076	15.036	10.233	10.027	10.034	10.045	10.052
Minimum flow day before (m ³ /s)			15.060	15.019	10.025	10.025	10.032	10.039	10.052
Maximum flow day before (m ³ /s)			15.091	15.060	15.019	10.032	10.039	10.052	10.052
Rainfall day before (mm)			0.0	0.0	0.0	0.0	3.0	0.0	0.0
Evaporation (mm)			9.0	5.0	1.0	4.0	1.5	3.0	4.0
Conductivity (mS/ml)			53.8	62.7	66.1	62.3	60.7	62.5	57.5
Lethabo river level (m)			2.52	2.51	2.53	2.52	2.53	2.54	2.55
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1X9"	15.060	21.2	16 Mar					
1	1X9"	15.019	22.1	17 Mar					
1	1X6"	10.025	21.9	18 Mar					
1	1X6"	10.032	20.6	19 Mar					
1	1X6"	10.039	20.5	20 Mar					
1	1X6"	10.052	19.6	21 Mar					
1	1X6"	10.052	21.3	22 Mar					

VAAL DAM @ 06h00		16 Mar Sat	17 Mar Sun	18 Mar Mon	19 Mar Tue	20 Mar Wed	21 Mar Thu	22 Mar Fri
Level (m)		19.875	19.860	19.870	19.865	19.865	19.850	19.840
Full (%)		70.37	70.22	70.32	70.27	70.27	70.12	70.02
Inflow (m ³ /s)		65.52	64.61	59.92	59.62	58.53	57.88	57.88
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