

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2020

VAAL BARRAGE @ 07h00			15 Feb Sat	16 Feb Sun	17 Feb Mon	18 Feb Tue	19 Feb Wed	20 Feb Thu	21 Feb Fri
Level (m)			7.44	7.45	7.39	7.47	7.51	7.46	7.42
Flow (m ³ /s)			66.88	66.928	10.018	10.047	22.579	45.004	44.880
Average flow day before (m ³ /s)			66.890	66.590	23.799	10.018	18.409	38.793	38.770
Minimum flow day before (m ³ /s)			66.880	66.407	22.394	10.018	10.073	29.988	30.100
Maximum flow day before (m ³ /s)			66.928	66.928	66.928	10.073	10.073	45.158	45.004
Rainfall day before (mm)			0.0	0.0	0.0	0.0	0.0	38.0	2.5
Evaporation (mm)			2.0	8.0	5.0	13.0	5.0	16.0	1.5
Conductivity (mS/ml)			67.5	63.1	62.8	65.9	63.5	60.2	59.5
Lethabo river level (m)			2.53	2.54	2.54	2.55	2.55	2.55	2.52
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	1x27"; 1x13.5"	66.880	20.1	15 Feb					
2	1x27"; 1x13.5"	66.928	20.1	16 Feb					
1	1x6"	10.018	20.2	17 Feb					
1	1x6"	10.007	21.9	18 Feb					
1	1x13½"	22.579	22.6	19 Feb					
1	1x13½"	45.004	21.9	20 Feb					
1	1x13½"	44.880	21.8	21 Feb					

VAAL DAM @ 06h00			15 Feb Sat	16 Feb Sun	17 Feb Mon	18 Feb Tue	19 Feb Wed	20 Feb Thu	21 Feb Fri
Level (m)			18.520	18.500	18.480	18.470	18.470	18.460	18.440
Full (%)			57.75	57.58	57.41	57.32	57.32	57.23	57.06
Inflow (m ³ /s)			65.27	65.27	53.55	46.10	34.33	36.58	36.58
Discharge (m ³ /s)			17.19	17.19	17.19	17.19	17.19	17.19	17.19
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