

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			3 Feb Sat	4 Feb Sun	5 Feb Mon	6 Feb Tue	7 Feb Wed	8 Feb Thu	9 Feb Fri
Level (m)			7.49	7.50	7.49	7.56	7.60	7.53	7.46
Flow (m ³ /s)			32.635	25.194	25.178	25.296	25.296	54.804	54.538
Average flow day before (m ³ /s)			24.209	25.498	25.177	23.972	25.260	46.464	71.095
Minimum flow day before (m ³ /s)			10.093	25.178	25.161	25.178	25.296	25.331	54.538
Maximum flow day before (m ³ /s)			32.724	32.635	25.194	25.296	25.364	55.068	54.834
Rainfall day before (mm)			3.5	0.0	0.0	0.8	13.5	2.0	0.0
Evaporation (mm)			6.5	5.0	5.0	3.8	4.3	3.0	4.0
Conductivity (mS/ml)			69.1	71.3	71.6	63.1	68.7	71.4	73.1
Lethabo river level (m)			2.57	2.56	2.57	2.60	2.56	2.59	2.59
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	1x6"/1x18"	32.635	20.1	3 Feb					
2	1x6"/1x9"	25.194	20.8	4 Feb					
2	1x6"/1x9"	25.178	21.3	5 Feb					
2	1x6"/1x9"	25.296	22.6	6 Feb					
2	1x6"/1x9"	25.364	22.7	7 Feb					
2	1x6"/1x27"	54.804	22.6	8 Feb					
2	1x6"/1x27"	54.538	22.3	9 Feb					

VAAL DAM @ 06h00			3 Feb Sat	4 Feb Sun	5 Feb Mon	6 Feb Tue	7 Feb Wed	8 Feb Thu	9 Feb Fri
Level (m)			20.800	20.820	20.830	20.870	20.880	20.890	20.900
Full (%)			79.99	80.21	80.32	80.76	80.87	80.98	81.09
Inflow (m ³ /s)			132.60	116.30	123.40	109.20	85.90	66.30	100.10
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