

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			30 Sep Sat	1 Oct Sun	2 Oct Mon	3 Oct Tue	4 Oct Wed	5 Oct Thu	6 Oct Fri
Level (m)			7.49	7.50	7.54	7.54	7.55	7.56	7.53
Flow (m ³ /s)			15.091	15.101	20.240	20.240	20.254	15.162	60.058
Average flow day before (m ³ /s)			15.086	15.099	20.016	20.016	20.234	15.369	53.282
Minimum flow day before (m ³ /s)			15.070	15.081	20.186	20.186	20.214	15.152	15.162
Maximum flow day before (m ³ /s)			15.091	15.111	20.254	20.254	20.254	20.254	60.264
Rainfall day before (mm)			0.0	0.0	0.0	1.5	0.0	2.0	35.0
Evaporation (mm)			5.0	6.0	2.0	2.0	4.0	5.0	11.0
Conductivity (mS/ml)			76.9	78.4	78.7	72.8	77.5	80.3	78.8
Lethabo river level (m)			2.56	2.54	2.53	2.52	2.52	2.58	NA
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x9"	15.091	17.0	30 Sep					
1	1x9"	15.101	17.8	1 Oct					
2	2x6"	20.240	17.8	2 Oct					
2	2x6"	20.254	17.8	3 Oct					
2	2x6"	20.254	18.3	4 Oct					
1	1x9"	15.162	18.0	5 Oct					
2	2x18"	60.058	17.9	6 Oct					

VAAL DAM @ 06h00			30 Sep Sat	1 Oct Sun	2 Oct Mon	3 Oct Tue	4 Oct Wed	5 Oct Thu	6 Oct Fri
Level (m)			21.260	21.250	21.240	21.230	21.220	21.210	21.220
Full (%)			85.06	84.95	84.84	84.73	84.61	84.50	84.61
Inflow (m ³ /s)			35.50	35.50	35.30	34.09	34.09	34.03	34.00
Discharge (m ³ /s)			15.16	15.16	15.16	15.16	15.16	15.16	15.16
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 abstractions and evaporation losses from Vaal Dam are reflected in the above data