

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			17 Mar Sat	18 Mar Sun	19 Mar Mon	20 Mar Tue	21 Mar Wed	22 Mar Thu	23 Mar Fri
Level (m)			7.49	7.45	7.44	7.43	7.45	7.54	7.55
Flow (m ³ /s)			15.091	15.050	15.040	15.029	10.059	10.120	89.504
Average flow day before (m ³ /s)			15.120	15.063	15.039	15.029	11.915	10.082	65.484
Minimum flow day before (m ³ /s)			15.091	15.050	15.029	15.029	10.039	10.059	10.120
Maximum flow day before (m ³ /s)			15.152	15.091	15.050	15.040	15.029	10.120	90.000
Rainfall day before (mm)			8.5	0.0	0.0	0.0	9.5	4.5	70.0
Evaporation (mm)			4.5	5.0	2.0	3.0	0.5	8.5	7.5
Conductivity (mS/ml)			60.7	61.9	61.7	61.9	62.2	62.5	60.6
Lethabo river level (m)			2.55	2.53	2.61	2.56	2.56	2.56	2.71
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x9"	15.091	19.2	17 Mar					
1	1x9"	15.050	19.7	18 Mar					
1	1x9"	15.040	20.7	19 Mar					
1	1x9"	15.029	20.8	20 Mar					
1	1x6"	10.059	20.9	21 Mar					
1	1x6"	10.120	19.9	22 Mar					
2	2x27"	89.504	19.0	23 Mar					

VAAL DAM @ 06h00			17 Mar Sat	18 Mar Sun	19 Mar Mon	20 Mar Tue	21 Mar Wed	22 Mar Thu	23 Mar Fri
Level (m)			21.080	21.090	21.120	21.150	21.170	21.200	21.300
Full (%)			83.06	83.17	83.50	83.84	84.06	84.39	85.51
Inflow (m ³ /s)			58.57	59.03	140.92	141.39	112.70	108.99	346.47
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