

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			16 Dec Sat	17 Dec Sun	18 Dec Mon	19 Dec Tue	20 Dec Wed	21 Dec Thu	22 Dec Fri
Level (m)			7.55	7.46	7.47	7.49	7.51	7.34	7.47
Flow (m ³ /s)			10.127	44.472	15.070	15.091	15.111	9.998	10.073
Average flow day before (m ³ /s)			10.100	25.944	16.287	15.078	15.105	24.412	9.619
Minimum flow day before (m ³ /s)			10.059	10.059	15.050	15.070	15.091	9.984	9.998
Maximum flow day before (m ³ /s)			10.127	44.845	44.472	15.091	15.111	44.690	10.073
Rainfall day before (mm)			0.0	0.0	0.0	0.0	0.0	13.5	3.3
Evaporation (mm)			5.0	5.0	6.0	4.0	4.0	12.5	4.3
Conductivity (mS/ml)			65.2	67.2	69.2	74.1	71.0	70.3	66.9
Lethabo river level (m)			2.58	2.56	2.57	2.57	2.60	2.58	2.57
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	10.127	21.0	16 Dec					
1	1x27"	44.472	21.0	17 Dec					
1	1x9"	15.070	21.0	18 Dec					
1	1x9"	15.091	23.0	19 Dec					
1	1x9"	15.111	21.0	20 Dec					
1	1x6"	9.984	21.0	21 Dec					
1	1x6"	10.073	22.0	22 Dec					

VAAL DAM @ 06h00			16 Dec Sat	17 Dec Sun	18 Dec Mon	19 Dec Tue	20 Dec Wed	21 Dec Thu	22 Dec Fri
Level (m)			20.860	20.860	20.850	20.840	20.840	20.810	20.800
Full (%)			80.65	80.65	80.54	80.43	80.43	80.10	79.99
Inflow (m ³ /s)			59.00	48.20	42.57	38.85	36.94	36.61	42.57
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