

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			23 Dec Sat	24 Dec Sun	25 Dec Mon	26 Dec Tue	27 Dec Wed	28 Dec Thu	29 Dec Fri
Level (m)			7.56	7.56	7.46	7.61	7.39	7.40	7.53
Flow (m ³ /s)			10.134	44.783	44.472	15.213	44.253	14.999	10.114
Average flow day before (m ³ /s)			9.856	29.342	42.739	14.497	42.707	19.182	9.654
Minimum flow day before (m ³ /s)			10.073	15.173	44.472	15.060	44.253	14.906	10.032
Maximum flow day before (m ³ /s)			10.134	44.969	44.752	15.213	44.876	44.253	10.114
Rainfall day before (mm)			6.0	0.0	0.0	0.0	7.5	0.0	29.3
Evaporation (mm)			1.0	6.0	4.0	8.0	6.5	5.0	9.1
Conductivity (mS/ml)			67.1	68.5	69.6	68.5	66.7	69.4	68.2
Lethabo river level (m)			2.58	2.59	2.58	2.63	2.58	2.57	2.60
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	10.134	21.0	23 Dec					
1	1x6"	44.783	23.0	24 Dec					
1	1x27"	44.472	23.0	25 Dec					
1	1x9"	15.213	20.0	26 Dec					
1	1x27"	44.253	21.0	27 Dec					
1	1x9"	14.999	21.0	28 Dec					
1	1x6"	10.114	25.0	29 Dec					

VAAL DAM @ 06h00			23 Dec Sat	24 Dec Sun	25 Dec Mon	26 Dec Tue	27 Dec Wed	28 Dec Thu	29 Dec Fri
Level (m)			20.800	20.810	20.820	20.820	20.810	20.810	20.840
Full (%)			79.99	80.10	80.21	80.21	80.10	80.10	80.43
Inflow (m ³ /s)			49.00	49.00	56.80	67.60	50.70	43.50	40.60
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