

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			25 Feb Sat	26 Feb Sun	27 Feb Mon	28 Feb Tue	1 Mar Wed	2 Mar Thu	3 Mar Fri
Level (m)			7.39	7.29	7.39	7.49	7.38	7.40	7.38
Flow (m ³ /s)			206.752	87.876	98.524	163.647	250.824	265.704	265.326
Average flow day before (m ³ /s)			204.212	175.255	97.796	106.131	230.336	262.883	265.225
Minimum flow day before (m ³ /s)			175.756	87.876	87.876	98.524	136.528	250.824	264.140
Maximum flow day before (m ³ /s)			263.814	206.752	98.524	163.647	250.824	266.082	265.704
Rainfall day before (mm)			0.5	0.0	0.0	0.0	2.3	0.0	0.0
Evaporation (mm)			1.0	1.0	4.0	4.0	2.0	5.0	5.0
Conductivity (mS/ml)			36.4	40.0	43.0	45.2	53.4	58.9	41.7
Lethabo river level (m)			2.63	2.61	2.70	3.13	3.56	3.57	3.58
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
5	1x18"/4x27"	206.752	16.5	25 Feb					
2	2x27"	87.876	16.8	26 Feb					
3	1x6"/2x27"	98.524	17.6	27 Feb					
4	1x18"/3x27"	163.647	17.1	28 Feb					
6	1x18"/5x27"	250.824	17.2	1 Mar					
6	6x27"	265.704	18.1	2 Mar					
6	6X27"	265.326	19.0	3 Mar					

VAAL DAM @ 06h00			25 Feb Sat	26 Feb Sun	27 Feb Mon	28 Feb Tue	1 Mar Wed	2 Mar Thu	3 Mar Fri
Level (m)			22.000	22.300	22.520	22.700	22.800	22.800	22.830
Full (%)			93.67	97.28	100.00	102.24	103.50	103.50	103.88
Inflow (m ³ /s)			1074.50	956.00	703.30	541.40	391.10	395.50	274.40
Discharge (m ³ /s)			14.17	14.17	14.17	83.62	210.30	210.30	215.55
Number of river valves open and % discharge			1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	8X100%	8X100%	8X100%	8X100%
Number of gates open			0	0	0	1	1	1	1

Information supplied on behalf of Rand Water and the Department Water & Sanitation