

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			4 Mar Sat	5 Mar Sun	6 Mar Mon	7 Mar Tue	8 Mar Wed	9 Mar Thu	10 Mar Fri
Level (m)			7.40	7.39	7.40	7.46	7.34	7.38	7.34
Flow (m ³ /s)			324.987	339.511	221.420	15.060	154.601	98.453	44.095
Average flow day before (m ³ /s)			298.469	308.885	258.814	172.496	130.627	98.996	81.599
Minimum flow day before (m ³ /s)			265.326	295.258	87.938	14.937	15.060	98.174	44.064
Maximum flow day before (m ³ /s)			326.137	341.189	339.511	266.646	179.256	154.601	103.567
Rainfall day before (mm)			27.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			16.0	2.0	6.0	4.0	5.0	5.0	6.0
Conductivity (mS/ml)			42.8	40.2	35.6	41.8	35.2	33.6	47.9
Lethabo river level (m)			3.58	3.58	3.58	3.13	3.12	3.13	3.02
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
8	1x9"/7x27"	324.987	18.1	4 Mar					
8	1x18"/7x27"	339.511	18.2	5 Mar					
5	5x27"	221.420	20.3	6 Mar					
1	1x9"	15.060	20.4	7 Mar					
4	1x13.5"/3x27'	154.601	16.0	8 Mar					
3	1x6"/2x27"	98.453	18.5	9 Mar					
1	1x27"	44.095	18.7	10 Mar					

VAAL DAM @ 06h00		4 Mar Sat	5 Mar Sun	6 Mar Mon	7 Mar Tue	8 Mar Wed	9 Mar Thu	10 Mar Fri
Level (m)		22.840	22.840	22.820	22.820	22.830	22.830	22.840
Full (%)		104.01	104.01	103.75	103.75	103.88	103.88	104.01
Inflow (m ³ /s)		205.50	181.30	195.60	164.00	145.40	136.60	303.50
Discharge (m ³ /s)		217.30	217.30	213.80	84.69	86.69	84.69	16.77
Number of river valves open and % discharge		8x100%	8x100%	8x100%	8x100%	8x100%	8x100%	1x100% 1x50%
Number of gates open		1	1	1	0	0	0	0

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