

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			9 Feb Sat	10 Feb Sun	11 Feb Mon	12 Feb Tue	13 Feb Wed	14 Feb Thu	15 Feb Fri
Level (m)			7.47	7.47	7.44	7.53	7.61	7.48	7.55
Flow (m <sup>3</sup> /s)			15.07	15.070	15.040	15.132	45.406	59.852	37.793
Average flow day before (m <sup>3</sup> /s)			15.070	15.070	15.057	14.864	39.125	60.106	38.628
Minimum flow day before (m <sup>3</sup> /s)			15.070	15.070	15.040	15.040	15.132	59.852	37.614
Maximum flow day before (m <sup>3</sup> /s)			15.070	15.070	15.070	15.132	45.406	60.468	59.852
Rainfall day before (mm)			0.0	9.0	0.0	59.5	10.0	4.0	0.0
Evaporation (mm)			4.0	3.0	5.0	11.3	7.0	4.5	2.0
Conductivity (mS/ml)			58.4	56.8	57.8	53.2	53.3	59.4	60.5
Lethabo river level (m)			2.52	2.49	2.49	2.54	2.54	2.52	2.51
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
1	9"	15.070	22.4	9 Feb					
2	9"	15.070	22.5	10 Feb					
1	9"	15.040	22.5	11 Feb					
1	9"	15.132	22.8	12 Feb					
2	9",18"	45.406	22.2	13 Feb					
2	18"	59.852	22.3	14 Feb					
2	9",13.5"	37.793	21.8	15 Feb					

VAAL DAM @ 06h00		9 Feb Sat	10 Feb Sun	11 Feb Mon	12 Feb Tue	13 Feb Wed	14 Feb Thu	15 Feb Fri
Level (m)		19.980	19.970	19.950	19.930	19.960	19.970	19.980
Full (%)		71.42	71.32	71.12	70.92	71.22	71.32	71.42
Inflow (m <sup>3</sup> /s)		36.01	35.83	41.54	60.40	56.98	50.09	79.14
Discharge (m <sup>3</sup> /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