

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			10 Feb Sat	11 Feb Sun	12 Feb Mon	13 Feb Tue	14 Feb Wed	15 Feb Thu	16 Feb Fri
Level (m)			7.56	7.49	7.39	7.43	7.45	7.46	7.48
Flow (m <sup>3</sup> /s)			25.296	59.657	22.394	22.456	15.050	15.060	29.926
Average flow day before (m <sup>3</sup> /s)			30.269	43.595	36.880	22.426	17.827	15.055	27.141
Minimum flow day before (m <sup>3</sup> /s)			25.109	25.296	22.363	22.394	15.040	15.050	15.060
Maximum flow day before (m <sup>3</sup> /s)			54.538	75.262	59.657	22.456	22.471	15.060	29.926
Rainfall day before (mm)			0.0	4.5	1.0	0.0	0.0	5.0	13.5
Evaporation (mm)			1.0	8.5	6.0	6.0	6.0	4.0	1.5
Conductivity (mS/ml)			72.8	78.3	71.0	72.5	72.5	74.2	72.0
Lethabo river level (m)			2.58	2.57	2.57	2.59	2.56	2.58	2.58
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
2	1x6"/1x9"	25.296	22.3	10 Feb					
2	1x6"/1x27"	59.657	23.2	11 Feb					
1	1x13.5"	22.394	22.9	12 Feb					
1	1x13.5"	22.456	21.0	13 Feb					
1	1x9"	15.050	20.8	14 Feb					
1	1x9"	15.060	20.2	15 Feb					
1	1x18"	29.926	19.8	16 Feb					

VAAL DAM @ 06h00		10 Feb Sat	11 Feb Sun	12 Feb Mon	13 Feb Tue	14 Feb Wed	15 Feb Thu	16 Feb Fri
Level (m)		20.910	20.920	20.940	20.950	20.960	20.970	20.980
Full (%)		81.20	81.31	81.53	81.64	81.75	81.86	81.97
Inflow (m <sup>3</sup> /s)		89.04	78.31	81.31	96.70	90.90	89.00	131.46
Discharge (m <sup>3</sup> /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