

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2020

VAAL BARRAGE @ 07h00			29 Feb Sat	1 Mar Sun	2 Mar Mon	3 Mar Tue	4 Mar Wed	5 Mar Thu	6 Mar Fri
Level (m)			7.46	7.49	7.48	7.44	7.44	7.46	7.45
Flow (m <sup>3</sup> /s)			20.132	20.174	30.162	44.942	15.040	15.060	15.050
Average flow day before (m <sup>3</sup> /s)			16.791	20.132	37.530	44.997	29.959	15.056	15.056
Minimum flow day before (m <sup>3</sup> /s)			10.066	20.132	29.947	44.942	15.009	15.040	15.050
Maximum flow day before (m <sup>3</sup> /s)			20.174	20.174	59.976	45.066	44.912	15.060	15.060
Rainfall day before (mm)			3.0	5.5	1.0	32.0	0.0	0.0	0.0
Evaporation (mm)			1.0	7.5	3.0	4.0	5.0	5.0	4.0
Conductivity (mS/ml)			71.3	72.4	73.7	74.0	75.5	75.8	75.6
Lethabo river level (m)			2.51	2.50	2.49	2.53	2.51	2.49	2.50
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
2	2x6"	20.132	20.5	29 Feb					
2	2x6"	20.174	20.0	1 Mar					
2	2x9"	30.162	20.6	2 Mar					
2	2x13.5"	44.942	20.4	3 Mar					
1	1x9"	15.040	19.7	4 Mar					
1	1x9"	15.060	20.0	5 Mar					
1	1x9"	15.050	20.3	6 Mar					

VAAL DAM @ 06h00		29 Feb Sat	1 Mar Sun	2 Mar Mon	3 Mar Tue	4 Mar Wed	5 Mar Thu	6 Mar Fri
Level (m)		18.330	18.310	18.290	18.290	18.270	18.260	18.240
Full (%)		56.13	55.96	55.79	55.79	55.62	55.54	55.37
Inflow (m <sup>3</sup> /s)		25.14	23.92	21.72	17.60	26.53	38.32	46.54
Discharge (m <sup>3</sup> /s)		17.19	17.19	17.19	17.19	17.19	17.19	17.19
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