

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2020

VAAL BARRAGE @ 07h00			8 Feb Sat	9 Feb Sun	10 Feb Mon	11 Feb Tue	12 Feb Wed	13 Feb Thu	14 Feb Fri
Level (m)			7.55	7.53	7.56	7.61	7.44	7.43	7.44
Flow (m <sup>3</sup> /s)			22.641	44.690	89.566	209.945	93.938	74.436	66.880
Average flow day before (m <sup>3</sup> /s)			13.764	37.341	72.797	160.000	131.424	89.875	67.160
Minimum flow day before (m <sup>3</sup> /s)			10.093	22.610	44.690	89.380	74.533	74.436	66.787
Maximum flow day before (m <sup>3</sup> /s)			22.656	44.783	89.628	210.234	224.225	93.938	74.436
Rainfall day before (mm)			0.5	12.0	0.0	38.5	0.0	1.0	0.0
Evaporation (mm)			3.5	6.0	3.0	4.5	9.0	3.0	5.0
Conductivity (mS/ml)			75.3	78.0	76.8	74.4	74.3	76.8	70.4
Lethabo river level (m)			2.53	2.55	2.53	2.54	2.53	2.54	2.53
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
1	1x13½"	22.641	23.3	8 Feb					
1	1x27"	44.690	21.9	9 Feb					
2	2x27"	89.566	20.8	10 Feb					
5	4x27"; 1x18"	209.945	20.9	11 Feb					
3	1x27"; 2x9"	93.938	20.7	12 Feb					
3	1x27"; 2x9"	74.436	21.8	13 Feb					
2	1x27"; 1x13.5"	66.880	20.2	14 Feb					

VAAL DAM @ 06h00			8 Feb Sat	9 Feb Sun	10 Feb Mon	11 Feb Tue	12 Feb Wed	13 Feb Thu	14 Feb Fri
Level (m)			18.400	18.390	18.400	18.420	18.480	18.520	18.530
Full (%)			56.72	56.64	56.72	56.89	57.41	57.75	57.84
Inflow (m <sup>3</sup> /s)			46.60	113.12	184.11	163.85	123.80	65.17	61.77
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