

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			19 Jan Sat	20 Jan Sun	21 Jan Mon	22 Jan Tue	23 Jan Wed	24 Jan Thu	25 Jan Fri
Level (m)			7.30	7.32	7.33	7.31	7.29	7.29	7.29
Flow (m ³ /s)			9.956	9.970	9.977	9.963	9.950	9.950	9.950
Average flow day before (m ³ /s)			9.956	9.962	9.973	9.969	9.952	9.950	9.950
Minimum flow day before (m ³ /s)			9.956	9.956	9.970	9.963	9.956	9.950	9.950
Maximum flow day before (m ³ /s)			9.956	9.970	9.977	9.977	9.963	9.950	9.950
Rainfall day before (mm)			4.5	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			4.5	11.0	9.0	7.0	4.5	3.0	5.0
Conductivity (mS/ml)			48.1	46.8	45.7	42.7	46.7	46.4	48.6
Lethabo river level (m)			2.51	2.50	2.52	2.53	2.51	2.50	2.47
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	6"	9.956	21.8	19 Jan					
1	6"	9.970	21.3	20 Jan					
1	6"	9.977	21.6	21 Jan					
1	6"	9.963	21.6	22 Jan					
1	6"	9.950	21.8	23 Jan					
1	6"	9.950	21.3	24 Jan					
1	6"	9.950	23.3	25 Jan					

VAAL DAM @ 06h00		19 Jan Sat	20 Jan Sun	21 Jan Mon	22 Jan Tue	23 Jan Wed	24 Jan Thu	25 Jan Fri
Level (m)		20.280	20.260	20.250	20.240	20.220	20.220	20.190
Full (%)		74.47	74.26	74.16	74.06	73.85	73.85	73.54
Inflow (m ³ /s)		23.22	22.71	24.66	28.61	27.61	27.61	24.06
Discharge (m ³ /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