

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			26 Jan Sat	27 Jan Sun	28 Jan Mon	29 Jan Tue	30 Jan Wed	31 Jan Thu	1 Feb Fri
Level (m)			7.33	7.39	7.53	7.59	7.60	7.54	7.48
Flow (m ³ /s)			9.977	10.018	10.114	30.389	30.406	30.284	30.162
Average flow day before (m ³ /s)			9.959	9.998	10.067	22.356	30.405	30.348	30.206
Minimum flow day before (m ³ /s)			9.950	9.977	10.018	10.114	30.386	30.284	30.162
Maximum flow day before (m ³ /s)			9.977	10.018	10.114	30.386	30.406	30.406	30.284
Rainfall day before (mm)			31.5	0.0	41.5	0.0	0.0	0.0	18.0
Evaporation (mm)			8.3	4.5	8.5	5.0	5.0	5.0	4.0
Conductivity (mS/ml)			46.8	48.2	46.7	48.8	52.8	54.7	52.5
Lethabo river level (m)			2.47	2.53	2.51	2.54	2.52	2.80	2.50
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	6"	9.977	22.0	26 Jan					
1	6"	10.018	20.8	27 Jan					
1	6"	10.114	20.4	28 Jan					
2	9"	30.386	22.3	29 Jan					
2	9"	30.406	22.0	30 Jan					
2	9"	30.284	22.3	31 Jan					
2	9"	30.162	22.3	1 Feb					

VAAL DAM @ 06h00		26 Jan Sat	27 Jan Sun	28 Jan Mon	29 Jan Tue	30 Jan Wed	31 Jan Thu	1 Feb Fri
Level (m)		20.180	20.170	20.150	20.120	20.090	20.050	20.040
Full (%)		73.44	73.34	73.14	72.83	72.53	72.13	72.03
Inflow (m ³ /s)		18.75	19.88	23.38	31.03	28.67	24.97	22.64
Discharge (m ³ /s)		16.77	16.77	16.77	16.77	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