

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			28 Dec Sat	29 Dec Sun	30 Dec Mon	31 Dec Tue	1 Jan Wed	2 Jan Thu	3 Jan Fri
Level (m)			7.48	7.51	7.58	7.49	7.50	7.51	7.56
Flow (m ³ /s)			15.081	15.111	15.183	44.566	15.101	15.111	15.162
Average flow day before (m ³ /s)			12.155	15.077	15.140	43.522	21.202	15.105	15.138
Minimum flow day before (m ³ /s)			10.039	15.060	15.101	44.566	15.101	15.101	15.111
Maximum flow day before (m ³ /s)			15.091	15.081	15.183	44.907	44.566	15.111	15.162
Rainfall day before (mm)			0.0	34.5	5.5	3.0	4.5	32.5	0.0
Evaporation (mm)			3.0	9.5	7.0	7.0	1.0	12.5	10.0
Conductivity (mS/ml)			81.2	81.8	80.8	75.5	78.1	78.8	73.6
Lethabo river level (m)			2.54	2.55	2.55	2.56	2.53	2.53	2.51
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x9"	15.081	21.4	28 Dec					
1	1x9"	15.111	21.6	29 Dec					
1	1x9"	15.108	21.9	30 Dec					
1	1x27"	44.566	21.6	31 Dec					
1	1x9"	15.101	22.5	1 Jan					
1	1x9"	15.111	22.6	2 Jan					
1	1x9"	15.162	22.2	3 Jan					

VAAL DAM @ 06h00		28 Dec Sat	29 Dec Sun	30 Dec Mon	31 Dec Tue	1 Jan Wed	2 Jan Thu	3 Jan Fri
Level (m)		17.590	17.590	17.630	17.640	17.640	17.640	17.630
Full (%)		50.10	50.10	50.42	50.50	50.50	50.50	50.42
Inflow (m ³ /s)		57.15	50.44	68.08	55.44	46.13	49.47	62.27
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