

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			14 Dec Sat	15 Dec Sun	16 Dec Mon	17 Dec Tue	18 Dec Wed	19 Dec Thu	20 Dec Fri
Level (m)			7.40	7.41	7.43	7.41	7.44	7.45	7.41
Flow (m ³ /s)			74.045	29.782	29.823	29.782	10.052	15.050	15.009
Average flow day before (m ³ /s)			62.940	31.580	29.808	29.804	13.322	14.846	15.031
Minimum flow day before (m ³ /s)			44.253	29.699	29.782	29.782	10.018	10.052	15.019
Maximum flow day before (m ³ /s)			132.759	73.993	29.823	29.823	29.782	15.060	15.050
Rainfall day before (mm)			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			5.0	6.0	7.0	7.0	6.0	5.0	7.5
Conductivity (mS/ml)			79.5	81.3	77.9	82.9	75.0	78.3	71.9
Lethabo river level (m)			2.52	2.53	2.54	2.54	2.54	2.54	2.54
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	1X27"; 1X9"	74.045	19.5	14 Dec					
1	1x18"	29.782	20.2	15 Dec					
1	1x18"	29.823	18.6	16 Dec					
1	1x18"	29.782	20.4	17 Dec					
1	1x6"	10.052	21.0	18 Dec					
1	1x9"	15.050	21.1	19 Dec					
1	1x9"	15.009	21.0	20 Dec					

VAAL DAM @ 06h00		14 Dec Sat	15 Dec Sun	16 Dec Mon	17 Dec Tue	18 Dec Wed	19 Dec Thu	20 Dec Fri
Level (m)		16.450	16.630	16.780	17.040	17.120	17.180	17.260
Full (%)		41.77	43.02	44.08	45.95	46.54	46.98	47.58
Inflow (m ³ /s)		511.50	545.46	484.12	132.69	127.92	264.54	165.51
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