

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			27 Apr Sat	28 Apr Sun	29 Apr Mon	30 Apr Tue	1 May Wed	2 May Thu	3 May Fri
Level (m)			7.48	7.49	7.47	7.51	7.53	7.53	7.55
Flow (m ³ /s)			44.534	29.947	29.906	15.111	15.132	15.132	10.127
Average flow day before (m ³ /s)			44.502	32.365	29.931	15.708	15.126	15.132	12.000
Minimum flow day before (m ³ /s)			44.409	29.906	29.906	15.070	15.111	15.132	10.114
Maximum flow day before (m ³ /s)			44.534	44.534	29.947	29.906	15.132	15.132	15.132
Rainfall day before (mm)			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			5.0	3.0	3.0	3.0	2.0	3.0	3.0
Conductivity (mS/ml)			62.5	63.1	57.7	54.2	56.4	54.2	56.0
Lethabo river level (m)			2.53	2.54	2.54	2.54	2.52	2.52	2.52
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1X27"	44.534	15.7	27 Apr					
1	1X18"	29.947	16.6	28 Apr					
1	1X18"	29.906	17.0	29 Apr					
1	1X9"	15.111	15.3	30 Apr					
1	1X9"	15.132	14.7	1 May					
1	1X9"	15.132	15.4	2 May					
1	1X6"	10.127	15.3	3 May					

VAAL DAM @ 06h00		27 Apr Sat	28 Apr Sun	29 Apr Mon	30 Apr Tue	1 May Wed	2 May Thu	3 May Fri
Level (m)		20.110	20.150	20.170	20.190	20.190	20.185	20.190
Full (%)		72.73	73.14	73.34	73.54	73.54	73.49	73.54
Inflow (m ³ /s)		193.65	132.19	103.95	84.31	74.56	66.12	63.15
Discharge (m ³ /s)		15.95	15.95	15.95	15.95	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