

**VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019**

VAAL BARRAGE @ 07h00			20 Apr Sat	21 Apr Sun	22 Apr Mon	23 Apr Tue	24 Apr Wed	25 Apr Thu	26 Apr Fri
Level (m)			7.41	7.45	7.48	7.45	7.53	7.44	7.44
Flow (m <sup>3</sup> /s)			10.032	10.039	29.926	59.728	60.058	133.227	44.409
Average flow day before (m <sup>3</sup> /s)			10.320	10.430	20.627	49.868	59.826	111.732	66.458
Minimum flow day before (m <sup>3</sup> /s)			10.039	10.032	10.059	29.885	59.688	60.058	44.253
Maximum flow day before (m <sup>3</sup> /s)			10.039	10.059	29.947	59.976	60.058	134.535	132.227
Rainfall day before (mm)			0.0	0.0	0.0	43.5	6.5	4.5	15.0
Evaporation (mm)			3.0	3.0	4.0	6.8	0.5	0.5	3.0
Conductivity (mS/ml)			63.7	62.9	62.0	62.7	64.5	63.8	62.2
Lethabo river level (m)			2.53	2.53	2.53	2.56	2.55	2.55	2.59
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
1	1X6"	10.032	18.7	20 Apr					
1	1X6"	10.059	18.7	21 Apr					
1	1X18"	29.926	18.2	22 Apr					
2	2X18"	59.728	17.3	23 Apr					
2	2X18"	60.058	17.9	24 Apr					
3	3X27"	133.227	17.8	25 Apr					
1	1X27"	44.409	15.8	26 Apr					

VAAL DAM @ 06h00			20 Apr Sat	21 Apr Sun	22 Apr Mon	23 Apr Tue	24 Apr Wed	25 Apr Thu	26 Apr Fri
Level (m)			19.690	19.680	19.680	19.690	19.800	19.940	20.050
Full (%)			68.53	68.44	68.44	68.53	69.62	71.02	72.13
Inflow (m <sup>3</sup> /s)			49.74	54.39	57.99	197.95	413.01	257.56	193.65
Discharge (m <sup>3</sup> /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