

**VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018**

VAAL BARRAGE @ 07h00			15 Dec Sat	16 Dec Sun	17 Dec Mon	18 Dec Tue	19 Dec Wed	20 Dec Thu	21 Dec Fri
Level (m)			7.51	7.56	7.53	7.50	7.46	7.36	7.36
Flow (m <sup>3</sup> /s)			10.1	10.134	30.264	15.101	30.120	29.914	9.998
Average flow day before (m <sup>3</sup> /s)			10.400	10.115	20.236	15.114	22.620	29.988	11.441
Minimum flow day before (m <sup>3</sup> /s)			10.100	10.100	10.134	15.101	15.091	29.914	9.984
Maximum flow day before (m <sup>3</sup> /s)			10.107	10.134	30.386	15.132	30.202	30.120	29.914
Rainfall day before (mm)			3.0	0.0	0.0	21.5	2.5	0.0	0.0
Evaporation (mm)			6.0	6.0	4.0	5.5	4.5	6.0	6.0
Conductivity (mS/ml)			66.2	65.6	66.3	64.5	63.9	64.5	60.0
Lethabo river level (m)			2.51	2.52	2.52	2.52	2.51	2.59	2.53
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
1	1x6"	10.100	21.8	15 Dec					
1	1x6"	10.134	21.5	16 Dec					
2	2x9"	30.264	22.2	17 Dec					
1	1x9"	15.101	21.9	18 Dec					
2	2x9"	30.120	22.3	19 Dec					
2	2x9"	29.914	21.8	20 Dec					
1	1x6"	9.998	21.2	21 Dec					

VAAL DAM @ 06h00		15 Dec Sat	16 Dec Sun	17 Dec Mon	18 Dec Tue	19 Dec Wed	20 Dec Thu	21 Dec Fri
Level (m)		20.550	20.430	20.420	20.420	20.390	20.370	20.350
Full (%)		76.24	76.03	75.92	75.92	75.61	75.40	75.19
Inflow (m <sup>3</sup> /s)		22.34	21.67	21.35	21.35	19.78	20.72	24.51
Discharge (m <sup>3</sup> /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