

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			14 Apr Sat	15 Apr Sun	16 Apr Mon	17 Apr Tue	18 Apr Wed	19 Apr Thu	20 Apr Fri
Level (m)			7.47	7.57	7.61	7.61	7.60	7.59	7.58
Flow (m <sup>3</sup> /s)			67.021	75.628	112.609	112.609	112.531	112.454	112.377
Average flow day before (m <sup>3</sup> /s)			67.709	71.242	92.256	107.916	112.540	112.515	112.431
Minimum flow day before (m <sup>3</sup> /s)			66.553	67.021	74.926	112.609	112.531	112.454	112.377
Maximum flow day before (m <sup>3</sup> /s)			88.380	75.628	112.609	112.609	112.609	112.531	112.454
Rainfall day before (mm)			0.0	0.0	0.0	0.0	1.0	0.0	0.0
Evaporation (mm)			2.0	5.0	4.0	8.0	3.0	4.0	6.0
Conductivity (mS/ml)			36.7	36.2	37.4	40.9	38.2	37.5	36.6
Lethabo river level (m)			3.11	3.12	3.11	3.11	3.11	3.12	3.11
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
2	1x27" 1x13.5"	67.021	18.3	14 Apr					
2	1x27" 1x18"	75.628	18.8	15 Apr					
3	2x27" 1x13.5"	112.609	19.2	16 Apr					
3	2x27" 1x13.5"	112.609	18.5	17 Apr					
3	2x27" 1x13.5"	112.531	18.6	18 Apr					
3	2x27" 1x13.5"	112.454	18.7	19 Apr					
3	2x27" 1x13.5"	112.377	18.8	20 Apr					

VAAL DAM @ 06h00		14 Apr Sat	15 Apr Sun	16 Apr Mon	17 Apr Tue	18 Apr Wed	19 Apr Thu	20 Apr Fri
Level (m)		23.070	23.060	23.060	23.050	23.045	23.040	23.020
Full (%)		106.93	106.80	106.80	106.68	106.61	106.55	106.30
Inflow (m <sup>3</sup> /s)		122.06	112.45	106.47	102.74	97.35	91.40	84.05
Discharge (m <sup>3</sup> /s)		80.25	80.25	80.25	80.25	80.25	80.25	80.25
Number of river valves open and % discharge		8x100%	8x100%	8x100%	8x100%	8x100%	8x100%	8x100%
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