

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			7 Jan Sat	8 Jan Sun	9 Jan Mon	10 Jan Tue	11 Jan Wed	12 Jan Thu	13 Jan Fri
Level (m)			7.51	7.51	7.52	7.41	7.41	7.42	7.45
Flow (m <sup>3</sup> /s)			15.111	223.140	223.290	132.945	59.324	54.386	29.864
Average flow day before (m <sup>3</sup> /s)			15.024	128.510	223.055	190.904	109.794	56.484	35.946
Minimum flow day before (m <sup>3</sup> /s)			14.999	59.491	222.830	132.945	59.283	54.386	29.761
Maximum flow day before (m <sup>3</sup> /s)			15.111	223.140	223.290	223.280	133.227	59.407	54.386
Rainfall day before (mm)			27.3	28.5	28.5	0.0	0.0	0.0	34.8
Evaporation (mm)			12.8	4.5	4.0	10.0	2.0	3.0	15.8
Conductivity (mS/ml)			43.6	47.6	61.1	40.8	40.8	32.3	35.1
Lethabo river level (m)			2.64	2.64	2.59	2.57	2.57	2.58	2.59
No. of gates open	Inches open	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
1	1x9"	15.111	18.3	7 Jan					
5	5x27"	223.140	18.6	8 Jan					
5	5x27"	223.290	18.0	9 Jan					
3	3x27"	132.945	18.6	10 Jan					
2	1x9"/1x27"	59.324	18.3	11 Jan					
2	1x6"/1x27"	54.386	17.9	12 Jan					
1	1x18"	29.864	20.2	13 Jan					

VAAL DAM @ 06h00		7 Jan Sat	8 Jan Sun	9 Jan Mon	10 Jan Tue	11 Jan Wed	12 Jan Thu	13 Jan Fri
Level (m)		16.840	17.000	17.520	17.930	18.030	18.100	18.140
Full (%)		44.51	45.66	49.56	52.82	53.63	54.21	54.54
Inflow (m <sup>3</sup> /s)		54.50	324.90	691.30	522.50	223.30	168.80	132.36
Discharge (m <sup>3</sup> /s)		14.39	14.39	14.39	14.39	14.39	14.39	14.39
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