

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

VAAL BARRAGE @ 07h00			02-Jan-10 Sat	03-Jan-10 Sun	04-Jan-10 Mon	05-Jan-10 Tue	06-Jan-10 Wed	07-Jan-10 Thu	08-Jan-10 Fri
Barrage level (m)			7.38	7.47	7.49	7.48	7.43	7.44	
Flow (m <sup>3</sup> /s)			52.097	89.718	119.079	134.312	104.097	89.532	
Average flow (day before m <sup>3</sup> /s)			52.093	61.140	104.442	116.079	118.530	97.999	
Minimum flow (day before m <sup>3</sup> /s)			52.062	52.097	89.718	104.169	103.951	89.406	
Maximum flow (day before m <sup>3</sup> /s)			52.134	89.718	119.162	134.501	134.312	104.169	
Rainfall (day before mm)			6.5	29.0	17.5	48.0	0.0	0.0	
Evaporation (mm)			6.5	7.0	2.5	9.0	4.0	4.0	
Conductivity (mS/ml)			66.3	57.4	53.1	48.8	48.5	48.6	
Lethabo river level (m)			2.62	2.65	2.55	2.63	2.62	2.59	
No. of gates open	Inches	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
2	1X13.5" 1X18"	52.097	23.0	02-Jan-10					
3	3X18"	89.718	23.2	03-Jan-10					
2	1X18" 2X27"	119.079	22.8	04-Jan-10					
4	3X18" 1X27"	134.312	21.9	05-Jan-10					
3	2X18" 1X27"	104.097	21.5	06-Jan-10					
3	3X18"	89.532	21.9	07-Jan-10					
				08-Jan-10					

VAAL DAM @ 06h00			02-Jan-10 Sat	03-Jan-10 Sun	04-Jan-10 Mon	05-Jan-10 Tue	06-Jan-10 Wed	07-Jan-10 Thu	08-Jan-10 Fri
Level (m)			21.355	21.370	21.405	21.445	21.490	21.515	
Percentage (%)			86.17	86.34	86.74	87.19	87.71	87.99	
Inflow (m <sup>3</sup> /s)			74.30	73.00	81.20	160.60	201.00	201.00	
Discharge (m <sup>3</sup> /s)			12.600	12.600	12.600	12.600	12.600	12.600	
Number of river valves open & %			1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	
Number of gates open			0	0	0	0	0	0	