

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

VAAL BARRAGE @ 07h00			20-Feb-10 Sat	21-Feb-10 Sun	22-Feb-10 Mon	23-Feb-10 Tue	24-Feb-10 Wed	25-Feb-10 Thu	26-Feb-10 Fri
Barrage level (m)			7.37	7.37	7.40	7.44	7.40	7.46	7.40
Flow (m <sup>3</sup> /s)			235.918	191.728	192.135	325.903	339.749	311.304	339.749
Average flow (day before m <sup>3</sup> /s)			246.672	206.852	191.983	280.565	335.680	316.028	333.870
Minimum flow (day before m <sup>3</sup> /s)			235.747	191.455	191.728	192.135	325.903	295.258	311.304
Maximum flow (day before m <sup>3</sup> /s)			279.507	235.918	192.135	325.903	341.189	339.749	341.664
Rainfall (day before mm)			0.0	0.0	0.0	0.0	0.0	0.0	24.0
Evaporation (mm)			6.0	7.0	5.0	5.0	5.0	4.0	3.0
Conductivity (mS/ml)			28.2	30.2	33.2	33.0	31.8	3.8	3.7
Lethabo river level (m)			3.41	3.41	3.41	3.17	3.76	26.10	26.50
No. of gates open	Inches	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
6	1X9"5X27"	235.918	22.5	20-Feb-10					
5	1X9"4X27"	191.728	22.2	21-Feb-10					
5	1X9"4X27"	192.135	22.3	22-Feb-10					
8	1X9"7X27"	325.902	22.8	23-Feb-10					
8	1X9"7X27"	339.749	22.3	24-Feb-10					
8	1X9"1X187X27"	311.304	22.5	25-Feb-10					
8	1X187X27"	339.749	21.7	26-Feb-10					

VAAL DAM @ 06h00		20-Feb-10 Sat	21-Feb-10 Sun	22-Feb-10 Mon	23-Feb-10 Tue	24-Feb-10 Wed	25-Feb-10 Thu	26-Feb-10 Fri
Level (m)		22.605	22.605	22.635	22.640	22.630	22.575	22.530
Percentage (%)		101.05	101.05	101.43	101.49	101.37	100.69	100.12
Inflow (m <sup>3</sup> /s)		216.64	212.61	373.25	301.80	234.10	85.60	82.40
Discharge (m <sup>3</sup> /s)		146.280	146.280	146.280	274.100	274.100	274.100	274.100
Number of river valves open & %		3X100%	3X100%	3X100%	3X100%	3X100%	3X100%	3X100%
Number of gates open		1	1	1	2	2	2	2