

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

VAAL BARRAGE @ 07h00			06-Mar-10 Sat	07-Mar-10 Sun	08-Mar-10 Mon	09-Mar-10 Tue	10-Mar-10 Wed	11-Mar-10 Thu	12-Mar-10 Fri
Barrage level (m)			7.38	7.42	7.53	7.48	7.45	7.37	7.38
Flow (m <sup>3</sup> /s)			88.442	133.515	193.892	104.149	148.846	74.126	37.356
Average flow (day before m <sup>3</sup> /s)			237.158	105.652	101.121	114.442	136.687	112.519	53.604
Minimum flow (day before m <sup>3</sup> /s)			88.316	88.442	69.356	81.888	104.149	74.126	37.253
Maximum flow (day before m <sup>3</sup> /s)			312.613	133.796	193.892	193.892	149.364	148.846	74.126
Rainfall (day before mm)			1.0	0.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			4.0	5.0	7.0	5.0	5.0	6.0	6.0
Conductivity (mS/ml)			46.4	46.7	40.8	34.4	33.3	47.7	51.3
Lethabo river level (m)			3.07	2.74	2.15	3.18	3.17	2.48	2.71
No. of gates open	Inches	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
2	2X27"	88.442	21.6	06-Mar-10					
4	1X91X182X27	133.515	21.8	07-Mar-10					
5	1x9"/4x27"	193.892	21.4	08-Mar-10					
3	1x9"/2x27"	104.149	21.6	09-Mar-10					
5	2x91X182x27	148.846	21.0	10-Mar-10					
4	2X9"/1X27"	104.149	21.6	11-Mar-10					
2	1X9"1X13.5	37.356	21.2	12-Mar-10					

VAAL DAM @ 06h00			06-Mar-10 Sat	07-Mar-10 Sun	08-Mar-10 Mon	09-Mar-10 Tue	10-Mar-10 Wed	11-Mar-10 Thu	12-Mar-10 Fri
Level (m)			22.585	22.510	22.595	22.570	22.550	22.555	22.545
Percentage (%)			100.81	101.12	100.93	100.62	100.37	100.44	100.31
Inflow (m <sup>3</sup> /s)			112.90	71.93	73.60	73.50	66.14	56.20	52.20
Discharge (m <sup>3</sup> /s)			20.160	20.160	82.480	82.480	82.480	20.160	20.160
Number of river valves open & %			3X100%	3X100%	3X100%	3X100%	3X100%	3X100%	3X100%
Number of gates open			0	0	0	0	0	0	0