

## VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

VAAL BARRAGE @ 07h00			31-Dec-11 Sat	01-Jan-11 Sun	02-Jan-11 Mon	03-Jan-11 Tue	04-Jan-11 Wed	05-Jan-11 Thu	06-Jan-11 Fri
Barrage level (m)			7.46	7.48	7.59	7.63	7.50	7.46	7.45
Flow (m <sup>3</sup> /s)			75.300	60.324	60.772	90.000	89.194	44.472	44.378
Average flow (day before m <sup>3</sup> /s)			84.228	60.875	53.653	82.775	89.687	47.036	42.172
Minimum flow (day before m <sup>3</sup> /s)			75.300	60.200	45.243	70.973	89.194	44.472	37.537
Maximum flow (day before m <sup>3</sup> /s)			105.854	60.324	60.772	90.000	90.000	59.698	44.503
Rainfall (day before mm)			21.5	2.5	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			2.5	4.5	5.0	7.0	7.0	7.0	7.5
Conductivity (mS/ml)			63.0	65.0	63.5	62.4	61.8	62.5	61.4
Lethabo river level (m)			2.48	2.43	2.40	2.33	2.34	2.24	2.20
No. of gates open	Inches	Flow / gate (m <sup>3</sup> /s)	Temp (°C)	Date	Notes				
5	5X9"	75.300	23.0	31-Dec-11					
4	4X9"	60.324	22.6	01-Jan-11					
4	4X9"	60.772	22.9	02-Jan-11					
2	27"	90.000	23.4	03-Jan-11					
2	27"	89.194	23.6	04-Jan-11					
1	27"	44.472	23.3	05-Jan-11					
1	27"	44.378	23.5	06-Jan-11					

VAAL DAM @ 06h00		31-Dec-11 Sat	01-Jan-11 Sun	02-Jan-11 Mon	03-Jan-11 Tue	04-Jan-11 Wed	05-Jan-11 Thu	06-Jan-11 Fri
Level (m)		21.110	21.130	21.150	21.155	21.170	21.165	21.175
Percentage (%)		83.41	83.64	83.86	83.92	84.08	84.03	84.14
Inflow (m <sup>3</sup> /s)		80.20	70.40	76.60	90.70	65.07	52.30	43.50
Discharge (m <sup>3</sup> /s)		14.020	14.020	14.020	14.020	14.020	14.020	15.020
Number of river valves open & %		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