

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

VAAL BARRAGE @ 07h00			09-Jan-10 Sat	10-Jan-10 Sun	11-Jan-10 Mon	12-Jan-10 Tue	13-Jan-10 Wed	14-Jan-10 Thu	15-Jan-10 Fri
Barrage level (m)			7.51	7.50	7.42	7.41	7.40	7.44	7.42
Flow (m ³ /s)			74.616	178.388	148.298	88.630	59.522	59.688	59.604
Average flow (day before m ³ /s)			74.972	168.216	165.635	117.096	74.033	59.612	59.692
Minimum flow (day before m ³ /s)			73.784	119.327	148.402	88.506	59.438	59.522	59.604
Maximum flow (day before m ³ /s)			81.761	179.008	178.264	148.294	88.630	59.688	59.728
Rainfall (day before mm)			33.5	8.0	1.0	0.0	0.0	20.0	0.0
Evaporation (mm)			13.5	5.0	3.0	4.0	4.0	7.0	5.0
Conductivity (mS/ml)			50.6	49.1	51.1	50.5	48.8	45.5	46.3
Lethabo river level (m)			2.64	2.60	2.63	2.60	2.57	2.59	2.57
No. of gates open	Inches	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	1X18" 1X27"	74.616	21.8	09-Jan-10					
4	4X27"	178.388	21.6	10-Jan-10					
4	2X18" 2X27"	148.298	21.7	11-Jan-10					
2	2X27"	88.630	21.4	12-Jan-10					
2	2X18"	59.522	21.8	13-Jan-10					
2	2X18"	59.688	21.9	14-Jan-10					
2	2X18"	59.604	21.6	15-Jan-10					

VAAL DAM @ 06h00			09-Jan-10 Sat	10-Jan-10 Sun	11-Jan-10 Mon	12-Jan-10 Tue	13-Jan-10 Wed	14-Jan-10 Thu	15-Jan-10 Fri
Level (m)			21.555	21.595	21.630	21.715	21.725	21.770	21.775
Percentage (%)			88.46	88.92	89.32	90.31	90.43	90.95	91.01
Inflow (m ³ /s)			130.00	103.97	224.00	136.60	102.40	91.10	100.80
Discharge (m ³ /s)			12.600	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%	1X100% 1X50%
Number of gates open			0	0	0	0	0	0	0