

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

VAAL BARRAGE @ 07h00			16-Jan-10 Sat	17-Jan-10 Sun	18-Jan-10 Mon	19-Jan-10 Tue	20-Jan-10 Wed	21-Jan-10 Thu	22-Jan-10 Fri
Barrage level (m)			7.39	7.47	7.46	7.43	7.42	7.53	7.61
Flow (m ³ /s)			52.134	52.424	52.387	177.512	143.080	223.450	404.442
Average flow (day before m ³ /s)			53.401	52.327	52.398	146.855	138.037	190.468	304.660
Minimum flow (day before m ³ /s)			52.134	52.134	52.387	59.770	132.945	143.080	253.655
Maximum flow (day before m ³ /s)			59.564	52.424	52.459	178.636	143.080	223.450	404.442
Rainfall (day before mm)			2.0	0.0	4.0	4.0	10.5	20.0	27.0
Evaporation (mm)			9.0	4.0	5.0	2.0	2.5	2.0	3.0
Conductivity (mS/ml)			48.1	47.0	46.6	47.0	50.2	53.7	38.4
Lethabo river level (m)			2.60	2.60	2.64	2.67	2.68	2.68	2.72
No. of gates open	Inches	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	1X13.5" 1X18"	52.134	22.0	16-Jan-10					
2	1X13.5" 1X18"	52.424	21.7	17-Jan-10					
2	1X13.5" 1X18"	52.387	22.1	18-Jan-10					
4	4X27"	177.512	22.6	19-Jan-10					
4	1X6" 3X27"	143.080	22.5	20-Jan-10					
5	5X27"	223.450	22.1	21-Jan-10					
9	9X27"	404.442	21.0	22-Jan-10					

VAAL DAM @ 06h00			16-Jan-10 Sat	17-Jan-10 Sun	18-Jan-10 Mon	19-Jan-10 Tue	20-Jan-10 Wed	21-Jan-10 Thu	22-Jan-10 Fri
Level (m)			21.790	21.812	21.850	21.900	21.990	22.090	22.215
Percentage (%)			91.19	91.48	91.90	92.94	93.56	94.75	96.26
Inflow (m ³ /s)			101.10	133.30	158.70	161.80	219.36	216.50	559.80
Discharge (m ³ /s)			12.600	12.600	12.600	12.600	12.600	11.070	11.070
Number of river valves open & %			1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	1X100% 1X50%	1X100% 1X25%	1X100% 1X25%
Number of gates open			0	0	0	0	0	0	0