

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION

VAAL BARRAGE @ 07h00			13-Feb-10 Sat	14-Feb-10 Sun	15-Feb-10 Mon	16-Feb-10 Tue	17-Feb-10 Wed	18-Feb-10 Thu	19-Feb-10 Fri
Barrage level (m)			7.38	7.42	7.46	7.57	7.54	7.51	7.34
Flow (m ³ /s)			54.232	54.386	54.538	164.724	238.747	372.135	279.507
Average flow (day before m ³ /s)			54.135	54.293	54.433	110.432	219.762	332.041	349.439
Minimum flow (day before m ³ /s)			54.002	54.232	54.386	54.538	179.256	238.582	279.507
Maximum flow (day before m ³ /s)			54.232	54.386	54.538	164.724	238.912	372.135	430.732
Rainfall (day before mm)			0.0	0.0	23.5	1.5	23.5	0.0	0.0
Evaporation (mm)			6.0	7.0	9.0	5.0	4.5	5.0	6.0
Conductivity (mS/ml)			33.7	34.9	34.8	33.9	39.9	42.8	34.1
Lethabo river level (m)			2.94	2.94	2.94	3.42	3.25	3.76	3.44
No. of gates open	Inches	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	1X6"1X27"	54.232	22.5	13-Feb-10					
2	1X6"1X27"	54.386	22.9	14-Feb-10					
2	1X6"1X27"	54.538	23.7	15-Feb-10					
5	2X9"3X27"	164.724	23.2	16-Feb-10					
6	1X9"5X27"	238.747	23.1	17-Feb-10					
9	1X9"8X27"	372.135	22.8	18-Feb-10					
7	1X9"6X27"	279.507	22.3	19-Feb-10					

VAAL DAM @ 06h00		13-Feb-10 Sat	14-Feb-10 Sun	15-Feb-10 Mon	16-Feb-10 Tue	17-Feb-10 Wed	18-Feb-10 Thu	19-Feb-10 Fri
Level (m)		22.520	22.535	22.540	22.530	22.565	22.560	22.580
Percentage (%)		100.00	100.19	100.25	100.12	100.56	100.50	100.75
Inflow (m ³ /s)		103.83	101.44	99.22	191.98	164.90	333.40	219.64
Discharge (m ³ /s)		41.010	41.010	41.010	146.280	146.280	271.130	146.280
Number of river valves open & %		4X100%	4X100%	4X100%	3X100%	3X100%	3X100%	3X100%
Number of gates open		0	0	0	1	1	2	1