

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			5 Jan Sat	6 Jan Sun	7 Jan Mon	8 Jan Tue	9 Jan Wed	10 Jan Thu	11 Jan Fri
Level (m)			7.34	7.32	7.36	7.47	7.38	7.34	7.39
Flow (m ³ /s)			59.272	14.916	14.957	30.140	88.442	44.632	59.480
Average flow day before (m ³ /s)			62.391	29.090	14.943	20.048	66.280	44.062	52.704
Minimum flow day before (m ³ /s)			59.272	14.874	14.916	14.957	30.140	44.632	44.632
Maximum flow day before (m ³ /s)			132.474	59.272	14.957	30.140	89.256	88.442	59.480
Rainfall day before (mm)			0.0	0.0	0.0	0.0	45.5	0.0	14.0
Evaporation (mm)			6.0	6.0	5.0	5.0	28.8	3.0	9.0
Conductivity (mS/ml)			61.5	60.7	60.3	62.0	50.5	55.5	52.0
Lethabo river level (m)			2.54	2.52	2.49	2.53	2.56	2.54	2.54
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	18"	59.272	22.5	5 Jan					
1	9"	14.916	21.3	6 Jan					
1	9"	14.957	22.8	7 Jan					
2	9"	30.140	21.4	8 Jan					
2	27"	88.442	21.0	9 Jan					
2	13½"	44.632	22.3	10 Jan					
2	18"	59.480	21.7	11 Jan					

VAAL DAM @ 06h00		5 Jan Sat	6 Jan Sun	7 Jan Mon	8 Jan Tue	9 Jan Wed	10 Jan Thu	11 Jan Fri
Level (m)		20.260	20.250	20.230	20.220	20.250	20.700	20.340
Full (%)		74.26	74.16	73.95	73.85	74.16	74.36	75.09
Inflow (m ³ /s)		34.27	28.88	25.92	40.72	30.64	37.94	114.00
Discharge (m ³ /s)		16.77	16.77	16.77	16.77	16.77	16.77	16.77
Number of river valves open and % discharge		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

Information supplied on behalf of Rand Water and the Department Water & Sanitation
Please Note: Not all abstraction and evaporation losses from Vaal Dam are reflected in the above data