

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			12 Jan Sat	13 Jan Sun	14 Jan Mon	15 Jan Tue	16 Jan Wed	17 Jan Thu	18 Jan Fri
Level (m)			7.41	7.29	7.38	7.52	7.49	7.31	7.30
Flow (m ³ /s)			59.564	59.064	10.011	30.009	44.942	44.538	9.956
Average flow day before (m ³ /s)			59.437	59.356	14.436	18.575	44.431	44.776	15.035
Minimum flow day before (m ³ /s)			59.314	59.064	9.929	10.011	30.009	44.530	9.936
Maximum flow day before (m ³ /s)			59.564	59.564	59.064	30.009	45.190	44.942	44.538
Rainfall day before (mm)			0.0	0.0	0.0	8.3	0.0	0.0	0.0
Evaporation (mm)			6.0	6.0	7.0	2.3	7.0	5.0	6.0
Conductivity (mS/ml)			48.0	46.5	46.8	50.7	46.4	48.3	47.4
Lethabo river level (m)			2.51	2.53	2.51	2.53	2.51	2.52	2.53
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
2	18"	59.564	21.8	12 Jan					
2	18"	59.064	21.9	13 Jan					
1	6"	10.011	22.1	14 Jan					
1	18"	30.009	22.3	15 Jan					
2	13½"	45.190	23.2	16 Jan					
2	13½"	44.538	23.8	17 Jan					
1	9"	9.956	22.6	18 Jan					

VAAL DAM @ 06h00		12 Jan Sat	13 Jan Sun	14 Jan Mon	15 Jan Tue	16 Jan Wed	17 Jan Thu	18 Jan Fri
Level (m)		20.390	20.380	20.360	20.350	20.330	20.310	20.310
Full (%)		75.61	75.50	75.30	75.19	74.98	74.78	74.78
Inflow (m ³ /s)		50.38	36.09	29.35	26.98	26.15	23.00	23.01
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