

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			30 Nov Sat	1 Dec Sun	2 Dec Mon	3 Dec Tue	4 Dec Wed	5 Dec Thu	6 Dec Fri
Level (m)			7.54	7.53	7.51	7.49	7.51	7.51	7.53
Flow (m ³ /s)			10.12	15.132	15.111	10.087	10.100	29.988	30.029
Average flow day before (m ³ /s)			10.103	15.140	15.119	11.758	10.093	23.369	29.990
Minimum flow day before (m ³ /s)			10.087	15.132	15.111	10.087	10.087	10.100	29.968
Maximum flow day before (m ³ /s)			10.120	15.142	15.132	15.111	10.100	30.009	30.029
Rainfall day before (mm)			0.0	0.0	0.0	0.0	11.0	34.0	9.5
Evaporation (mm)			7.0	9.0	8.0	5.0	4.5	6.3	4.0
Conductivity (mS/ml)			97.0	95.4	93.4	96.9	90.1	90.7	93.0
Lethabo river level (m)			2.51	2.51	2.51	2.51	2.53	2.55	2.54
No. of gates open	Inches open	Flow / gate (m³/s)	Temp (°C)	Date	Notes				
1	1X6"	10.120	21.0	30 Nov					
1	1X9"	15.132	20.8	1 Dec					
1	1X9"	15.111	22.5	2 Dec					
1	1X6"	10.087	23.8	3 Dec					
1	1X6"	10.100	20.0	4 Dec					
1	1X18"	29.988	18.8	5 Dec					
1	1X18"	30.029	18.9	6 Dec					

VAAL DAM @ 06h00			30 Nov Sat	1 Dec Sun	2 Dec Mon	3 Dec Tue	4 Dec Wed	5 Dec Thu	6 Dec Fri
Level (m)			16.300	16.260	16.210	16.170	16.140	16.130	16.100
Full (%)			40.76	40.49	40.16	39.90	39.70	39.63	39.44
Inflow (m ³ /s)			2.15	1.53	1.23	0.95	0.91	1.00	0.00
Discharge (m ³ /s)			17.60	17.60	17.60	17.60	17.60	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