

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2017

VAAL BARRAGE @ 07h00			25 Nov Sat	26 Nov Sun	27 Nov Mon	28 Nov Tue	29 Nov Wed	30 Nov Thu	1 Dec Fri
Level (m)			7.51	7.54	7.55	7.47	7.56	7.59	7.49
Flow (m ³ /s)			15.111	30.050	44.783	44.503	44.783	89.752	29.947
Average flow day before (m ³ /s)			13.010	25.308	44.169	44.617	27.487	71.069	70.821
Minimum flow day before (m ³ /s)			10.073	15.111	30.050	44.503	15.070	44.783	29.906
Maximum flow day before (m ³ /s)			15.122	30.050	44.783	44.783	44.783	89.876	119.657
Rainfall day before (mm)			12.5	7.0	0.0	22.8	0.0	9.0	0.0
Evaporation (mm)			7.5	4.0	8.0	4.8	7.0	1.5	5.0
Conductivity (mS/ml)			76.1	77.7	74.2	71.3	63.0	67.5	64.7
Lethabo river level (m)			2.55	2.60	2.57	2.57	2.57	2.64	2.58
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x9"	15.111	19.7	25 Nov					
1	1x18"	30.050	18.9	26 Nov					
1	1x27"	44.783	19.6	27 Nov					
1	1x27"	44.503	19.2	28 Nov					
1	1x27"	44.783	20.0	29 Nov					
2	2x27"	89.752	20.0	30 Nov					
1	1x18"	29.947	20.6	1 Dec					

VAAL DAM @ 06h00		25 Nov Sat	26 Nov Sun	27 Nov Mon	28 Nov Tue	29 Nov Wed	30 Nov Thu	1 Dec Fri
Level (m)		20.540	20.530	20.520	20.530	20.540	20.540	20.550
Full (%)		77.19	77.08	76.98	77.08	77.19	77.19	77.30
Inflow (m ³ /s)		32.03	37.70	37.42	34.60	37.70	41.60	66.00
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 abstractions and evaporation losses from Vaal Dam are reflected in the above data