

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2020

VAAL BARRAGE @ 07h00			22 Feb Sat	23 Feb Sun	24 Feb Mon	25 Feb Tue	26 Feb Wed	27 Feb Thu	28 Feb Fri
Level (m)			7.44	7.44	7.47	7.41	7.44	7.42	7.46
Flow (m ³ /s)			10.052	37.511	52.424	44.850	20.104	20.078	10.066
Average flow day before (m ³ /s)			14.825	27.465	45.034	46.776	20.092	20.098	10.051
Minimum flow day before (m ³ /s)			10.032	10.052	30.080	44.850	20.064	20.078	10.039
Maximum flow day before (m ³ /s)			44.880	37.577	52.495	52.424	20.104	20.104	10.066
Rainfall day before (mm)			1.8	24.0	0.0	0.0	0.0	0.0	0.0
Evaporation (mm)			2.0	12.0	7.0	4.0	5.0	6.0	5.0
Conductivity (mS/ml)			61.4	62.1	64.9	68.5	70.8	71.9	73.0
Lethabo river level (m)			2.52	2.51	2.52	2.53	2.53	2.48	2.50
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	10.052	21.8	22 Feb					
2	1x9"; 1x13½"	37.511	21.3	23 Feb					
2	1x13½"; 1x18"	52.424	19.7	24 Feb					
2	1x13½"; 1x18"	44.850	20.5	25 Feb					
2	2x6"	20.104	20.8	26 Feb					
2	2x6"	20.078	21.6	27 Feb					
1	1x6"	10.066	21.7	28 Feb					

VAAL DAM @ 06h00		22 Feb Sat	23 Feb Sun	24 Feb Mon	25 Feb Tue	26 Feb Wed	27 Feb Thu	28 Feb Fri
Level (m)		18.430	18.430	18.420	18.400	18.390	18.370	18.350
Full (%)		56.98	56.98	56.89	56.72	56.64	56.47	56.30
Inflow (m ³ /s)		36.58	36.58	34.61	40.08	42.42	30.14	24.41
Discharge (m ³ /s)		17.19	17.19	17.19	17.19	17.19	17.19	17.19
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