

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2019

VAAL BARRAGE @ 07h00			21 Dec Sat	22 Dec Sun	23 Dec Mon	24 Dec Tue	25 Dec Wed	26 Dec Thu	27 Dec Fri
Level (m)			7.40	7.42	7.54	7.60	7.52	7.41	7.42
Flow (m ³ /s)			10.025	10.039	10.120	89.814	163.986	66.740	10.039
Average flow day before (m ³ /s)			11.477	10.029	10.078	44.329	127.365	80.768	19.070
Minimum flow day before (m ³ /s)			10.025	10.025	10.032	15.142	89.938	66.693	10.018
Maximum flow day before (m ³ /s)			15.009	10.039	10.120	89.814	165.234	133.977	29.782
Rainfall day before (mm)			0.0	0.0	59.5	0.0	0.0	0.0	0.0
Evaporation (mm)			4.5	7.0	8.5	5.0	9.0	6.0	4.0
Conductivity (mS/ml)			71.7	73.7	72.8	73.8	78.3	80.8	83.8
Lethabo river level (m)			2.53	2.56	2.55	2.54	2.54	2.57	2.54
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	10.025	21.4	21 Dec					
1	1x6"	10.039	21.5	22 Dec					
1	1x6"	10.120	21.7	23 Dec					
1	1x6"	89.814	21.4	24 Dec					
4	3x27"1x18"	163.986	22.7	25 Dec					
2	1x27"1x13.5	66.693	22.9	26 Dec					
1	1x6"	10.039	22.2	27 Dec					

VAAL DAM @ 06h00		21 Dec Sat	22 Dec Sun	23 Dec Mon	24 Dec Tue	25 Dec Wed	26 Dec Thu	27 Dec Fri
Level (m)		17.310	17.340	17.370	17.450	17.520	17.570	17.580
Full (%)		47.95	48.18	48.41	49.02	49.56	49.95	50.03
Inflow (m ³ /s)		94.99	86.14	259.75	100.10	61.46	71.10	64.28
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