

Sagonikala Dam

Location	23.5681° N, 77.4594° E
State	Madhya Pradesh
Nearest City	Berasia
Year of Completion	2004
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.8 m
Dam length	1005.0 m
Reservoir Area	733727.0 m ²
Gross storage capacity	2370000.0 m ³
Effective storage capacity	1659000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km ²
Perimeter of catchment	14.3 km
Basin Length	3997.2 m
Form factor	0.66627
Circularity ratio	0.65729
Elongation ratio	0.92074
Highest Stream order	6
Max elevation	497.0 m
Min elevation	467.0 m
Mean bifurcation ratio	2.2907
Stream frequency	69.8890 per km ²
Relief	30.00 m
Drainage density	8.8550 km/km ²
Length of overland flow	56.463 m

CATCHMENT CLIMATOLOGY

