

Bhitrigarh Dam

Location	23.6247° N, 80.4164° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1965
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Niwar
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.4 m
Dam length	259.0 m
Reservoir Area	1090000.0 m ²
Gross storage capacity	5250000.0 m ³
Effective storage capacity	5022000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.1 km ²
Perimeter of catchment	23.3 km
Basin Length	7109.5 m
Form factor	0.33924
Circularity ratio	0.39824
Elongation ratio	0.65700
Highest Stream order	5
Max elevation	612.0 m
Min elevation	447.0 m
Mean bifurcation ratio	6.6717
Stream frequency	80.4820 per km ²
Relief	165.00 m
Drainage density	10.8660 km/km ²
Length of overland flow	46.014 m

CATCHMENT CLIMATOLOGY

