

Chikhali Dam

Location	22.9492° N, 77.5917° E
State	Madhya Pradesh
Nearest City	Bhainsdehi
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	160.0 m
Reservoir Area	335000.0 m ²
Gross storage capacity	1682000.0 m ³
Effective storage capacity	1531000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.3 km ²
Perimeter of catchment	9.3 km
Basin Length	3022.9 m
Form factor	0.58028
Circularity ratio	0.76877
Elongation ratio	0.85926
Highest Stream order	5
Max elevation	594.0 m
Min elevation	455.0 m
Mean bifurcation ratio	2.9093
Stream frequency	93.1660 per km ²
Relief	139.00 m
Drainage density	13.1180 km/km ²
Length of overland flow	38.114 m

CATCHMENT CLIMATOLOGY

