

Chikhlatola Dam

Location	22.6031° N, 80.5228° E
State	Madhya Pradesh
Nearest City	Mandla
Year of Completion	1994
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1020.0 m
Reservoir Area	412000.0 m ²
Gross storage capacity	1350000.0 m ³
Effective storage capacity	1280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.3 km
Basin Length	2404.6 m
Form factor	0.36739
Circularity ratio	0.67550
Elongation ratio	0.68371
Highest Stream order	4
Max elevation	617.0 m
Min elevation	458.0 m
Mean bifurcation ratio	5.6960
Stream frequency	84.2620 per km ²
Relief	159.00 m
Drainage density	11.2660 km/km ²
Length of overland flow	44.380 m

CATCHMENT CLIMATOLOGY

