

Chhapani Dam

Location	22.8828° N, 81.5978° E
State	Madhya Pradesh
Nearest City	Pushprajgarh
Year of Completion	1980
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	645.0 m
Reservoir Area	140000.0 m ²
Gross storage capacity	495000.0 m ³
Effective storage capacity	420000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km ²
Perimeter of catchment	8.7 km
Basin Length	3066.9 m
Form factor	0.40067
Circularity ratio	0.62985
Elongation ratio	0.71401
Highest Stream order	4
Max elevation	1123.0 m
Min elevation	878.0 m
Mean bifurcation ratio	2.7605
Stream frequency	87.8320 per km ²
Relief	245.00 m
Drainage density	12.5960 km/km ²
Length of overland flow	39.695 m

CATCHMENT CLIMATOLOGY

