

Chaidipura Dam

Location	22.3611° N, 75.6597° E
State	Madhya Pradesh
Nearest City	Mhow
Year of Completion	1976
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.2 m
Dam length	840.0 m
Reservoir Area	359000.0 m ²
Gross storage capacity	1430000.0 m ³
Effective storage capacity	1270000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.1 km ²
Perimeter of catchment	12.9 km
Basin Length	4148.7 m
Form factor	0.46986
Circularity ratio	0.60671
Elongation ratio	0.77320
Highest Stream order	5
Max elevation	773.0 m
Min elevation	584.0 m
Mean bifurcation ratio	3.2900
Stream frequency	87.7950 per km ²
Relief	189.00 m
Drainage density	12.3350 km/km ²
Length of overland flow	40.534 m

CATCHMENT CLIMATOLOGY

