

Chhapi Dam

Location	24.0108° N, 76.3819° E
State	Madhya Pradesh
Nearest City	Khilchipur
Year of Completion	1972
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Chhapi
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	1829.0 m
Reservoir Area	4825000.0 m ²
Gross storage capacity	15740000.0 m ³
Effective storage capacity	13530000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	90.3 km ²
Perimeter of catchment	47.7 km
Basin Length	18507.0 m
Form factor	0.26374
Circularity ratio	0.49833
Elongation ratio	0.57929
Highest Stream order	6
Max elevation	450.0 m
Min elevation	382.0 m
Mean bifurcation ratio	2.3273
Stream frequency	72.8890 per km ²
Relief	68.00 m
Drainage density	9.5750 km/km ²
Length of overland flow	52.218 m

CATCHMENT CLIMATOLOGY

