

Chainpur Dam

Location	22.8700° N, 76.8772° E
State	Madhya Pradesh
Nearest City	Ichhwar
Year of Completion	Not Available
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.8 m
Dam length	1262.0 m
Reservoir Area	878000.0 m ²
Gross storage capacity	2484000.0 m ³
Effective storage capacity	2321000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.9 km ²
Perimeter of catchment	12.0 km
Basin Length	3672.0 m
Form factor	0.43701
Circularity ratio	0.51750
Elongation ratio	0.74569
Highest Stream order	4
Max elevation	548.0 m
Min elevation	427.0 m
Mean bifurcation ratio	2.9171
Stream frequency	71.4480 per km ²
Relief	121.00 m
Drainage density	9.3710 km/km ²
Length of overland flow	53.354 m

CATCHMENT CLIMATOLOGY

