

Pipliyapada Dam

Location	22.7900° N, 75.1450° E
State	Madhya Pradesh
Nearest City	Dhar
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	735.0 m
Reservoir Area	513000.0 m ²
Gross storage capacity	1626000.0 m ³
Effective storage capacity	1464000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.1 km ²
Perimeter of catchment	14.6 km
Basin Length	5330.1 m
Form factor	0.35695
Circularity ratio	0.60083
Elongation ratio	0.67392
Highest Stream order	5
Max elevation	553.0 m
Min elevation	513.0 m
Mean bifurcation ratio	2.0941
Stream frequency	69.4210 per km ²
Relief	40.00 m
Drainage density	8.9250 km/km ²
Length of overland flow	56.024 m

CATCHMENT CLIMATOLOGY

