

Piplyakala Dam

Location	23.9744° N, 76.4714° E
State	Madhya Pradesh
Nearest City	Khilchipur
Year of Completion	2002
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Gunjari
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.4 m
Dam length	975.0 m
Reservoir Area	1200000.0 m ²
Gross storage capacity	4824000.0 m ³
Effective storage capacity	4174000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.2 km ²
Perimeter of catchment	22.1 km
Basin Length	7475.1 m
Form factor	0.45156
Circularity ratio	0.64744
Elongation ratio	0.75800
Highest Stream order	6
Max elevation	449.0 m
Min elevation	405.0 m
Mean bifurcation ratio	6.0197
Stream frequency	72.2500 per km ²
Relief	44.00 m
Drainage density	9.4720 km/km ²
Length of overland flow	52.788 m

CATCHMENT CLIMATOLOGY

