

Pipaaliya Dam

Location	21.8753° N, 76.8983° E
State	Madhya Pradesh
Nearest City	Khandwa
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	517.0 m
Reservoir Area	280000.0 m ²
Gross storage capacity	717000.0 m ³
Effective storage capacity	634000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	8.2 km
Basin Length	2405.9 m
Form factor	0.69408
Circularity ratio	0.74348
Elongation ratio	0.93976
Highest Stream order	4
Max elevation	424.0 m
Min elevation	342.0 m
Mean bifurcation ratio	2.6557
Stream frequency	78.6550 per km ²
Relief	82.00 m
Drainage density	10.3170 km/km ²
Length of overland flow	48.462 m

CATCHMENT CLIMATOLOGY

