

Jhalpipli Dam

Location	22.9192° N, 77.3494° E
State	Madhya Pradesh
Nearest City	Ichhwar
Year of Completion	1997
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Utwali
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	274.3 m
Reservoir Area	313070.0 m ²
Gross storage capacity	1250570.0 m ³
Effective storage capacity	1142570.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	9.5 km
Basin Length	3021.6 m
Form factor	0.43696
Circularity ratio	0.55915
Elongation ratio	0.74564
Highest Stream order	4
Max elevation	513.0 m
Min elevation	463.0 m
Mean bifurcation ratio	2.3264
Stream frequency	75.6980 per km ²
Relief	50.00 m
Drainage density	9.6860 km/km ²
Length of overland flow	51.621 m

CATCHMENT CLIMATOLOGY

