

Padliya Dam

Location	22.3394° N, 75.1306° E
State	Madhya Pradesh
Nearest City	Bhikamgaon
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	825.0 m
Reservoir Area	1449000.0 m ²
Gross storage capacity	7390000.0 m ³
Effective storage capacity	5430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.2 km ²
Perimeter of catchment	14.0 km
Basin Length	4988.9 m
Form factor	0.44883
Circularity ratio	0.71187
Elongation ratio	0.75570
Highest Stream order	5
Max elevation	325.0 m
Min elevation	243.0 m
Mean bifurcation ratio	3.0352
Stream frequency	73.9400 per km ²
Relief	82.00 m
Drainage density	10.0180 km/km ²
Length of overland flow	49.913 m

CATCHMENT CLIMATOLOGY

