

## Chhewla Dam

Location	23.4414° N, 79.0019° E
State	Madhya Pradesh
Nearest City	Rehli
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Mod Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	465.0 m
Reservoir Area	277000.0 m <sup>2</sup>
Gross storage capacity	1267000.0 m <sup>3</sup>
Effective storage capacity	1207000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km <sup>2</sup>
Perimeter of catchment	8.4 km
Basin Length	2173.6 m
Form factor	0.84350
Circularity ratio	0.70466
Elongation ratio	1.03600
Highest Stream order	4
Max elevation	489.0 m
Min elevation	447.0 m
Mean bifurcation ratio	2.3462
Stream frequency	78.0370 per km <sup>2</sup>
Relief	42.00 m
Drainage density	10.4650 km/km <sup>2</sup>
Length of overland flow	47.777 m

## CATCHMENT CLIMATOLOGY

