

Dighanchi Dam

Location	17.5339° N, 74.8831° E
State	Maharashtra
Nearest City	Atpadi
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	880.0 m
Reservoir Area	640000.0 m ²
Gross storage capacity	4040000.0 m ³
Effective storage capacity	3335000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	107.9 km ²
Perimeter of catchment	61.4 km
Basin Length	24747.0 m
Form factor	0.17622
Circularity ratio	0.35981
Elongation ratio	0.47351
Highest Stream order	6
Max elevation	955.0 m
Min elevation	572.0 m
Mean bifurcation ratio	2.1431
Stream frequency	74.4350 per km ²
Relief	383.00 m
Drainage density	10.3580 km/km ²
Length of overland flow	48.273 m

CATCHMENT CLIMATOLOGY

