

Nideban Dam

Location	18.3747° N, 77.1492° E
State	Maharashtra
Nearest City	Udgir
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.1 m
Dam length	275.0 m
Reservoir Area	103039.0 m ²
Gross storage capacity	1356000.0 m ³
Effective storage capacity	1193000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.1 km ²
Perimeter of catchment	13.1 km
Basin Length	3806.8 m
Form factor	0.63129
Circularity ratio	0.67208
Elongation ratio	0.89624
Highest Stream order	5
Max elevation	648.0 m
Min elevation	573.0 m
Mean bifurcation ratio	2.9930
Stream frequency	74.6570 per km ²
Relief	75.00 m
Drainage density	10.1020 km/km ²
Length of overland flow	49.494 m

CATCHMENT CLIMATOLOGY

