

Shivani Dam

Location	18.9394° N, 75.8336° E
State	Maharashtra
Nearest City	Beed
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	677.0 m
Reservoir Area	760000.0 m ²
Gross storage capacity	2629000.0 m ³
Effective storage capacity	2367000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.3 km ²
Perimeter of catchment	24.1 km
Basin Length	8940.2 m
Form factor	0.34113
Circularity ratio	0.58812
Elongation ratio	0.65883
Highest Stream order	6
Max elevation	735.0 m
Min elevation	543.0 m
Mean bifurcation ratio	2.5287
Stream frequency	78.2300 per km ²
Relief	192.00 m
Drainage density	11.0760 km/km ²
Length of overland flow	45.142 m

CATCHMENT CLIMATOLOGY

