

Shivani Dam

Location	17.0111° N, 74.1192° E
State	Maharashtra
Nearest City	Shirala
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	1014.0 m
Reservoir Area	380000.0 m ²
Gross storage capacity	1690000.0 m ³
Effective storage capacity	1510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km ²
Perimeter of catchment	11.3 km
Basin Length	4133.7 m
Form factor	0.32452
Circularity ratio	0.54938
Elongation ratio	0.64258
Highest Stream order	4
Max elevation	772.0 m
Min elevation	626.0 m
Mean bifurcation ratio	5.1949
Stream frequency	75.9190 per km ²
Relief	146.00 m
Drainage density	10.6230 km/km ²
Length of overland flow	47.070 m

CATCHMENT CLIMATOLOGY

