

Shivani (Kelapur) Dam

Location	20.1583° N, 78.4306° E
State	Maharashtra
Nearest City	Ghatanji
Year of Completion	1985
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.6 m
Dam length	685.0 m
Reservoir Area	74600.0 m ²
Gross storage capacity	2010000.0 m ³
Effective storage capacity	1920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.4 km ²
Perimeter of catchment	11.9 km
Basin Length	4024.2 m
Form factor	0.45755
Circularity ratio	0.65331
Elongation ratio	0.76300
Highest Stream order	5
Max elevation	401.0 m
Min elevation	300.0 m
Mean bifurcation ratio	3.7663
Stream frequency	73.2840 per km ²
Relief	101.00 m
Drainage density	9.6110 km/km ²
Length of overland flow	52.025 m

CATCHMENT CLIMATOLOGY

