

Gaulane Dam

Location	19.9139° N, 73.7192° E
State	Maharashtra
Nearest City	Nashik
Year of Completion	1991
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	601.0 m
Reservoir Area	250000.0 m ²
Gross storage capacity	1043000.0 m ³
Effective storage capacity	930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	14.9 km
Basin Length	5875.6 m
Form factor	0.31481
Circularity ratio	0.61598
Elongation ratio	0.63290
Highest Stream order	5
Max elevation	897.0 m
Min elevation	629.0 m
Mean bifurcation ratio	5.6402
Stream frequency	82.2590 per km ²
Relief	268.00 m
Drainage density	11.8100 km/km ²
Length of overland flow	42.337 m

CATCHMENT CLIMATOLOGY

