

Gharni Dam

Location	18.3783° N, 76.8253° E
State	Maharashtra
Nearest City	Nilanga
Year of Completion	1969
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Gharni
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	2135.0 m
Reservoir Area	9480000.0 m ²
Gross storage capacity	25080000.0 m ³
Effective storage capacity	22460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	184.1 km ²
Perimeter of catchment	64.7 km
Basin Length	21122.0 m
Form factor	0.41264
Circularity ratio	0.55238
Elongation ratio	0.72459
Highest Stream order	7
Max elevation	710.0 m
Min elevation	582.0 m
Mean bifurcation ratio	2.2617
Stream frequency	74.1140 per km ²
Relief	128.00 m
Drainage density	10.2890 km/km ²
Length of overland flow	48.595 m

CATCHMENT CLIMATOLOGY

