

Ghatana Dam

Location	20.2458° N, 78.1175° E
State	Maharashtra
Nearest City	Yavatmal
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	11.2 m
Dam length	531.0 m
Reservoir Area	62020.0 m ²
Gross storage capacity	1294000.0 m ³
Effective storage capacity	1220000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.2 km ²
Perimeter of catchment	11.9 km
Basin Length	4260.4 m
Form factor	0.33921
Circularity ratio	0.54910
Elongation ratio	0.65696
Highest Stream order	5
Max elevation	408.0 m
Min elevation	318.0 m
Mean bifurcation ratio	2.3635
Stream frequency	77.7970 per km ²
Relief	90.00 m
Drainage density	10.3640 km/km ²
Length of overland flow	48.245 m

CATCHMENT CLIMATOLOGY

