

Ghonshi Dam

Location	18.5214° N, 77.1572° E
State	Maharashtra
Nearest City	Jalkot
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	15.6 m
Dam length	820.0 m
Reservoir Area	116000.0 m ²
Gross storage capacity	1243000.0 m ³
Effective storage capacity	1161000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.7 km ²
Perimeter of catchment	11.0 km
Basin Length	3156.6 m
Form factor	0.77487
Circularity ratio	0.80324
Elongation ratio	0.99294
Highest Stream order	5
Max elevation	544.0 m
Min elevation	485.0 m
Mean bifurcation ratio	2.2862
Stream frequency	81.2070 per km ²
Relief	59.00 m
Drainage density	11.5200 km/km ²
Length of overland flow	43.404 m

CATCHMENT CLIMATOLOGY

