

Ghanand Dam

Location	17.3806° N, 74.7392° E
State	Maharashtra
Nearest City	Atpadi
Year of Completion	1986
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.5 m
Dam length	812.0 m
Reservoir Area	1580000.0 m ²
Gross storage capacity	1440000.0 m ³
Effective storage capacity	1250000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.4 km ²
Perimeter of catchment	20.8 km
Basin Length	7347.6 m
Form factor	0.32312
Circularity ratio	0.50771
Elongation ratio	0.64120
Highest Stream order	5
Max elevation	863.0 m
Min elevation	705.0 m
Mean bifurcation ratio	2.2173
Stream frequency	77.5610 per km ²
Relief	158.00 m
Drainage density	10.8530 km/km ²
Length of overland flow	46.072 m

CATCHMENT CLIMATOLOGY

