

Ghotwade Dam

Location	18.6817° N, 73.3161° E
State	Maharashtra
Nearest City	Sundargarh
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.7 m
Dam length	715.0 m
Reservoir Area	570000.0 m ²
Gross storage capacity	2768000.0 m ³
Effective storage capacity	2584000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km ²
Perimeter of catchment	9.7 km
Basin Length	3166.7 m
Form factor	0.50711
Circularity ratio	0.67328
Elongation ratio	0.80327
Highest Stream order	5
Max elevation	340.0 m
Min elevation	47.0 m
Mean bifurcation ratio	2.6177
Stream frequency	92.4240 per km ²
Relief	293.00 m
Drainage density	13.5680 km/km ²
Length of overland flow	36.852 m

CATCHMENT CLIMATOLOGY

