

Ghagargaon Dam

Location	18.1650° N, 74.9531° E
State	Maharashtra
Nearest City	Indapur
Year of Completion	2003
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.9 m
Dam length	323.0 m
Reservoir Area	271000.0 m ²
Gross storage capacity	1317000.0 m ³
Effective storage capacity	1109000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.4 km ²
Perimeter of catchment	16.8 km
Basin Length	5356.9 m
Form factor	0.50162
Circularity ratio	0.64153
Elongation ratio	0.79891
Highest Stream order	6
Max elevation	573.0 m
Min elevation	501.0 m
Mean bifurcation ratio	2.1062
Stream frequency	72.1090 per km ²
Relief	72.00 m
Drainage density	9.6960 km/km ²
Length of overland flow	51.567 m

CATCHMENT CLIMATOLOGY

