

Ghanegaon Dam

Location	19.8661° N, 75.2058° E
State	Maharashtra
Nearest City	Gangapur.
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.2 m
Dam length	1040.0 m
Reservoir Area	454000.0 m ²
Gross storage capacity	1031000.0 m ³
Effective storage capacity	939000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.5 km ²
Perimeter of catchment	14.2 km
Basin Length	4938.0 m
Form factor	0.47191
Circularity ratio	0.71454
Elongation ratio	0.77489
Highest Stream order	5
Max elevation	644.0 m
Min elevation	533.0 m
Mean bifurcation ratio	2.2759
Stream frequency	73.1730 per km ²
Relief	111.00 m
Drainage density	9.7840 km/km ²
Length of overland flow	51.104 m

CATCHMENT CLIMATOLOGY

