

Gadhepimpalgaon Dam

Location	19.7583° N, 74.8661° E
State	Maharashtra
Nearest City	Vaijapur
Year of Completion	1975
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.5 m
Dam length	344.0 m
Reservoir Area	965000.0 m ²
Gross storage capacity	2010000.0 m ³
Effective storage capacity	1620000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	36.7 km ²
Perimeter of catchment	26.6 km
Basin Length	8820.1 m
Form factor	0.47116
Circularity ratio	0.64980
Elongation ratio	0.77427
Highest Stream order	5
Max elevation	538.0 m
Min elevation	493.0 m
Mean bifurcation ratio	2.1334
Stream frequency	66.8970 per km ²
Relief	45.00 m
Drainage density	8.7610 km/km ²
Length of overland flow	57.072 m

CATCHMENT CLIMATOLOGY

