

## Galan Dam

Location	20.5765° N, 75.2736° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	1969
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	1210.0 m
Reservoir Area	700000.0 m <sup>2</sup>
Gross storage capacity	2022000.0 m <sup>3</sup>
Effective storage capacity	1874000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.5 km <sup>2</sup>
Perimeter of catchment	19.8 km
Basin Length	7406.1 m
Form factor	0.30042
Circularity ratio	0.53083
Elongation ratio	0.61827
Highest Stream order	5
Max elevation	412.0 m
Min elevation	283.0 m
Mean bifurcation ratio	2.2091
Stream frequency	75.9180 per km <sup>2</sup>
Relief	129.00 m
Drainage density	10.3640 km/km <sup>2</sup>
Length of overland flow	48.244 m

## CATCHMENT CLIMATOLOGY

