

## Galan - li Dam

Location	20.5800° N, 75.2547° E
State	Maharashtra
Nearest City	Pachora
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.2 m
Dam length	921.0 m
Reservoir Area	780000.0 m <sup>2</sup>
Gross storage capacity	2649000.0 m <sup>3</sup>
Effective storage capacity	2319000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.8 km <sup>2</sup>
Perimeter of catchment	12.1 km
Basin Length	4271.8 m
Form factor	0.31710
Circularity ratio	0.49918
Elongation ratio	0.63520
Highest Stream order	4
Max elevation	358.0 m
Min elevation	287.0 m
Mean bifurcation ratio	2.5419
Stream frequency	71.2010 per km <sup>2</sup>
Relief	71.00 m
Drainage density	9.4840 km/km <sup>2</sup>
Length of overland flow	52.723 m

## CATCHMENT CLIMATOLOGY

