

## Satighat Dam

Location	20.8931° N, 79.4147° E
State	Maharashtra
Nearest City	Kuhi
Year of Completion	1963
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.2 m
Dam length	85.4 m
Reservoir Area	50000.0 m <sup>2</sup>
Gross storage capacity	3281000.0 m <sup>3</sup>
Effective storage capacity	3103000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.1 km <sup>2</sup>
Perimeter of catchment	11.3 km
Basin Length	3310.2 m
Form factor	0.64933
Circularity ratio	0.69716
Elongation ratio	0.90896
Highest Stream order	4
Max elevation	313.0 m
Min elevation	262.0 m
Mean bifurcation ratio	3.9056
Stream frequency	84.1890 per km <sup>2</sup>
Relief	51.00 m
Drainage density	12.1270 km/km <sup>2</sup>
Length of overland flow	41.230 m

## CATCHMENT CLIMATOLOGY

