

## Renapur Sudha Dam

Location	19.2500° N, 77.7167° E
State	Maharashtra
Nearest City	Bhokar
Year of Completion	2011
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	490.0 m
Reservoir Area	1753800.0 m <sup>2</sup>
Gross storage capacity	7950000.0 m <sup>3</sup>
Effective storage capacity	7427000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	101.2 km <sup>2</sup>
Perimeter of catchment	47.0 km
Basin Length	13705.0 m
Form factor	0.53867
Circularity ratio	0.57531
Elongation ratio	0.82789
Highest Stream order	6
Max elevation	540.0 m
Min elevation	407.0 m
Mean bifurcation ratio	2.2223
Stream frequency	77.2550 per km <sup>2</sup>
Relief	133.00 m
Drainage density	10.8740 km/km <sup>2</sup>
Length of overland flow	45.980 m

## CATCHMENT CLIMATOLOGY

