

## Sarai Sawangi Dam

Location	20.8994° N, 78.3146° E
State	Maharashtra
Nearest City	Kaij
Year of Completion	2005
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.5 m
Dam length	2040.0 m
Reservoir Area	590459.0 m <sup>2</sup>
Gross storage capacity	5890000.0 m <sup>3</sup>
Effective storage capacity	5890000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.5 km <sup>2</sup>
Perimeter of catchment	10.6 km
Basin Length	3132.0 m
Form factor	0.36093
Circularity ratio	0.39726
Elongation ratio	0.67767
Highest Stream order	4
Max elevation	379.0 m
Min elevation	296.0 m
Mean bifurcation ratio	2.1294
Stream frequency	73.7180 per km <sup>2</sup>
Relief	83.00 m
Drainage density	9.1400 km/km <sup>2</sup>
Length of overland flow	54.707 m

## CATCHMENT CLIMATOLOGY

