

Sawana Dam

Location	19.9083° N, 77.0708° E
State	Maharashtra
Nearest City	Hingoli
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.4 m
Dam length	915.0 m
Reservoir Area	702000.0 m ²
Gross storage capacity	2359000.0 m ³
Effective storage capacity	2154000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.3 km ²
Perimeter of catchment	18.3 km
Basin Length	5426.4 m
Form factor	0.68864
Circularity ratio	0.75897
Elongation ratio	0.93606
Highest Stream order	5
Max elevation	536.0 m
Min elevation	483.0 m
Mean bifurcation ratio	2.5264
Stream frequency	69.9790 per km ²
Relief	53.00 m
Drainage density	9.5460 km/km ²
Length of overland flow	52.377 m

CATCHMENT CLIMATOLOGY

