

Sugaon Dam

Location	18.9203° N, 77.4181° E
State	Maharashtra
Nearest City	Kandhar
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1043.0 m
Reservoir Area	1246000.0 m ²
Gross storage capacity	3478000.0 m ³
Effective storage capacity	3180000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25.4 km ²
Perimeter of catchment	23.8 km
Basin Length	8400.0 m
Form factor	0.36008
Circularity ratio	0.56318
Elongation ratio	0.67687
Highest Stream order	5
Max elevation	464.0 m
Min elevation	365.0 m
Mean bifurcation ratio	2.3308
Stream frequency	79.6230 per km ²
Relief	99.00 m
Drainage density	11.2190 km/km ²
Length of overland flow	44.567 m

CATCHMENT CLIMATOLOGY

