

Sobalgaon Dam

Location	20.1603° N, 75.3075° E
State	Maharashtra
Nearest City	Khultabad
Year of Completion	1990
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	1534.0 m
Reservoir Area	830000.0 m ²
Gross storage capacity	2342000.0 m ³
Effective storage capacity	2109000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.6 km ²
Perimeter of catchment	23.2 km
Basin Length	8106.4 m
Form factor	0.42076
Circularity ratio	0.64521
Elongation ratio	0.73169
Highest Stream order	6
Max elevation	856.0 m
Min elevation	676.0 m
Mean bifurcation ratio	2.3923
Stream frequency	86.9090 per km ²
Relief	180.00 m
Drainage density	12.5750 km/km ²
Length of overland flow	39.762 m

CATCHMENT CLIMATOLOGY

