

Sunasgaon Dam

Location	20.8039° N, 75.6308° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	2008
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.2 m
Dam length	2070.0 m
Reservoir Area	969500.0 m ²
Gross storage capacity	2365000.0 m ³
Effective storage capacity	1926000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	613.4 km ²
Perimeter of catchment	138.3 km
Basin Length	43994.0 m
Form factor	0.31693
Circularity ratio	0.40294
Elongation ratio	0.63502
Highest Stream order	8
Max elevation	790.0 m
Min elevation	249.0 m
Mean bifurcation ratio	16.4320
Stream frequency	72.9640 per km ²
Relief	541.00 m
Drainage density	9.9080 km/km ²
Length of overland flow	50.467 m

CATCHMENT CLIMATOLOGY

