

Sur Dam

Location	21.2753° N, 79.5139° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	2008
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Sur River
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.0 m
Dam length	1170.0 m
Reservoir Area	2620000.0 m ²
Gross storage capacity	10478100.0 m ³
Effective storage capacity	8298000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	437.9 km ²
Perimeter of catchment	112.0 km
Basin Length	39032.0 m
Form factor	0.28743
Circularity ratio	0.43913
Elongation ratio	0.60474
Highest Stream order	7
Max elevation	444.0 m
Min elevation	267.0 m
Mean bifurcation ratio	2.5126
Stream frequency	74.0500 per km ²
Relief	177.00 m
Drainage density	10.0840 km/km ²
Length of overland flow	49.584 m

CATCHMENT CLIMATOLOGY

