

Satkund Dam

Location	20.3133° N, 75.0889° E
State	Maharashtra
Nearest City	Kannad
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Satkund
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	1100.0 m
Reservoir Area	587000.0 m ²
Gross storage capacity	1805000.0 m ³
Effective storage capacity	1664000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.8 km ²
Perimeter of catchment	15.1 km
Basin Length	5615.5 m
Form factor	0.34266
Circularity ratio	0.59282
Elongation ratio	0.66030
Highest Stream order	5
Max elevation	933.0 m
Min elevation	675.0 m
Mean bifurcation ratio	2.4733
Stream frequency	82.3640 per km ²
Relief	258.00 m
Drainage density	11.6030 km/km ²
Length of overland flow	43.093 m

CATCHMENT CLIMATOLOGY

