

Surkhandi Dam

Location	20.0653° N, 77.1693° E
State	Maharashtra
Nearest City	Washim
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.9 m
Dam length	770.0 m
Reservoir Area	313830000.0 m ²
Gross storage capacity	13590000.0 m ³
Effective storage capacity	12840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	24.0 km ²
Perimeter of catchment	23.0 km
Basin Length	7215.2 m
Form factor	0.46114
Circularity ratio	0.56837
Elongation ratio	0.76599
Highest Stream order	5
Max elevation	562.0 m
Min elevation	511.0 m
Mean bifurcation ratio	2.2942
Stream frequency	69.1480 per km ²
Relief	51.00 m
Drainage density	9.0150 km/km ²
Length of overland flow	55.461 m

CATCHMENT CLIMATOLOGY

