

Satdudhani Dam

Location	17.4250° N, 76.2692° E
State	Maharashtra
Nearest City	Akkalkot
Year of Completion	2006
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1021.0 m
Reservoir Area	815000.0 m ²
Gross storage capacity	1980000.0 m ³
Effective storage capacity	1980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1706.6 km ²
Perimeter of catchment	214.0 km
Basin Length	76890.0 m
Form factor	0.28866
Circularity ratio	0.46840
Elongation ratio	0.60604
Highest Stream order	8
Max elevation	704.0 m
Min elevation	426.0 m
Mean bifurcation ratio	2.2650
Stream frequency	73.4680 per km ²
Relief	278.00 m
Drainage density	10.2400 km/km ²
Length of overland flow	48.830 m

CATCHMENT CLIMATOLOGY

