

Satapalli Dam

Location	19.8478° N, 78.6425° E
State	Maharashtra
Nearest City	Zarijamni
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	1270.0 m
Reservoir Area	700930.0 m ²
Gross storage capacity	2858000.0 m ³
Effective storage capacity	2698000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	12.7 km
Basin Length	4226.5 m
Form factor	0.60932
Circularity ratio	0.84253
Elongation ratio	0.88051
Highest Stream order	5
Max elevation	324.0 m
Min elevation	217.0 m
Mean bifurcation ratio	3.1826
Stream frequency	80.0210 per km ²
Relief	107.00 m
Drainage density	10.9620 km/km ²
Length of overland flow	45.612 m

CATCHMENT CLIMATOLOGY

