

Satnoor Dam

Location	21.5731° N, 78.2853° E
State	Maharashtra
Nearest City	Warud
Year of Completion	1980
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	1140.0 m
Reservoir Area	352000.0 m ²
Gross storage capacity	1540000.0 m ³
Effective storage capacity	1460000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.3 km ²
Perimeter of catchment	6.9 km
Basin Length	2211.9 m
Form factor	0.67052
Circularity ratio	0.86320
Elongation ratio	0.92366
Highest Stream order	4
Max elevation	616.0 m
Min elevation	478.0 m
Mean bifurcation ratio	4.1413
Stream frequency	81.3900 per km ²
Relief	138.00 m
Drainage density	11.5940 km/km ²
Length of overland flow	43.127 m

CATCHMENT CLIMATOLOGY

