

Nittur 1 Dam

Location	16.0042° N, 74.3594° E
State	Maharashtra
Nearest City	Chandagad
Year of Completion	2000
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.6 m
Dam length	425.0 m
Reservoir Area	260600.0 m ²
Gross storage capacity	1904000.0 m ³
Effective storage capacity	1883000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.8 km ²
Perimeter of catchment	7.1 km
Basin Length	2216.3 m
Form factor	0.57894
Circularity ratio	0.70190
Elongation ratio	0.85828
Highest Stream order	4
Max elevation	808.0 m
Min elevation	699.0 m
Mean bifurcation ratio	3.0210
Stream frequency	81.2280 per km ²
Relief	109.00 m
Drainage density	11.5350 km/km ²
Length of overland flow	43.347 m

CATCHMENT CLIMATOLOGY

