

Nagthana Dam

Location	21.5517° N, 78.2606° E
State	Maharashtra
Nearest City	Warud
Year of Completion	1990
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Chudamani
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.3 m
Dam length	1670.0 m
Reservoir Area	630000.0 m ²
Gross storage capacity	2250000.0 m ³
Effective storage capacity	1707000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	7.3 km
Basin Length	2746.1 m
Form factor	0.31092
Circularity ratio	0.55079
Elongation ratio	0.62898
Highest Stream order	3
Max elevation	644.0 m
Min elevation	460.0 m
Mean bifurcation ratio	2.6672
Stream frequency	81.8860 per km ²
Relief	184.00 m
Drainage density	10.9430 km/km ²
Length of overland flow	45.689 m

CATCHMENT CLIMATOLOGY

