

Nagthana Dam

Location	18.6306° N, 76.8250° E
State	Maharashtra
Nearest City	Ahmedpur
Year of Completion	1993
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.3 m
Dam length	1004.0 m
Reservoir Area	1670000.0 m ²
Gross storage capacity	6476000.0 m ³
Effective storage capacity	6176000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	68.4 km ²
Perimeter of catchment	38.2 km
Basin Length	11703.0 m
Form factor	0.49932
Circularity ratio	0.58829
Elongation ratio	0.79708
Highest Stream order	6
Max elevation	665.0 m
Min elevation	527.0 m
Mean bifurcation ratio	2.5723
Stream frequency	75.3350 per km ²
Relief	138.00 m
Drainage density	10.4730 km/km ²
Length of overland flow	47.740 m

CATCHMENT CLIMATOLOGY

