

Nasardi Dam

Location	21.0124° N, 74.9656° E
State	Maharashtra
Nearest City	Amalner
Year of Completion	1969
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Nali
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.1 m
Dam length	1011.0 m
Reservoir Area	840000.0 m ²
Gross storage capacity	2323000.0 m ³
Effective storage capacity	2071000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.6 km ²
Perimeter of catchment	25.5 km
Basin Length	8552.4 m
Form factor	0.41823
Circularity ratio	0.59291
Elongation ratio	0.72948
Highest Stream order	6
Max elevation	279.0 m
Min elevation	209.0 m
Mean bifurcation ratio	3.8281
Stream frequency	72.7670 per km ²
Relief	70.00 m
Drainage density	9.6930 km/km ²
Length of overland flow	51.583 m

CATCHMENT CLIMATOLOGY

