

Moravane Dam

Location	17.5508° N, 73.5989° E
State	Maharashtra
Nearest City	Chiplun
Year of Completion	2002
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.4 m
Dam length	525.0 m
Reservoir Area	377730.0 m ²
Gross storage capacity	3841000.0 m ³
Effective storage capacity	3662000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.9 km ²
Perimeter of catchment	11.7 km
Basin Length	3891.9 m
Form factor	0.52386
Circularity ratio	0.72393
Elongation ratio	0.81643
Highest Stream order	4
Max elevation	368.0 m
Min elevation	44.0 m
Mean bifurcation ratio	3.5441
Stream frequency	86.8330 per km ²
Relief	324.00 m
Drainage density	13.1350 km/km ²
Length of overland flow	38.067 m

CATCHMENT CLIMATOLOGY

