

Morde Dam

Location	17.0000° N, 73.6664° E
State	Maharashtra
Nearest City	Sangneshwar
Year of Completion	2001
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	28.9 m
Dam length	327.0 m
Reservoir Area	221800.0 m ²
Gross storage capacity	2091000.0 m ³
Effective storage capacity	2045450.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	5.8 km
Basin Length	1751.9 m
Form factor	0.69515
Circularity ratio	0.80208
Elongation ratio	0.94048
Highest Stream order	4
Max elevation	326.0 m
Min elevation	119.0 m
Mean bifurcation ratio	2.5259
Stream frequency	77.3410 per km ²
Relief	207.00 m
Drainage density	9.9810 km/km ²
Length of overland flow	50.098 m

CATCHMENT CLIMATOLOGY

