

Naigaon Deogaon Dam

Location	18.2931° N, 73.8908° E
State	Maharashtra
Nearest City	Purandar
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Gunjawani
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.5 m
Dam length	272.0 m
Reservoir Area	282000.0 m ²
Gross storage capacity	1320000.0 m ³
Effective storage capacity	1070000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	14.6 km ²
Perimeter of catchment	16.0 km
Basin Length	5288.3 m
Form factor	0.52220
Circularity ratio	0.71407
Elongation ratio	0.81513
Highest Stream order	5
Max elevation	998.0 m
Min elevation	700.0 m
Mean bifurcation ratio	2.3784
Stream frequency	78.1970 per km ²
Relief	298.00 m
Drainage density	11.0290 km/km ²
Length of overland flow	45.333 m

CATCHMENT CLIMATOLOGY

