

Shirgaon Dam

Location	16.3739° N, 73.5925° E
State	Maharashtra
Nearest City	Devgarh
Year of Completion	1979
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	330.0 m
Reservoir Area	1000000.0 m ²
Gross storage capacity	1608000.0 m ³
Effective storage capacity	1594000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.1 km ²
Perimeter of catchment	4.1 km
Basin Length	1177.8 m
Form factor	0.76634
Circularity ratio	0.81322
Elongation ratio	0.98746
Highest Stream order	4
Max elevation	217.0 m
Min elevation	139.0 m
Mean bifurcation ratio	3.2806
Stream frequency	86.5450 per km ²
Relief	78.00 m
Drainage density	11.1050 km/km ²
Length of overland flow	45.025 m

CATCHMENT CLIMATOLOGY

