

Shil Dam

Location	17.0372° N, 73.3467° E
State	Maharashtra
Nearest City	Ratnagiri
Year of Completion	1996
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Shil Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	m
Dam length	m
Reservoir Area	427957.0 m ²
Gross storage capacity	m ³
Effective storage capacity	m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.1 km ²
Perimeter of catchment	24.0 km
Basin Length	8485.0 m
Form factor	0.38990
Circularity ratio	0.61267
Elongation ratio	0.70434
Highest Stream order	5
Max elevation	286.0 m
Min elevation	11.0 m
Mean bifurcation ratio	2.9244
Stream frequency	79.3710 per km ²
Relief	275.00 m
Drainage density	11.2810 km/km ²
Length of overland flow	44.322 m

CATCHMENT CLIMATOLOGY

