

Sadagaon Ladachi Dam

Location	20.1047° N, 73.6167° E
State	Maharashtra
Nearest City	Nashik
Year of Completion	1998
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.6 m
Dam length	750.0 m
Reservoir Area	1035000.0 m ²
Gross storage capacity	5894000.0 m ³
Effective storage capacity	5807000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.6 km ²
Perimeter of catchment	12.3 km
Basin Length	3534.6 m
Form factor	0.68959
Circularity ratio	0.71336
Elongation ratio	0.93671
Highest Stream order	5
Max elevation	774.0 m
Min elevation	645.0 m
Mean bifurcation ratio	5.2502
Stream frequency	78.5820 per km ²
Relief	129.00 m
Drainage density	10.6790 km/km ²
Length of overland flow	46.822 m

CATCHMENT CLIMATOLOGY

