

Shalgaon Dam

Location	17.3928° N, 74.2789° E
State	Maharashtra
Nearest City	Khanapur.
Year of Completion	1976
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	900.0 m
Reservoir Area	780000.0 m ²
Gross storage capacity	2287000.0 m ³
Effective storage capacity	2069000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.7 km ²
Perimeter of catchment	18.0 km
Basin Length	5496.0 m
Form factor	0.68448
Circularity ratio	0.80383
Elongation ratio	0.93323
Highest Stream order	6
Max elevation	935.0 m
Min elevation	716.0 m
Mean bifurcation ratio	2.3325
Stream frequency	80.3380 per km ²
Relief	219.00 m
Drainage density	11.2410 km/km ²
Length of overland flow	44.481 m

CATCHMENT CLIMATOLOGY

