

Shelgaon (R) Dam

Location	17.9019° N, 75.8386° E
State	Maharashtra
Nearest City	Barshi
Year of Completion	1983
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.4 m
Dam length	1155.0 m
Reservoir Area	10100000.0 m ²
Gross storage capacity	3271510.0 m ³
Effective storage capacity	2690000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	37.1 km ²
Perimeter of catchment	27.0 km
Basin Length	9352.6 m
Form factor	0.42447
Circularity ratio	0.63879
Elongation ratio	0.73491
Highest Stream order	5
Max elevation	531.0 m
Min elevation	483.0 m
Mean bifurcation ratio	2.2769
Stream frequency	67.4400 per km ²
Relief	48.00 m
Drainage density	8.9630 km/km ²
Length of overland flow	55.788 m

CATCHMENT CLIMATOLOGY

