

Shirawali Dam

Location	17.7528° N, 73.4294° E
State	Maharashtra
Nearest City	Khed
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	West Coast
River	Local Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.8 m
Dam length	320.0 m
Reservoir Area	370000.0 m ²
Gross storage capacity	3365000.0 m ³
Effective storage capacity	2978000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.3 km ²
Perimeter of catchment	18.6 km
Basin Length	6031.4 m
Form factor	0.50324
Circularity ratio	0.66730
Elongation ratio	0.80019
Highest Stream order	5
Max elevation	473.0 m
Min elevation	23.0 m
Mean bifurcation ratio	2.6089
Stream frequency	89.9140 per km ²
Relief	450.00 m
Drainage density	13.8980 km/km ²
Length of overland flow	35.977 m

CATCHMENT CLIMATOLOGY

