

Shelarwadi Dam

Location	17.9292° N, 74.3322° E
State	Maharashtra
Nearest City	Khed
Year of Completion	2013
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Vashishti
Dam Type	Earthfill Embankment
Height above lowest foundation level	42.4 m
Dam length	723.0 m
Reservoir Area	1036700.0 m ²
Gross storage capacity	16234000.0 m ³
Effective storage capacity	15860000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	10.6 km
Basin Length	4626.0 m
Form factor	0.19192
Circularity ratio	0.45552
Elongation ratio	0.49416
Highest Stream order	4
Max elevation	692.0 m
Min elevation	614.0 m
Mean bifurcation ratio	2.7159
Stream frequency	73.7740 per km ²
Relief	78.00 m
Drainage density	9.9620 km/km ²
Length of overland flow	50.191 m

CATCHMENT CLIMATOLOGY

