

Shirvalwadi Dam

Location	17.5944° N, 76.3258° E
State	Maharashtra
Nearest City	Akkalkot
Year of Completion	1978
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	600.0 m
Reservoir Area	283400.0 m ²
Gross storage capacity	3261030.0 m ³
Effective storage capacity	2945000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.1 km ²
Perimeter of catchment	24.2 km
Basin Length	7924.1 m
Form factor	0.46279
Circularity ratio	0.62484
Elongation ratio	0.76736
Highest Stream order	5
Max elevation	575.0 m
Min elevation	471.0 m
Mean bifurcation ratio	2.4301
Stream frequency	82.1770 per km ²
Relief	104.00 m
Drainage density	11.9480 km/km ²
Length of overland flow	41.850 m

CATCHMENT CLIMATOLOGY

