

Shirsufal Dam

Location	18.3419° N, 74.6147° E
State	Maharashtra
Nearest City	Baramati
Year of Completion	1879
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.1 m
Dam length	741.0 m
Reservoir Area	1601000.0 m ²
Gross storage capacity	10100000.0 m ³
Effective storage capacity	9520000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	58.5 km ²
Perimeter of catchment	33.1 km
Basin Length	10815.0 m
Form factor	0.50007
Circularity ratio	0.67007
Elongation ratio	0.79767
Highest Stream order	6
Max elevation	635.0 m
Min elevation	540.0 m
Mean bifurcation ratio	2.2852
Stream frequency	75.1710 per km ²
Relief	95.00 m
Drainage density	10.4810 km/km ²
Length of overland flow	47.707 m

CATCHMENT CLIMATOLOGY

