

Walwad Dam

Location	18.3686° N, 75.8258° 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	14.7 m
Dam length	822.0 m
Reservoir Area	470000.0 m ²
Gross storage capacity	1190000.0 m ³
Effective storage capacity	906000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	20.2 km ²
Perimeter of catchment	22.6 km
Basin Length	7094.4 m
Form factor	0.40188
Circularity ratio	0.49829
Elongation ratio	0.71509
Highest Stream order	5
Max elevation	725.0 m
Min elevation	605.0 m
Mean bifurcation ratio	2.4772
Stream frequency	70.5490 per km ²
Relief	120.00 m
Drainage density	9.4300 km/km ²
Length of overland flow	53.021 m

CATCHMENT CLIMATOLOGY

