

Deulgaon Sidhi Dam

Location	18.9017° N, 74.7244° E
State	Maharashtra
Nearest City	Ahmadnagar
Year of Completion	1972
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Bongari
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	732.0 m
Reservoir Area	670000.0 m ²
Gross storage capacity	2322000.0 m ³
Effective storage capacity	1760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	29.1 km ²
Perimeter of catchment	24.5 km
Basin Length	7710.9 m
Form factor	0.48883
Circularity ratio	0.60879
Elongation ratio	0.78866
Highest Stream order	5
Max elevation	799.0 m
Min elevation	655.0 m
Mean bifurcation ratio	2.4110
Stream frequency	82.5050 per km ²
Relief	144.00 m
Drainage density	11.8590 km/km ²
Length of overland flow	42.164 m

CATCHMENT CLIMATOLOGY

