

Hoal Dam

Location	18.7128° N, 76.2428° E
State	Maharashtra
Nearest City	Kaij
Year of Completion	1973
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.5 m
Dam length	1189.0 m
Reservoir Area	972000.0 m ²
Gross storage capacity	1920000.0 m ³
Effective storage capacity	1780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.8 km ²
Perimeter of catchment	17.5 km
Basin Length	5831.9 m
Form factor	0.49506
Circularity ratio	0.68729
Elongation ratio	0.79367
Highest Stream order	5
Max elevation	715.0 m
Min elevation	654.0 m
Mean bifurcation ratio	2.5280
Stream frequency	77.3270 per km ²
Relief	61.00 m
Drainage density	10.9760 km/km ²
Length of overland flow	45.553 m

CATCHMENT CLIMATOLOGY

