

Hingani (K) Dam

Location	18.3139° N, 74.9378° E
State	Maharashtra
Nearest City	Karmala
Year of Completion	1974
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Kumbhar Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	749.8 m
Reservoir Area	720600.0 m ²
Gross storage capacity	2224000.0 m ³
Effective storage capacity	1869000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	35.9 km ²
Perimeter of catchment	26.5 km
Basin Length	8948.8 m
Form factor	0.44837
Circularity ratio	0.64295
Elongation ratio	0.75531
Highest Stream order	5
Max elevation	585.0 m
Min elevation	498.0 m
Mean bifurcation ratio	2.4211
Stream frequency	81.3230 per km ²
Relief	87.00 m
Drainage density	11.6140 km/km ²
Length of overland flow	43.051 m

CATCHMENT CLIMATOLOGY

