

Hiwara (Kd) Dam

Location	20.1575° N, 77.3850° E
State	Maharashtra
Nearest City	Manora
Year of Completion	2011
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.7 m
Dam length	870.0 m
Reservoir Area	804000.0 m ²
Gross storage capacity	2382000.0 m ³
Effective storage capacity	2180000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	13.9 km ²
Perimeter of catchment	18.0 km
Basin Length	5527.2 m
Form factor	0.45525
Circularity ratio	0.54219
Elongation ratio	0.76109
Highest Stream order	5
Max elevation	542.0 m
Min elevation	476.0 m
Mean bifurcation ratio	2.4795
Stream frequency	77.8700 per km ²
Relief	66.00 m
Drainage density	10.9330 km/km ²
Length of overland flow	45.732 m

CATCHMENT CLIMATOLOGY

