

Hivarkheda Dam

Location	20.6656° N, 75.7111° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	1982
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	1393.0 m
Reservoir Area	1330000.0 m ²
Gross storage capacity	5031000.0 m ³
Effective storage capacity	4666000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.7 km ²
Perimeter of catchment	18.4 km
Basin Length	7648.8 m
Form factor	0.18330
Circularity ratio	0.39764
Elongation ratio	0.48293
Highest Stream order	4
Max elevation	372.0 m
Min elevation	311.0 m
Mean bifurcation ratio	2.3365
Stream frequency	66.6750 per km ²
Relief	61.00 m
Drainage density	8.4820 km/km ²
Length of overland flow	58.951 m

CATCHMENT CLIMATOLOGY

