

Hijarya Nalla Dam

Location	20.6653° N, 75.7108° E
State	Maharashtra
Nearest City	Jamner
Year of Completion	2009
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Hijaryanalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	870.0 m
Reservoir Area	563000.0 m ²
Gross storage capacity	1854090.0 m ³
Effective storage capacity	1820000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km ²
Perimeter of catchment	18.3 km
Basin Length	7537.2 m
Form factor	0.18676
Circularity ratio	0.40002
Elongation ratio	0.48748
Highest Stream order	4
Max elevation	372.0 m
Min elevation	313.0 m
Mean bifurcation ratio	2.3273
Stream frequency	66.4490 per km ²
Relief	59.00 m
Drainage density	8.4520 km/km ²
Length of overland flow	59.159 m

CATCHMENT CLIMATOLOGY

