

Jutpani Dam

Location	21.5089° N, 76.9264° E
State	Maharashtra
Nearest City	Dharni
Year of Completion	1988
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	715.0 m
Reservoir Area	415000.0 m ²
Gross storage capacity	1196000.0 m ³
Effective storage capacity	1156000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.2 km ²
Perimeter of catchment	9.1 km
Basin Length	2896.9 m
Form factor	0.50305
Circularity ratio	0.63452
Elongation ratio	0.80005
Highest Stream order	4
Max elevation	400.0 m
Min elevation	331.0 m
Mean bifurcation ratio	2.3251
Stream frequency	79.1190 per km ²
Relief	69.00 m
Drainage density	10.6120 km/km ²
Length of overland flow	47.115 m

CATCHMENT CLIMATOLOGY

