

Gambhari Dam

Location	21.5108° N, 76.8064° 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	11.6 m
Dam length	720.0 m
Reservoir Area	438000.0 m ²
Gross storage capacity	1527000.0 m ³
Effective storage capacity	1417000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.9 km ²
Perimeter of catchment	11.1 km
Basin Length	3697.4 m
Form factor	0.50317
Circularity ratio	0.70731
Elongation ratio	0.80014
Highest Stream order	5
Max elevation	335.0 m
Min elevation	298.0 m
Mean bifurcation ratio	2.9775
Stream frequency	76.7590 per km ²
Relief	37.00 m
Drainage density	10.3590 km/km ²
Length of overland flow	48.268 m

CATCHMENT CLIMATOLOGY

