

Gyanganga Dam

Location	20.5397° N, 76.4147° E
State	Maharashtra
Nearest City	Khamgaon
Year of Completion	1971
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Gyanganga
Dam Type	Earthfill Embankment
Height above lowest foundation level	35.7 m
Dam length	639.0 m
Reservoir Area	4151000.0 m ²
Gross storage capacity	36260000.0 m ³
Effective storage capacity	33930000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	201.7 km ²
Perimeter of catchment	68.3 km
Basin Length	21675.0 m
Form factor	0.42923
Circularity ratio	0.54311
Elongation ratio	0.73902
Highest Stream order	7
Max elevation	639.0 m
Min elevation	375.0 m
Mean bifurcation ratio	2.3529
Stream frequency	72.6510 per km ²
Relief	264.00 m
Drainage density	9.8800 km/km ²
Length of overland flow	50.606 m

CATCHMENT CLIMATOLOGY

