

Purna Barrage Dam

Location	20.8886° N, 76.9303° E
State	Maharashtra
Nearest City	Telhara
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Tapi
River	Purna
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	415.6 m
Reservoir Area	1920000.0 m ²
Gross storage capacity	8179000.0 m ³
Effective storage capacity	8171000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8125.9 km ²
Perimeter of catchment	589.4 km
Basin Length	123120.0 m
Form factor	0.53608
Circularity ratio	0.29402
Elongation ratio	0.82589
Highest Stream order	9
Max elevation	1151.0 m
Min elevation	238.0 m
Mean bifurcation ratio	2.2452
Stream frequency	73.4300 per km ²
Relief	913.00 m
Drainage density	9.9500 km/km ²
Length of overland flow	50.249 m

CATCHMENT CLIMATOLOGY

