

Ghungashi Barrage Dam

Location	20.8517° N, 77.2739° E
State	Maharashtra
Nearest City	Murtijapur
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	29.5 m
Dam length	1050.0 m
Reservoir Area	792000.0 m ²
Gross storage capacity	17446000.0 m ³
Effective storage capacity	17269000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5144.0 km ²
Perimeter of catchment	558.8 km
Basin Length	106210.0 m
Form factor	0.45603
Circularity ratio	0.20707
Elongation ratio	0.76174
Highest Stream order	9
Max elevation	1121.0 m
Min elevation	256.0 m
Mean bifurcation ratio	2.6988
Stream frequency	72.7740 per km ²
Relief	865.00 m
Drainage density	9.8310 km/km ²
Length of overland flow	50.861 m

CATCHMENT CLIMATOLOGY

