

Ghatane Barrage Dam

Location	17.8483° N, 75.6686° E
State	Maharashtra
Nearest City	Osmanabad
Year of Completion	2014
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Krishna
River	Sina
Dam Type	Earthfill Embankment
Height above lowest foundation level	26.1 m
Dam length	142.5 m
Reservoir Area	1324660.0 m ²
Gross storage capacity	128000.0 m ³
Effective storage capacity	128000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10270.0 km ²
Perimeter of catchment	631.3 km
Basin Length	194130.0 m
Form factor	0.27252
Circularity ratio	0.32393
Elongation ratio	0.58886
Highest Stream order	9
Max elevation	960.0 m
Min elevation	446.0 m
Mean bifurcation ratio	2.1512
Stream frequency	74.9580 per km ²
Relief	514.00 m
Drainage density	10.5200 km/km ²
Length of overland flow	47.527 m

CATCHMENT CLIMATOLOGY

