

Ban Sagar Dam

Location	24.1856° N, 81.2878° E
State	Madhya Pradesh
Nearest City	Amarpatan
Year of Completion	2006
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Sone.
Dam Type	Other
Height above lowest foundation level	67.5 m
Dam length	405.0 m
Reservoir Area	519874041.0 m ²
Gross storage capacity	6370000000.0 m ³
Effective storage capacity	5430000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18680.0 km ²
Perimeter of catchment	977.7 km
Basin Length	200480.0 m
Form factor	0.46476
Circularity ratio	0.24562
Elongation ratio	0.76899
Highest Stream order	9
Max elevation	1155.0 m
Min elevation	277.0 m
Mean bifurcation ratio	2.1260
Stream frequency	73.4460 per km ²
Relief	878.00 m
Drainage density	9.8240 km/km ²
Length of overland flow	50.897 m

CATCHMENT CLIMATOLOGY

