

Baretha Bund Dam

Location	26.8975° N, 77.3725° E
State	Rajasthan
Nearest City	Bayana
Year of Completion	1897
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Gambhiri
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.3 m
Dam length	1200.0 m
Reservoir Area	13560000.0 m ²
Gross storage capacity	52638000.0 m ³
Effective storage capacity	50640000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	221.7 km ²
Perimeter of catchment	99.4 km
Basin Length	35711.0 m
Form factor	0.17381
Circularity ratio	0.28201
Elongation ratio	0.47027
Highest Stream order	7
Max elevation	389.0 m
Min elevation	193.0 m
Mean bifurcation ratio	4.2144
Stream frequency	79.2240 per km ²
Relief	196.00 m
Drainage density	10.6970 km/km ²
Length of overland flow	46.741 m

CATCHMENT CLIMATOLOGY

