

Gambhir (Phe) Dam

Location	23.2081° N, 75.6350° E
State	Madhya Pradesh
Nearest City	Bar Nagar
Year of Completion	1991
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Gambhir
Dam Type	Other
Height above lowest foundation level	32.0 m
Dam length	1230.0 m
Reservoir Area	9900000.0 m ²
Gross storage capacity	63720000.0 m ³
Effective storage capacity	63720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1287.3 km ²
Perimeter of catchment	243.5 km
Basin Length	89638.0 m
Form factor	0.16021
Circularity ratio	0.27296
Elongation ratio	0.45149
Highest Stream order	7
Max elevation	807.0 m
Min elevation	469.0 m
Mean bifurcation ratio	2.1180
Stream frequency	74.1990 per km ²
Relief	338.00 m
Drainage density	9.9310 km/km ²
Length of overland flow	50.346 m

CATCHMENT CLIMATOLOGY

