

Sahmsherpura Dam

Location	23.8731° N, 77.0892° E
State	Madhya Pradesh
Nearest City	Biaora
Year of Completion	1992
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Puchi
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.1 m
Dam length	915.0 m
Reservoir Area	1865000.0 m ²
Gross storage capacity	7264000.0 m ³
Effective storage capacity	6520000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.7 km ²
Perimeter of catchment	23.0 km
Basin Length	6463.0 m
Form factor	0.56819
Circularity ratio	0.56503
Elongation ratio	0.85027
Highest Stream order	6
Max elevation	540.0 m
Min elevation	443.0 m
Mean bifurcation ratio	2.4655
Stream frequency	83.3400 per km ²
Relief	97.00 m
Drainage density	11.6400 km/km ²
Length of overland flow	42.955 m

CATCHMENT CLIMATOLOGY

