

Bagan Dam

Location	22.9800° N, 81.6125° E
State	Madhya Pradesh
Nearest City	Pushpraj Garh
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Bagan
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.3 m
Dam length	570.0 m
Reservoir Area	280000.0 m ²
Gross storage capacity	917000.0 m ³
Effective storage capacity	892000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.9 km ²
Perimeter of catchment	8.8 km
Basin Length	2307.5 m
Form factor	0.92906
Circularity ratio	0.80112
Elongation ratio	1.08730
Highest Stream order	5
Max elevation	976.0 m
Min elevation	836.0 m
Mean bifurcation ratio	7.4421
Stream frequency	82.0750 per km ²
Relief	140.00 m
Drainage density	10.8530 km/km ²
Length of overland flow	46.072 m

CATCHMENT CLIMATOLOGY

