

Bhawanipur Dam

Location	24.8383° N, 80.5778° E
State	Madhya Pradesh
Nearest City	Panna
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Chipaha Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.9 m
Dam length	1116.0 m
Reservoir Area	411636.0 m ²
Gross storage capacity	250000.0 m ³
Effective storage capacity	210000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.6 km ²
Perimeter of catchment	14.5 km
Basin Length	4455.0 m
Form factor	0.53465
Circularity ratio	0.63074
Elongation ratio	0.82479
Highest Stream order	5
Max elevation	470.0 m
Min elevation	361.0 m
Mean bifurcation ratio	4.2331
Stream frequency	83.5910 per km ²
Relief	109.00 m
Drainage density	11.4080 km/km ²
Length of overland flow	43.829 m

CATCHMENT CLIMATOLOGY

