

## Shukhar Dam

Location	24.6378° N, 82.4461° E
State	Madhya Pradesh
Nearest City	Sidhi
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	24.3 m
Dam length	112.0 m
Reservoir Area	255000.0 m <sup>2</sup>
Gross storage capacity	2099000.0 m <sup>3</sup>
Effective storage capacity	1883000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	56.0 km <sup>2</sup>
Perimeter of catchment	43.0 km
Basin Length	13943.0 m
Form factor	0.28816
Circularity ratio	0.37998
Elongation ratio	0.60552
Highest Stream order	6
Max elevation	445.0 m
Min elevation	254.0 m
Mean bifurcation ratio	2.2044
Stream frequency	73.6330 per km <sup>2</sup>
Relief	191.00 m
Drainage density	9.5980 km/km <sup>2</sup>
Length of overland flow	52.095 m

## CATCHMENT CLIMATOLOGY

