

Sidhi Dam

Location	24.3600° N, 81.8892° E
State	Madhya Pradesh
Nearest City	Gopad Banas
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Hirun
Dam Type	Earthfill Embankment
Height above lowest foundation level	45.5 m
Dam length	233.0 m
Reservoir Area	1020000.0 m ²
Gross storage capacity	6863000.0 m ³
Effective storage capacity	6367000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.2 km ²
Perimeter of catchment	19.3 km
Basin Length	5201.0 m
Form factor	0.63688
Circularity ratio	0.58136
Elongation ratio	0.90020
Highest Stream order	5
Max elevation	483.0 m
Min elevation	309.0 m
Mean bifurcation ratio	2.3219
Stream frequency	76.6770 per km ²
Relief	174.00 m
Drainage density	10.1460 km/km ²
Length of overland flow	49.283 m

CATCHMENT CLIMATOLOGY

