

Sahibkhedi Dam

Location	23.2478° N, 75.8264° E
State	Madhya Pradesh
Nearest City	Ujjain
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Surasa
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	3450.0 m
Reservoir Area	3980000.0 m ²
Gross storage capacity	12460000.0 m ³
Effective storage capacity	10320000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	62.1 km ²
Perimeter of catchment	38.8 km
Basin Length	12184.0 m
Form factor	0.41818
Circularity ratio	0.51810
Elongation ratio	0.72944
Highest Stream order	6
Max elevation	541.0 m
Min elevation	474.0 m
Mean bifurcation ratio	2.2244
Stream frequency	74.5570 per km ²
Relief	67.00 m
Drainage density	9.9550 km/km ²
Length of overland flow	50.228 m

CATCHMENT CLIMATOLOGY

