

Bhaisakhedi Dam

Location	23.4100° N, 75.9469° E
State	Madhya Pradesh
Nearest City	Ujjain
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Kalisindh
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.7 m
Dam length	1275.0 m
Reservoir Area	2510000.0 m ²
Gross storage capacity	7560000.0 m ³
Effective storage capacity	5110000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	58.7 km ²
Perimeter of catchment	37.4 km
Basin Length	13131.0 m
Form factor	0.34061
Circularity ratio	0.52779
Elongation ratio	0.65832
Highest Stream order	6
Max elevation	532.0 m
Min elevation	471.0 m
Mean bifurcation ratio	2.1390
Stream frequency	70.0380 per km ²
Relief	61.00 m
Drainage density	8.9670 km/km ²
Length of overland flow	55.758 m

CATCHMENT CLIMATOLOGY

