

Bhaisawar Dam

Location	24.8164° N, 80.7056° E
State	Madhya Pradesh
Nearest City	Satna
Year of Completion	1978
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Khatari
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.9 m
Dam length	2165.0 m
Reservoir Area	1980000.0 m ²
Gross storage capacity	9980000.0 m ³
Effective storage capacity	9388000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.8 km ²
Perimeter of catchment	25.8 km
Basin Length	7415.2 m
Form factor	0.48743
Circularity ratio	0.50722
Elongation ratio	0.78752
Highest Stream order	5
Max elevation	477.0 m
Min elevation	375.0 m
Mean bifurcation ratio	2.2878
Stream frequency	76.6000 per km ²
Relief	102.00 m
Drainage density	10.2810 km/km ²
Length of overland flow	48.634 m

CATCHMENT CLIMATOLOGY

