

## Kotwal Dam

Location	26.4886° N, 78.1256° E
State	Madhya Pradesh
Nearest City	Morena
Year of Completion	1914
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Asan
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	1158.0 m
Reservoir Area	18390000.0 m <sup>2</sup>
Gross storage capacity	91550000.0 m <sup>3</sup>
Effective storage capacity	90382000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1098.0 km <sup>2</sup>
Perimeter of catchment	260.6 km
Basin Length	92443.0 m
Form factor	0.12849
Circularity ratio	0.20325
Elongation ratio	0.40434
Highest Stream order	8
Max elevation	424.0 m
Min elevation	149.0 m
Mean bifurcation ratio	2.2755
Stream frequency	77.3430 per km <sup>2</sup>
Relief	275.00 m
Drainage density	10.3840 km/km <sup>2</sup>
Length of overland flow	48.152 m

## CATCHMENT CLIMATOLOGY

