

## Basaura Dam

Location	23.9667° N, 82.5403° E
State	Madhya Pradesh
Nearest City	Singrauli
Year of Completion	1986
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.8 m
Dam length	516.0 m
Reservoir Area	226000.0 m <sup>2</sup>
Gross storage capacity	866000.0 m <sup>3</sup>
Effective storage capacity	818000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.0 km <sup>2</sup>
Perimeter of catchment	7.4 km
Basin Length	2161.8 m
Form factor	0.43257
Circularity ratio	0.46088
Elongation ratio	0.74188
Highest Stream order	3
Max elevation	348.0 m
Min elevation	293.0 m
Mean bifurcation ratio	3.0371
Stream frequency	69.2520 per km <sup>2</sup>
Relief	55.00 m
Drainage density	8.1130 km/km <sup>2</sup>
Length of overland flow	61.628 m

## CATCHMENT CLIMATOLOGY

