

## Sarra Dam

Location	23.7458° N, 80.4778° E
State	Madhya Pradesh
Nearest City	Mairwara
Year of Completion	1896
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Katni
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	743.7 m
Reservoir Area	1010000.0 m <sup>2</sup>
Gross storage capacity	3378000.0 m <sup>3</sup>
Effective storage capacity	2763000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.4 km <sup>2</sup>
Perimeter of catchment	23.4 km
Basin Length	6592.6 m
Form factor	0.63146
Circularity ratio	0.62790
Elongation ratio	0.89636
Highest Stream order	6
Max elevation	459.0 m
Min elevation	394.0 m
Mean bifurcation ratio	2.3493
Stream frequency	73.5660 per km <sup>2</sup>
Relief	65.00 m
Drainage density	9.5090 km/km <sup>2</sup>
Length of overland flow	52.585 m

## CATCHMENT CLIMATOLOGY

