

## Bijana Dam

Location	22.4514° N, 79.4147° E
State	Madhya Pradesh
Nearest City	Lakhnadon
Year of Completion	1977
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Bijna
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.7 m
Dam length	810.0 m
Reservoir Area	1790000.0 m <sup>2</sup>
Gross storage capacity	9517000.0 m <sup>3</sup>
Effective storage capacity	8557000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	26.1 km <sup>2</sup>
Perimeter of catchment	23.3 km
Basin Length	7559.8 m
Form factor	0.45731
Circularity ratio	0.60574
Elongation ratio	0.76280
Highest Stream order	6
Max elevation	731.0 m
Min elevation	604.0 m
Mean bifurcation ratio	3.6023
Stream frequency	80.1600 per km <sup>2</sup>
Relief	127.00 m
Drainage density	11.3190 km/km <sup>2</sup>
Length of overland flow	44.175 m

## CATCHMENT CLIMATOLOGY

