

Jamonia Dam

Location	23.2400° N, 77.1092° E
State	Madhya Pradesh
Nearest City	Sehore
Year of Completion	1938
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	2160.0 m
Reservoir Area	3770000.0 m ²
Gross storage capacity	12496000.0 m ³
Effective storage capacity	11327000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.7 km ²
Perimeter of catchment	20.5 km
Basin Length	7195.0 m
Form factor	0.45818
Circularity ratio	0.71172
Elongation ratio	0.76354
Highest Stream order	5
Max elevation	530.0 m
Min elevation	486.0 m
Mean bifurcation ratio	2.1290
Stream frequency	73.8640 per km ²
Relief	44.00 m
Drainage density	9.8780 km/km ²
Length of overland flow	50.617 m

CATCHMENT CLIMATOLOGY

