

Jamunia Dam

Location	23.7517° N, 79.4089° E
State	Madhya Pradesh
Nearest City	Damoh
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Modar Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.1 m
Dam length	1740.0 m
Reservoir Area	1620000.0 m ²
Gross storage capacity	4210000.0 m ³
Effective storage capacity	3920000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.6 km ²
Perimeter of catchment	15.9 km
Basin Length	4862.4 m
Form factor	0.49179
Circularity ratio	0.57671
Elongation ratio	0.79104
Highest Stream order	5
Max elevation	436.0 m
Min elevation	375.0 m
Mean bifurcation ratio	2.1776
Stream frequency	79.9840 per km ²
Relief	61.00 m
Drainage density	10.9070 km/km ²
Length of overland flow	45.840 m

CATCHMENT CLIMATOLOGY

