

Jamunhai Dam

Location	24.6814° N, 80.3058° E
State	Madhya Pradesh
Nearest City	Panna
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	1185.0 m
Reservoir Area	350286.0 m ²
Gross storage capacity	897000.0 m ³
Effective storage capacity	820000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.1 km ²
Perimeter of catchment	10.7 km
Basin Length	3427.8 m
Form factor	0.43001
Circularity ratio	0.55987
Elongation ratio	0.73969
Highest Stream order	4
Max elevation	455.0 m
Min elevation	422.0 m
Mean bifurcation ratio	2.3078
Stream frequency	77.9780 per km ²
Relief	33.00 m
Drainage density	10.4910 km/km ²
Length of overland flow	47.658 m

CATCHMENT CLIMATOLOGY

