

Jamni Dam

Location	24.3697° N, 78.6844° E
State	Uttar Pradesh
Nearest City	Mahrauni
Year of Completion	1973
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Jamni
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	6400.0 m
Reservoir Area	247235000.0 m ²
Gross storage capacity	92490000.0 m ³
Effective storage capacity	84020000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.2 km ²
Perimeter of catchment	23.1 km
Basin Length	8250.9 m
Form factor	0.34032
Circularity ratio	0.54802
Elongation ratio	0.65804
Highest Stream order	5
Max elevation	505.0 m
Min elevation	383.0 m
Mean bifurcation ratio	2.2295
Stream frequency	82.8300 per km ²
Relief	122.00 m
Drainage density	11.6910 km/km ²
Length of overland flow	42.767 m

CATCHMENT CLIMATOLOGY

