

Rupaniyakhal Dam

Location	23.7950° N, 75.1714° E
State	Madhya Pradesh
Nearest City	Joura
Year of Completion	1997
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.3 m
Dam length	820.0 m
Reservoir Area	395980.0 m ²
Gross storage capacity	13570000.0 m ³
Effective storage capacity	11305000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	96.2 km ²
Perimeter of catchment	45.0 km
Basin Length	14199.0 m
Form factor	0.47731
Circularity ratio	0.59633
Elongation ratio	0.77931
Highest Stream order	7
Max elevation	524.0 m
Min elevation	446.0 m
Mean bifurcation ratio	2.9177
Stream frequency	72.2540 per km ²
Relief	78.00 m
Drainage density	9.5310 km/km ²
Length of overland flow	52.461 m

CATCHMENT CLIMATOLOGY

