

Lakhnoute Dam

Location	23.6842° N, 81.4778° E
State	Madhya Pradesh
Nearest City	Jaisingh Nagar
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	420.0 m
Reservoir Area	464700.0 m ²
Gross storage capacity	1470000.0 m ³
Effective storage capacity	1340000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.0 km ²
Perimeter of catchment	9.3 km
Basin Length	3063.3 m
Form factor	0.42785
Circularity ratio	0.57832
Elongation ratio	0.73783
Highest Stream order	5
Max elevation	484.0 m
Min elevation	453.0 m
Mean bifurcation ratio	2.7561
Stream frequency	78.9590 per km ²
Relief	31.00 m
Drainage density	10.8580 km/km ²
Length of overland flow	46.051 m

CATCHMENT CLIMATOLOGY

