

Kakarhai Dam

Location	24.4749° N, 80.2580° E
State	Madhya Pradesh
Nearest City	Panna
Year of Completion	1969
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.7 m
Dam length	1440.0 m
Reservoir Area	349022.0 m ²
Gross storage capacity	618000.0 m ³
Effective storage capacity	564000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	0.8 km ²
Perimeter of catchment	3.8 km
Basin Length	1186.5 m
Form factor	0.56654
Circularity ratio	0.70706
Elongation ratio	0.84904
Highest Stream order	3
Max elevation	372.0 m
Min elevation	343.0 m
Mean bifurcation ratio	2.2532
Stream frequency	85.2540 per km ²
Relief	29.00 m
Drainage density	11.2860 km/km ²
Length of overland flow	44.302 m

CATCHMENT CLIMATOLOGY

