

Kakarhai Dam

Location	23.2817° N, 80.0658° E
State	Madhya Pradesh
Nearest City	Jabalpur
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	360.0 m
Reservoir Area	404000.0 m ²
Gross storage capacity	89000.0 m ³
Effective storage capacity	73000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.6 km ²
Perimeter of catchment	9.2 km
Basin Length	3200.9 m
Form factor	0.35306
Circularity ratio	0.54250
Elongation ratio	0.67024
Highest Stream order	4
Max elevation	481.0 m
Min elevation	406.0 m
Mean bifurcation ratio	2.6905
Stream frequency	98.4160 per km ²
Relief	75.00 m
Drainage density	14.4850 km/km ²
Length of overland flow	34.517 m

CATCHMENT CLIMATOLOGY

