

Karmai Dam

Location	24.1386° N, 81.3411° E
State	Madhya Pradesh
Nearest City	Sidhi
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	17.0 m
Dam length	110.0 m
Reservoir Area	24684.0 m ²
Gross storage capacity	1408000.0 m ³
Effective storage capacity	1260000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	261.0 km ²
Perimeter of catchment	76.6 km
Basin Length	22539.0 m
Form factor	0.51378
Circularity ratio	0.55895
Elongation ratio	0.80853
Highest Stream order	7
Max elevation	586.0 m
Min elevation	308.0 m
Mean bifurcation ratio	2.2712
Stream frequency	75.1820 per km ²
Relief	278.00 m
Drainage density	10.0190 km/km ²
Length of overland flow	49.906 m

CATCHMENT CLIMATOLOGY

