

## Madai Dam

Location	23.3464° N, 80.1286° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1966
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Madai
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.9 m
Dam length	307.0 m
Reservoir Area	2456000.0 m <sup>2</sup>
Gross storage capacity	870000.0 m <sup>3</sup>
Effective storage capacity	839000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	28.4 km <sup>2</sup>
Perimeter of catchment	26.6 km
Basin Length	10038.0 m
Form factor	0.28209
Circularity ratio	0.50674
Elongation ratio	0.59910
Highest Stream order	5
Max elevation	542.0 m
Min elevation	399.0 m
Mean bifurcation ratio	2.2751
Stream frequency	76.5550 per km <sup>2</sup>
Relief	143.00 m
Drainage density	10.3560 km/km <sup>2</sup>
Length of overland flow	48.279 m

## CATCHMENT CLIMATOLOGY

