

## Lapti Dam

Location	22.8458° N, 81.7553° E
State	Madhya Pradesh
Nearest City	Pushprajgarh
Year of Completion	1984
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	960.0 m
Reservoir Area	312000.0 m <sup>2</sup>
Gross storage capacity	1508000.0 m <sup>3</sup>
Effective storage capacity	1442000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.9 km <sup>2</sup>
Perimeter of catchment	10.1 km
Basin Length	3154.1 m
Form factor	0.39446
Circularity ratio	0.48691
Elongation ratio	0.70845
Highest Stream order	4
Max elevation	1056.0 m
Min elevation	885.0 m
Mean bifurcation ratio	2.6105
Stream frequency	77.4680 per km <sup>2</sup>
Relief	171.00 m
Drainage density	9.9720 km/km <sup>2</sup>
Length of overland flow	50.139 m

## CATCHMENT CLIMATOLOGY

