

## Longerpura Dam

Location	23.5972° N, 77.5364° E
State	Madhya Pradesh
Nearest City	Berasia
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	11.3 m
Dam length	253.4 m
Reservoir Area	387000.0 m <sup>2</sup>
Gross storage capacity	1316000.0 m <sup>3</sup>
Effective storage capacity	1222000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.2 km <sup>2</sup>
Perimeter of catchment	6.9 km
Basin Length	2094.8 m
Form factor	0.50491
Circularity ratio	0.58228
Elongation ratio	0.80152
Highest Stream order	4
Max elevation	547.0 m
Min elevation	473.0 m
Mean bifurcation ratio	2.8664
Stream frequency	91.6210 per km <sup>2</sup>
Relief	74.00 m
Drainage density	13.2360 km/km <sup>2</sup>
Length of overland flow	37.775 m

## CATCHMENT CLIMATOLOGY

