

## Chirchitta Dam

Location	22.9958° N, 79.5469° E
State	Madhya Pradesh
Nearest City	Narsinghpur
Year of Completion	1974
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.9 m
Dam length	897.0 m
Reservoir Area	1118000.0 m <sup>2</sup>
Gross storage capacity	2619000.0 m <sup>3</sup>
Effective storage capacity	2536000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.8 km <sup>2</sup>
Perimeter of catchment	13.4 km
Basin Length	4157.2 m
Form factor	0.45317
Circularity ratio	0.54691
Elongation ratio	0.75935
Highest Stream order	5
Max elevation	466.0 m
Min elevation	381.0 m
Mean bifurcation ratio	3.0113
Stream frequency	77.6330 per km <sup>2</sup>
Relief	85.00 m
Drainage density	10.5560 km/km <sup>2</sup>
Length of overland flow	47.366 m

## CATCHMENT CLIMATOLOGY

