

## Anandikhedi Dam

Location	22.6861° N, 75.0561° E
State	Madhya Pradesh
Nearest City	Sardarpur
Year of Completion	1988
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Mahi
River	Ruparel Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	1150.0 m
Reservoir Area	1016000.0 m <sup>2</sup>
Gross storage capacity	3656000.0 m <sup>3</sup>
Effective storage capacity	3214000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	23.6 km <sup>2</sup>
Perimeter of catchment	22.9 km
Basin Length	8284.5 m
Form factor	0.34448
Circularity ratio	0.56462
Elongation ratio	0.66205
Highest Stream order	6
Max elevation	565.0 m
Min elevation	505.0 m
Mean bifurcation ratio	2.4306
Stream frequency	73.5120 per km <sup>2</sup>
Relief	60.00 m
Drainage density	9.6780 km/km <sup>2</sup>
Length of overland flow	51.663 m

## CATCHMENT CLIMATOLOGY

