

## Kethan Dam

Location	24.0950° N, 77.6664° E
State	Madhya Pradesh
Nearest City	Sironj
Year of Completion	1975
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Kethan
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.4 m
Dam length	900.0 m
Reservoir Area	3690000.0 m <sup>2</sup>
Gross storage capacity	19157000.0 m <sup>3</sup>
Effective storage capacity	17574000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	66.4 km <sup>2</sup>
Perimeter of catchment	37.5 km
Basin Length	10683.0 m
Form factor	0.58153
Circularity ratio	0.59306
Elongation ratio	0.86020
Highest Stream order	6
Max elevation	530.0 m
Min elevation	465.0 m
Mean bifurcation ratio	2.4833
Stream frequency	76.8770 per km <sup>2</sup>
Relief	65.00 m
Drainage density	10.3520 km/km <sup>2</sup>
Length of overland flow	48.301 m

## CATCHMENT CLIMATOLOGY

