

## Kasanpal Dam

Location	18.6883° N, 81.7711° E
State	Chhattisgarh
Nearest City	Konta
Year of Completion	1982
Operated and Maintained by	Chhattisgarh Water Resources Department
River Basin	Godavari
River	Kasanpal
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.3 m
Dam length	570.0 m
Reservoir Area	260000.0 m <sup>2</sup>
Gross storage capacity	920000.0 m <sup>3</sup>
Effective storage capacity	780000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.8 km <sup>2</sup>
Perimeter of catchment	8.7 km
Basin Length	2675.8 m
Form factor	0.53469
Circularity ratio	0.63329
Elongation ratio	0.82482
Highest Stream order	5
Max elevation	421.0 m
Min elevation	283.0 m
Mean bifurcation ratio	3.1150
Stream frequency	80.1940 per km <sup>2</sup>
Relief	138.00 m
Drainage density	11.1020 km/km <sup>2</sup>
Length of overland flow	45.036 m

## CATCHMENT CLIMATOLOGY

