

## Satak Dam

Location	23.0542° N, 75.5383° E
State	Madhya Pradesh
Nearest City	Kasrawad
Year of Completion	1960
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Satak
Dam Type	Earthfill Embankment
Height above lowest foundation level	25.0 m
Dam length	1650.0 m
Reservoir Area	4530500.0 m <sup>2</sup>
Gross storage capacity	25610000.0 m <sup>3</sup>
Effective storage capacity	19860000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.7 km <sup>2</sup>
Perimeter of catchment	6.1 km
Basin Length	1511.8 m
Form factor	0.74279
Circularity ratio	0.57005
Elongation ratio	0.97217
Highest Stream order	3
Max elevation	502.0 m
Min elevation	484.0 m
Mean bifurcation ratio	2.4095
Stream frequency	80.6960 per km <sup>2</sup>
Relief	18.00 m
Drainage density	9.9150 km/km <sup>2</sup>
Length of overland flow	50.429 m

## CATCHMENT CLIMATOLOGY

