

## Sonkheda Dam

Location	20.1342° N, 75.3339° E
State	Maharashtra
Nearest City	Jafrabad.
Year of Completion	Not Available
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Kai
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.3 m
Dam length	1372.0 m
Reservoir Area	8687.0 m <sup>2</sup>
Gross storage capacity	3610000.0 m <sup>3</sup>
Effective storage capacity	2817000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.2 km <sup>2</sup>
Perimeter of catchment	5.6 km
Basin Length	1581.5 m
Form factor	0.47209
Circularity ratio	0.47801
Elongation ratio	0.77503
Highest Stream order	4
Max elevation	785.0 m
Min elevation	658.0 m
Mean bifurcation ratio	4.1718
Stream frequency	92.3090 per km <sup>2</sup>
Relief	127.00 m
Drainage density	11.4840 km/km <sup>2</sup>
Length of overland flow	43.540 m

## CATCHMENT CLIMATOLOGY

