

Sonkhed Dam

Location	19.0400° N, 77.2303° E
State	Maharashtra
Nearest City	Kandhar
Year of Completion	1970
Operated and Maintained by	Maharashtra Water Resources Department
River Basin	Godavari
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.4 m
Dam length	1006.0 m
Reservoir Area	125000.0 m ²
Gross storage capacity	1342000.0 m ³
Effective storage capacity	1203000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.1 km ²
Perimeter of catchment	13.8 km
Basin Length	4411.3 m
Form factor	0.51711
Circularity ratio	0.66015
Elongation ratio	0.81115
Highest Stream order	5
Max elevation	487.0 m
Min elevation	380.0 m
Mean bifurcation ratio	2.4928
Stream frequency	81.1920 per km ²
Relief	107.00 m
Drainage density	11.2490 km/km ²
Length of overland flow	44.450 m

CATCHMENT CLIMATOLOGY

