

Sonkhedi Dam

Location	21.8139° N, 78.3125° E
State	Madhya Pradesh
Nearest City	Multai
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Godavari
River	Hatodoh Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.9 m
Dam length	1116.0 m
Reservoir Area	1400000.0 m ²
Gross storage capacity	5456000.0 m ³
Effective storage capacity	4595000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.3 km ²
Perimeter of catchment	11.4 km
Basin Length	4078.3 m
Form factor	0.37629
Circularity ratio	0.60588
Elongation ratio	0.69194
Highest Stream order	5
Max elevation	811.0 m
Min elevation	748.0 m
Mean bifurcation ratio	2.6445
Stream frequency	75.7360 per km ²
Relief	63.00 m
Drainage density	10.1810 km/km ²
Length of overland flow	49.112 m

CATCHMENT CLIMATOLOGY

