

Surkipondi Dam

Location	23.4333° N, 80.4314° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1968
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Mod Nadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.8 m
Dam length	1333.0 m
Reservoir Area	1386000.0 m ²
Gross storage capacity	4317000.0 m ³
Effective storage capacity	3980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	31.3 km ²
Perimeter of catchment	26.1 km
Basin Length	8794.2 m
Form factor	0.40487
Circularity ratio	0.57775
Elongation ratio	0.71774
Highest Stream order	6
Max elevation	639.0 m
Min elevation	431.0 m
Mean bifurcation ratio	2.4797
Stream frequency	80.2560 per km ²
Relief	208.00 m
Drainage density	11.0490 km/km ²
Length of overland flow	45.254 m

CATCHMENT CLIMATOLOGY

