

Sursatola Dam

Location	22.9128° N, 81.0347° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1983
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.9 m
Dam length	520.0 m
Reservoir Area	140000.0 m ²
Gross storage capacity	550000.0 m ³
Effective storage capacity	512000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.2 km ²
Perimeter of catchment	7.0 km
Basin Length	2391.5 m
Form factor	0.55412
Circularity ratio	0.80771
Elongation ratio	0.83967
Highest Stream order	4
Max elevation	855.0 m
Min elevation	682.0 m
Mean bifurcation ratio	2.7300
Stream frequency	86.1420 per km ²
Relief	173.00 m
Drainage density	12.0500 km/km ²
Length of overland flow	41.495 m

CATCHMENT CLIMATOLOGY

