

Sustikheda Dam

Location	21.8039° N, 74.8619° E
State	Madhya Pradesh
Nearest City	Barwani
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	16.1 m
Dam length	314.0 m
Reservoir Area	188000.0 m ²
Gross storage capacity	931000.0 m ³
Effective storage capacity	787000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.9 km ²
Perimeter of catchment	16.3 km
Basin Length	4858.4 m
Form factor	0.46058
Circularity ratio	0.51218
Elongation ratio	0.76553
Highest Stream order	5
Max elevation	665.0 m
Min elevation	434.0 m
Mean bifurcation ratio	3.0914
Stream frequency	83.1520 per km ²
Relief	231.00 m
Drainage density	11.7920 km/km ²
Length of overland flow	42.401 m

CATCHMENT CLIMATOLOGY

