

Sarangpur Dam

Location	23.5231° N, 80.3883° E
State	Madhya Pradesh
Nearest City	Sihora
Year of Completion	1984
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.0 m
Dam length	805.0 m
Reservoir Area	380000.0 m ²
Gross storage capacity	880000.0 m ³
Effective storage capacity	759000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.0 km ²
Perimeter of catchment	11.7 km
Basin Length	3915.3 m
Form factor	0.39331
Circularity ratio	0.55393
Elongation ratio	0.70742
Highest Stream order	5
Max elevation	522.0 m
Min elevation	423.0 m
Mean bifurcation ratio	2.7992
Stream frequency	71.3180 per km ²
Relief	99.00 m
Drainage density	8.8090 km/km ²
Length of overland flow	56.761 m

CATCHMENT CLIMATOLOGY

