

Murgiri Dam

Location	23.2586° N, 80.9267° E
State	Madhya Pradesh
Nearest City	Sambalpur
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Ghatprabha
Dam Type	Earthfill Embankment
Height above lowest foundation level	19.2 m
Dam length	795.0 m
Reservoir Area	180000.0 m ²
Gross storage capacity	773000.0 m ³
Effective storage capacity	722000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.3 km ²
Perimeter of catchment	11.2 km
Basin Length	3425.7 m
Form factor	0.62072
Circularity ratio	0.73551
Elongation ratio	0.88871
Highest Stream order	5
Max elevation	954.0 m
Min elevation	818.0 m
Mean bifurcation ratio	2.4869
Stream frequency	82.6440 per km ²
Relief	136.00 m
Drainage density	11.4950 km/km ²
Length of overland flow	43.497 m

CATCHMENT CLIMATOLOGY

