

Kulgari Dam

Location	24.4769° N, 80.7303° E
State	Madhya Pradesh
Nearest City	Satna
Year of Completion	1972
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Durha
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.6 m
Dam length	1437.0 m
Reservoir Area	1750000.0 m ²
Gross storage capacity	9400000.0 m ³
Effective storage capacity	8761000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	27.0 km ²
Perimeter of catchment	24.2 km
Basin Length	8804.5 m
Form factor	0.34868
Circularity ratio	0.58156
Elongation ratio	0.66607
Highest Stream order	5
Max elevation	610.0 m
Min elevation	334.0 m
Mean bifurcation ratio	2.4298
Stream frequency	87.3490 per km ²
Relief	276.00 m
Drainage density	12.4980 km/km ²
Length of overland flow	40.007 m

CATCHMENT CLIMATOLOGY

