

Kuari Dam

Location	25.0344° N, 81.7275° E
State	Madhya Pradesh
Nearest City	Satna
Year of Completion	1982
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	10.0 m
Dam length	1110.0 m
Reservoir Area	198000.0 m ²
Gross storage capacity	1198000.0 m ³
Effective storage capacity	1102000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10616.0 km ²
Perimeter of catchment	656.8 km
Basin Length	192890.0 m
Form factor	0.28533
Circularity ratio	0.30936
Elongation ratio	0.60254
Highest Stream order	9
Max elevation	684.0 m
Min elevation	82.0 m
Mean bifurcation ratio	2.1252
Stream frequency	73.0810 per km ²
Relief	602.00 m
Drainage density	9.6560 km/km ²
Length of overland flow	51.780 m

CATCHMENT CLIMATOLOGY

