

Koka Dam

Location	24.3033° N, 81.2000° E
State	Madhya Pradesh
Nearest City	Amarpatan
Year of Completion	1985
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.9 m
Dam length	222.0 m
Reservoir Area	492000.0 m ²
Gross storage capacity	3190000.0 m ³
Effective storage capacity	3058000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	9.9 km ²
Perimeter of catchment	14.2 km
Basin Length	5768.6 m
Form factor	0.29768
Circularity ratio	0.62183
Elongation ratio	0.61543
Highest Stream order	5
Max elevation	683.0 m
Min elevation	443.0 m
Mean bifurcation ratio	3.7733
Stream frequency	89.9490 per km ²
Relief	240.00 m
Drainage density	13.1500 km/km ²
Length of overland flow	38.023 m

CATCHMENT CLIMATOLOGY

