

Kolar Dam

Location	22.9614° N, 77.3419° E
State	Madhya Pradesh
Nearest City	Sehore
Year of Completion	1990
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Kolar
Dam Type	Composite Concrete and Earth fill
Height above lowest foundation level	45.0 m
Dam length	1020.0 m
Reservoir Area	23800000.0 m ²
Gross storage capacity	270000000.0 m ³
Effective storage capacity	265000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	509.9 km ²
Perimeter of catchment	123.1 km
Basin Length	34640.0 m
Form factor	0.42494
Circularity ratio	0.42291
Elongation ratio	0.73532
Highest Stream order	8
Max elevation	590.0 m
Min elevation	432.0 m
Mean bifurcation ratio	20.8520
Stream frequency	69.6470 per km ²
Relief	158.00 m
Drainage density	9.0820 km/km ²
Length of overland flow	55.051 m

CATCHMENT CLIMATOLOGY

