

Kansel Dam

Location	21.9144° N, 75.0592° E
State	Madhya Pradesh
Nearest City	Barwani
Year of Completion	1979
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Narmada
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.9 m
Dam length	320.0 m
Reservoir Area	490000.0 m ²
Gross storage capacity	1335000.0 m ³
Effective storage capacity	1216000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	7.5 km
Basin Length	3367.9 m
Form factor	0.20209
Circularity ratio	0.51580
Elongation ratio	0.50708
Highest Stream order	4
Max elevation	425.0 m
Min elevation	298.0 m
Mean bifurcation ratio	3.7880
Stream frequency	78.5280 per km ²
Relief	127.00 m
Drainage density	9.6210 km/km ²
Length of overland flow	51.972 m

CATCHMENT CLIMATOLOGY

