

Kalrewa Dam

Location	23.8036° N, 79.4875° E
State	Madhya Pradesh
Nearest City	Damoh
Year of Completion	1981
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.7 m
Dam length	570.0 m
Reservoir Area	220000.0 m ²
Gross storage capacity	1360000.0 m ³
Effective storage capacity	1275000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	15.1 km ²
Perimeter of catchment	17.1 km
Basin Length	6226.3 m
Form factor	0.38857
Circularity ratio	0.65038
Elongation ratio	0.70315
Highest Stream order	5
Max elevation	440.0 m
Min elevation	356.0 m
Mean bifurcation ratio	2.0242
Stream frequency	70.3680 per km ²
Relief	84.00 m
Drainage density	9.0420 km/km ²
Length of overland flow	55.298 m

CATCHMENT CLIMATOLOGY

