

Kirmala Dam

Location	21.4772° N, 75.2247° E
State	Madhya Pradesh
Nearest City	Sendhwa
Year of Completion	1980
Operated and Maintained by	Madhya Pradesh Water Resources Department
River Basin	Tapi
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	384.0 m
Reservoir Area	270000.0 m ²
Gross storage capacity	1600000.0 m ³
Effective storage capacity	780000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	5.5 km ²
Perimeter of catchment	11.5 km
Basin Length	3408.4 m
Form factor	0.47668
Circularity ratio	0.52886
Elongation ratio	0.77879
Highest Stream order	5
Max elevation	442.0 m
Min elevation	323.0 m
Mean bifurcation ratio	3.7042
Stream frequency	83.0670 per km ²
Relief	119.00 m
Drainage density	11.2090 km/km ²
Length of overland flow	44.607 m

CATCHMENT CLIMATOLOGY

