

Kailash Ghati Dam

Location	24.8933° N, 85.9256° E
State	Bihar
Nearest City	Jamui
Year of Completion	1980
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Kailash Ghati.
Dam Type	Earthfill Embankment
Height above lowest foundation level	31.5 m
Dam length	183.0 m
Reservoir Area	1020000.0 m ²
Gross storage capacity	3571000.0 m ³
Effective storage capacity	3152000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	18.8 km ²
Perimeter of catchment	23.6 km
Basin Length	10694.0 m
Form factor	0.16416
Circularity ratio	0.42495
Elongation ratio	0.45703
Highest Stream order	5
Max elevation	424.0 m
Min elevation	87.0 m
Mean bifurcation ratio	2.5139
Stream frequency	81.3300 per km ²
Relief	337.00 m
Drainage density	11.2970 km/km ²
Length of overland flow	44.259 m

CATCHMENT CLIMATOLOGY

