

Babhani Khand Dam

Location	24.3014° N, 83.5136° E
State	Jharkhand
Nearest City	Garhwa
Year of Completion	Not Available
Operated and Maintained by	Jharkhand Water Resources Department
River Basin	Ganga
River	Banki
Dam Type	Earthfill Embankment
Height above lowest foundation level	13.1 m
Dam length	823.0 m
Reservoir Area	143631.0 m ²
Gross storage capacity	2314300.0 m ³
Effective storage capacity	2156400.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.8 km ²
Perimeter of catchment	14.2 km
Basin Length	5392.2 m
Form factor	0.30271
Circularity ratio	0.55031
Elongation ratio	0.62062
Highest Stream order	5
Max elevation	359.0 m
Min elevation	246.0 m
Mean bifurcation ratio	2.5485
Stream frequency	78.0530 per km ²
Relief	113.00 m
Drainage density	10.0920 km/km ²
Length of overland flow	49.543 m

CATCHMENT CLIMATOLOGY

