

Jalkund Dam

Location	25.2350° N, 86.5358° E
State	Bihar
Nearest City	Munger
Year of Completion	1968
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Jalkund.
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	631.1 m
Reservoir Area	690300.0 m ²
Gross storage capacity	3085000.0 m ³
Effective storage capacity	2776500.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	7.0 km ²
Perimeter of catchment	10.7 km
Basin Length	3837.9 m
Form factor	0.47420
Circularity ratio	0.76018
Elongation ratio	0.77677
Highest Stream order	5
Max elevation	397.0 m
Min elevation	75.0 m
Mean bifurcation ratio	2.4121
Stream frequency	84.4700 per km ²
Relief	322.00 m
Drainage density	11.2760 km/km ²
Length of overland flow	44.341 m

CATCHMENT CLIMATOLOGY

