

Barnar Dam

Location	24.6236° N, 86.3242° E
State	Bihar
Nearest City	Jamui
Year of Completion	Not Available
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Barnar.
Dam Type	Other
Height above lowest foundation level	76.8 m
Dam length	282.7 m
Reservoir Area	3750000.0 m ²
Gross storage capacity	80210000.0 m ³
Effective storage capacity	70770000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	263.8 km ²
Perimeter of catchment	75.5 km
Basin Length	22987.0 m
Form factor	0.49920
Circularity ratio	0.58154
Elongation ratio	0.79698
Highest Stream order	7
Max elevation	548.0 m
Min elevation	158.0 m
Mean bifurcation ratio	2.2337
Stream frequency	74.6990 per km ²
Relief	390.00 m
Drainage density	9.8630 km/km ²
Length of overland flow	50.695 m

CATCHMENT CLIMATOLOGY

