

Morway Dam

Location	25.1325° N, 86.2192° E
State	Bihar
Nearest City	Munger
Year of Completion	1969
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Morway.
Dam Type	Earthfill Embankment
Height above lowest foundation level	33.4 m
Dam length	533.5 m
Reservoir Area	16200000.0 m ²
Gross storage capacity	14570000.0 m ³
Effective storage capacity	12370000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	61.7 km ²
Perimeter of catchment	45.3 km
Basin Length	18302.0 m
Form factor	0.18419
Circularity ratio	0.37750
Elongation ratio	0.48411
Highest Stream order	6
Max elevation	441.0 m
Min elevation	70.0 m
Mean bifurcation ratio	2.7552
Stream frequency	86.0330 per km ²
Relief	371.00 m
Drainage density	12.1970 km/km ²
Length of overland flow	40.993 m

CATCHMENT CLIMATOLOGY

