

Amrity Dam

Location	24.8892° N, 86.1022° E
State	Bihar
Nearest City	Jamui
Year of Completion	1965
Operated and Maintained by	Bihar Water Resources Department
River Basin	Ganga
River	Amrity.
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.6 m
Dam length	166.2 m
Reservoir Area	166000.0 m ²
Gross storage capacity	4920000.0 m ³
Effective storage capacity	4348000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.4 km ²
Perimeter of catchment	19.2 km
Basin Length	5243.2 m
Form factor	0.63408
Circularity ratio	0.59706
Elongation ratio	0.89822
Highest Stream order	5
Max elevation	488.0 m
Min elevation	92.0 m
Mean bifurcation ratio	2.5989
Stream frequency	93.6230 per km ²
Relief	396.00 m
Drainage density	14.1710 km/km ²
Length of overland flow	35.283 m

CATCHMENT CLIMATOLOGY

