

Gumti Hydro Electric Dam

Location	23.4258° N, 91.8222° E
State	Tripura
Nearest City	Amarpur
Year of Completion	1975
Operated and Maintained by	Tripura Water Resources Department
River Basin	Brahmaputra
River	Gumti.
Dam Type	Other
Height above lowest foundation level	30.0 m
Dam length	103.0 m
Reservoir Area	708500.0 m ²
Gross storage capacity	328500.0 m ³
Effective storage capacity	312000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	564.7 km ²
Perimeter of catchment	129.9 km
Basin Length	35558.0 m
Form factor	0.44664
Circularity ratio	0.42059
Elongation ratio	0.75386
Highest Stream order	8
Max elevation	385.0 m
Min elevation	57.0 m
Mean bifurcation ratio	2.6957
Stream frequency	69.9640 per km ²
Relief	328.00 m
Drainage density	9.0240 km/km ²
Length of overland flow	55.411 m

CATCHMENT CLIMATOLOGY

Data not available.