

Murta Dam

Location	24.7853° N, 82.6128° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1975
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Local
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.8 m
Dam length	585.0 m
Reservoir Area	258912.0 m ²
Gross storage capacity	1042000.0 m ³
Effective storage capacity	760000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	19.0 km ²
Perimeter of catchment	20.5 km
Basin Length	7830.5 m
Form factor	0.30965
Circularity ratio	0.56946
Elongation ratio	0.62769
Highest Stream order	5
Max elevation	307.0 m
Min elevation	242.0 m
Mean bifurcation ratio	2.2289
Stream frequency	74.4210 per km ²
Relief	65.00 m
Drainage density	9.9940 km/km ²
Length of overland flow	50.032 m

CATCHMENT CLIMATOLOGY

