

Dhartidolwa Dam

Location	24.4500° N, 83.3358° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	1958
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	12.2 m
Dam length	838.0 m
Reservoir Area	40964.0 m ²
Gross storage capacity	793000.0 m ³
Effective storage capacity	555100.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	1.8 km ²
Perimeter of catchment	7.7 km
Basin Length	2307.9 m
Form factor	0.34456
Circularity ratio	0.38853
Elongation ratio	0.66213
Highest Stream order	3
Max elevation	308.0 m
Min elevation	208.0 m
Mean bifurcation ratio	2.6749
Stream frequency	78.4600 per km ²
Relief	100.00 m
Drainage density	10.2210 km/km ²
Length of overland flow	48.918 m

CATCHMENT CLIMATOLOGY

