

Newari Dam

Location	24.6514° N, 83.3067° E
State	Uttar Pradesh
Nearest City	Robertsganj
Year of Completion	Not Available
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	15.4 m
Dam length	1218.0 m
Reservoir Area	67444.0 m ²
Gross storage capacity	1250000.0 m ³
Effective storage capacity	980000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.3 km ²
Perimeter of catchment	7.7 km
Basin Length	2435.1 m
Form factor	0.38951
Circularity ratio	0.48931
Elongation ratio	0.70399
Highest Stream order	4
Max elevation	436.0 m
Min elevation	336.0 m
Mean bifurcation ratio	2.8231
Stream frequency	89.1920 per km ²
Relief	100.00 m
Drainage density	12.4540 km/km ²
Length of overland flow	40.146 m

CATCHMENT CLIMATOLOGY

