

Nanauti Dam

Location	24.9864° N, 82.7806° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1963
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	13.7 m
Dam length	1400.0 m
Reservoir Area	196293.0 m ²
Gross storage capacity	340280000.0 m ³
Effective storage capacity	340280000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.7 km ²
Perimeter of catchment	14.4 km
Basin Length	5622.2 m
Form factor	0.37119
Circularity ratio	0.70953
Elongation ratio	0.68724
Highest Stream order	5
Max elevation	267.0 m
Min elevation	129.0 m
Mean bifurcation ratio	2.1259
Stream frequency	87.7880 per km ²
Relief	138.00 m
Drainage density	12.6780 km/km ²
Length of overland flow	39.440 m

CATCHMENT CLIMATOLOGY

