

Rihand Dam

Location	24.2028° N, 83.0061° E
State	Uttar Pradesh
Nearest City	Dudhi
Year of Completion	1962
Operated and Maintained by	Uttarakhand Jal Vidyut Nigam Limited
River Basin	Ganga
River	Rihand
Dam Type	Other
Height above lowest foundation level	91.5 m
Dam length	934.5 m
Reservoir Area	466000000.0 m ²
Gross storage capacity	10600000000.0 m ³
Effective storage capacity	8900000000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	12817.0 km ²
Perimeter of catchment	808.0 km
Basin Length	188520.0 m
Form factor	0.36062
Circularity ratio	0.24676
Elongation ratio	0.67738
Highest Stream order	9
Max elevation	1225.0 m
Min elevation	176.0 m
Mean bifurcation ratio	2.1238
Stream frequency	77.5540 per km ²
Relief	1049.00 m
Drainage density	10.6580 km/km ²
Length of overland flow	46.912 m

CATCHMENT CLIMATOLOGY

