

Bhainsora Dam

Location	24.7806° N, 83.2203° E
State	Uttar Pradesh
Nearest City	Varanasi
Year of Completion	1926
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Marhwa Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	11.3 m
Dam length	1850.6 m
Reservoir Area	3688223.0 m ²
Gross storage capacity	19830000.0 m ³
Effective storage capacity	13881000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	62.8 km ²
Perimeter of catchment	39.9 km
Basin Length	10675.0 m
Form factor	0.55087
Circularity ratio	0.49556
Elongation ratio	0.83721
Highest Stream order	6
Max elevation	324.0 m
Min elevation	273.0 m
Mean bifurcation ratio	2.5807
Stream frequency	78.4870 per km ²
Relief	51.00 m
Drainage density	10.6830 km/km ²
Length of overland flow	46.805 m

CATCHMENT CLIMATOLOGY

