

Jirgo Dam

Location	25.0492° N, 82.9533° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	1958
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Jirgo
Dam Type	Earthfill Embankment
Height above lowest foundation level	29.9 m
Dam length	6704.0 m
Reservoir Area	307200000.0 m ²
Gross storage capacity	150850000.0 m ³
Effective storage capacity	132720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	397.9 km ²
Perimeter of catchment	98.7 km
Basin Length	27705.0 m
Form factor	0.51833
Circularity ratio	0.51322
Elongation ratio	0.81211
Highest Stream order	8
Max elevation	311.0 m
Min elevation	79.0 m
Mean bifurcation ratio	3.5834
Stream frequency	82.2370 per km ²
Relief	232.00 m
Drainage density	11.5910 km/km ²
Length of overland flow	43.136 m

CATCHMENT CLIMATOLOGY

