

Jamathua Dam

Location	25.0528° N, 82.5222° E
State	Uttar Pradesh
Nearest City	Mirzapur
Year of Completion	Not Available
Operated and Maintained by	Uttar Pradesh Irrigation and Water Resources Department
River Basin	Ganga
River	Jamathua Nala
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.2 m
Dam length	600.0 m
Reservoir Area	1606887.0 m ²
Gross storage capacity	2125000.0 m ³
Effective storage capacity	1889000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	42.1 km ²
Perimeter of catchment	33.4 km
Basin Length	11707.0 m
Form factor	0.30693
Circularity ratio	0.47279
Elongation ratio	0.62492
Highest Stream order	6
Max elevation	240.0 m
Min elevation	125.0 m
Mean bifurcation ratio	2.4218
Stream frequency	78.6090 per km ²
Relief	115.00 m
Drainage density	10.7150 km/km ²
Length of overland flow	46.666 m

CATCHMENT CLIMATOLOGY

