

Juggar Dam

Location	26.7200° N, 77.0961° E
State	Rajasthan
Nearest City	Hindaun
Year of Completion	1957
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Juggar Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	1585.0 m
Reservoir Area	8210000.0 m ²
Gross storage capacity	34970000.0 m ³
Effective storage capacity	31510000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	220.3 km ²
Perimeter of catchment	85.1 km
Basin Length	22160.0 m
Form factor	0.44867
Circularity ratio	0.38278
Elongation ratio	0.75556
Highest Stream order	7
Max elevation	386.0 m
Min elevation	221.0 m
Mean bifurcation ratio	2.4660
Stream frequency	77.3340 per km ²
Relief	165.00 m
Drainage density	10.3330 km/km ²
Length of overland flow	48.390 m

CATCHMENT CLIMATOLOGY

