

Jude Ka Naka Dam

Location	25.3697° N, 74.7125° E
State	Rajasthan
Nearest City	Bhilwara
Year of Completion	1999
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Local Nalla
Dam Type	Earthfill Embankment
Height above lowest foundation level	18.7 m
Dam length	1010.0 m
Reservoir Area	500000.0 m ²
Gross storage capacity	1780000.0 m ³
Effective storage capacity	1720000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2009.8 km ²
Perimeter of catchment	294.0 km
Basin Length	103930.0 m
Form factor	0.18606
Circularity ratio	0.29221
Elongation ratio	0.48656
Highest Stream order	9
Max elevation	913.0 m
Min elevation	396.0 m
Mean bifurcation ratio	2.0484
Stream frequency	70.8770 per km ²
Relief	517.00 m
Drainage density	9.1200 km/km ²
Length of overland flow	54.825 m

CATCHMENT CLIMATOLOGY

