

Dudka li Dam

Location	23.8119° N, 74.3378° E
State	Rajasthan
Nearest City	Ghatol
Year of Completion	1987
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Mahi
River	Local Nallah
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.6 m
Dam length	275.0 m
Reservoir Area	64300.0 m ²
Gross storage capacity	1270000.0 m ³
Effective storage capacity	1150000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	8.8 km ²
Perimeter of catchment	12.9 km
Basin Length	4597.5 m
Form factor	0.41411
Circularity ratio	0.66535
Elongation ratio	0.72588
Highest Stream order	5
Max elevation	267.0 m
Min elevation	185.0 m
Mean bifurcation ratio	2.4053
Stream frequency	73.4600 per km ²
Relief	82.00 m
Drainage density	9.1830 km/km ²
Length of overland flow	54.449 m

CATCHMENT CLIMATOLOGY

