

Jhadol Dam

Location	25.4431° N, 74.9111° E
State	Rajasthan
Nearest City	Kotri
Year of Completion	1980
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Banas
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.5 m
Dam length	870.0 m
Reservoir Area	4430000.0 m ²
Gross storage capacity	10335000.0 m ³
Effective storage capacity	9287000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	122.9 km ²
Perimeter of catchment	52.8 km
Basin Length	17861.0 m
Form factor	0.38528
Circularity ratio	0.55434
Elongation ratio	0.70016
Highest Stream order	7
Max elevation	415.0 m
Min elevation	349.0 m
Mean bifurcation ratio	2.2403
Stream frequency	70.1480 per km ²
Relief	66.00 m
Drainage density	8.9060 km/km ²
Length of overland flow	56.145 m

CATCHMENT CLIMATOLOGY

