

Chakan Dam

Location	25.8006° N, 76.2322° E
State	Rajasthan
Nearest City	Bundi
Year of Completion	Not Available
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Ganga
River	Chakan
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	3270.0 m
Reservoir Area	3740000.0 m ²
Gross storage capacity	12890000.0 m ³
Effective storage capacity	10110000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	382.2 km ²
Perimeter of catchment	92.1 km
Basin Length	24482.0 m
Form factor	0.63770
Circularity ratio	0.56674
Elongation ratio	0.90078
Highest Stream order	7
Max elevation	450.0 m
Min elevation	226.0 m
Mean bifurcation ratio	2.5064
Stream frequency	74.5050 per km ²
Relief	224.00 m
Drainage density	9.7430 km/km ²
Length of overland flow	51.319 m

CATCHMENT CLIMATOLOGY

