

Kantaliya Dam

Location	25.7486° N, 73.8525° E
State	Rajasthan
Nearest City	Kharchi
Year of Completion	2000
Operated and Maintained by	Rajasthan Water Resources Department
River Basin	Sabarmati
River	Nekhadi
Dam Type	Earthfill Embankment
Height above lowest foundation level	14.8 m
Dam length	305.0 m
Reservoir Area	424000.0 m ²
Gross storage capacity	5340000.0 m ³
Effective storage capacity	906000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	83.8 km ²
Perimeter of catchment	55.6 km
Basin Length	16625.0 m
Form factor	0.30321
Circularity ratio	0.34092
Elongation ratio	0.62113
Highest Stream order	6
Max elevation	793.0 m
Min elevation	327.0 m
Mean bifurcation ratio	2.2947
Stream frequency	80.1630 per km ²
Relief	466.00 m
Drainage density	10.8860 km/km ²
Length of overland flow	45.929 m

CATCHMENT CLIMATOLOGY

