

Khandi Dam

Location	22.4750° N, 73.7750° E
State	Gujarat
Nearest City	Jetpurpavi
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Local Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	22.5 m
Dam length	387.0 m
Reservoir Area	400000.0 m ²
Gross storage capacity	1677000.0 m ³
Effective storage capacity	1430000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	6.8 km ²
Perimeter of catchment	12.3 km
Basin Length	3067.1 m
Form factor	0.72113
Circularity ratio	0.56814
Elongation ratio	0.95789
Highest Stream order	5
Max elevation	393.0 m
Min elevation	172.0 m
Mean bifurcation ratio	2.5226
Stream frequency	78.5680 per km ²
Relief	221.00 m
Drainage density	10.5290 km/km ²
Length of overland flow	47.487 m

CATCHMENT CLIMATOLOGY

