

Kanawadia Dam

Location	21.8631° N, 71.5433° E
State	Gujarat
Nearest City	Gadhada
Year of Completion	Not Available
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Kalubhar
Dam Type	Other
Height above lowest foundation level	25.3 m
Dam length	4970.0 m
Reservoir Area	9620000.0 m ²
Gross storage capacity	26110000.0 m ³
Effective storage capacity	24590000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	116.5 km ²
Perimeter of catchment	51.1 km
Basin Length	19547.0 m
Form factor	0.30486
Circularity ratio	0.56140
Elongation ratio	0.62282
Highest Stream order	7
Max elevation	291.0 m
Min elevation	73.0 m
Mean bifurcation ratio	2.1437
Stream frequency	69.6560 per km ²
Relief	218.00 m
Drainage density	9.0580 km/km ²
Length of overland flow	55.199 m

CATCHMENT CLIMATOLOGY

