

Kankavati Dam

Location	22.9950° N, 71.2514° E
State	Gujarat
Nearest City	Jamnagar
Year of Completion	1976
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Kankavati
Dam Type	Other
Height above lowest foundation level	11.3 m
Dam length	2784.0 m
Reservoir Area	3560000.0 m ²
Gross storage capacity	6805000.0 m ³
Effective storage capacity	4475000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	220.0 km ²
Perimeter of catchment	80.5 km
Basin Length	27126.0 m
Form factor	0.29895
Circularity ratio	0.42684
Elongation ratio	0.61674
Highest Stream order	7
Max elevation	122.0 m
Min elevation	41.0 m
Mean bifurcation ratio	2.1271
Stream frequency	71.6900 per km ²
Relief	81.00 m
Drainage density	9.2640 km/km ²
Length of overland flow	53.973 m

CATCHMENT CLIMATOLOGY

