

Naniber Dam

Location	23.4669° N, 68.6431° E
State	Gujarat
Nearest City	Lakhpat
Year of Completion	1968
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Naliya
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.0 m
Dam length	2576.0 m
Reservoir Area	145000.0 m ²
Gross storage capacity	189000.0 m ³
Effective storage capacity	189000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30.1 km ²
Perimeter of catchment	29.9 km
Basin Length	11054.0 m
Form factor	0.24593
Circularity ratio	0.42381
Elongation ratio	0.55939
Highest Stream order	5
Max elevation	99.0 m
Min elevation	39.0 m
Mean bifurcation ratio	2.2134
Stream frequency	73.6060 per km ²
Relief	60.00 m
Drainage density	9.6330 km/km ²
Length of overland flow	51.903 m

CATCHMENT CLIMATOLOGY

