

Wanakbori (Mahi Stg I) Dam

Location	22.9481° N, 73.4289° E
State	Gujarat
Nearest City	Wanakbori
Year of Completion	1958
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
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Dam Type	Other
Height above lowest foundation level	25.0 m
Dam length	796.0 m
Reservoir Area	20860000.0 m ²
Gross storage capacity	41910000.0 m ³
Effective storage capacity	36240000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	30391.0 km ²
Perimeter of catchment	1125.4 km
Basin Length	230500.0 m
Form factor	0.57200
Circularity ratio	0.30163
Elongation ratio	0.85312
Highest Stream order	10
Max elevation	998.0 m
Min elevation	25.0 m
Mean bifurcation ratio	2.2430
Stream frequency	73.8130 per km ²
Relief	973.00 m
Drainage density	9.8560 km/km ²
Length of overland flow	50.730 m

CATCHMENT CLIMATOLOGY

