

Suliyat Dam

Location	23.3389° N, 73.9083° E
State	Gujarat
Nearest City	Morwa H
Year of Completion	1982
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	16.0 m
Dam length	261.0 m
Reservoir Area	587000.0 m ²
Gross storage capacity	1172000.0 m ³
Effective storage capacity	144000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	25063.0 km ²
Perimeter of catchment	1054.8 km
Basin Length	160400.0 m
Form factor	0.97415
Circularity ratio	0.28316
Elongation ratio	1.11330
Highest Stream order	10
Max elevation	998.0 m
Min elevation	90.0 m
Mean bifurcation ratio	2.4468
Stream frequency	73.8170 per km ²
Relief	908.00 m
Drainage density	9.8460 km/km ²
Length of overland flow	50.784 m

CATCHMENT CLIMATOLOGY

