

Jetholi Dam

Location	23.0819° N, 73.3436° E
State	Gujarat
Nearest City	Vadasinor
Year of Completion	1970
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Vahela
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.1 m
Dam length	1951.0 m
Reservoir Area	2950000.0 m ²
Gross storage capacity	47835000.0 m ³
Effective storage capacity	42005000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	17.4 km ²
Perimeter of catchment	19.6 km
Basin Length	7610.6 m
Form factor	0.29995
Circularity ratio	0.56974
Elongation ratio	0.61778
Highest Stream order	5
Max elevation	159.0 m
Min elevation	95.0 m
Mean bifurcation ratio	12.0030
Stream frequency	81.7900 per km ²
Relief	64.00 m
Drainage density	11.0460 km/km ²
Length of overland flow	45.264 m

CATCHMENT CLIMATOLOGY

