

Jalai Dhuleta Dam

Location	23.2531° N, 74.1094° E
State	Gujarat
Nearest City	Santrampur
Year of Completion	1969
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Kotar
Dam Type	Earthfill Embankment
Height above lowest foundation level	23.0 m
Dam length	298.0 m
Reservoir Area	452000.0 m ²
Gross storage capacity	1689000.0 m ³
Effective storage capacity	1273000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	4.1 km ²
Perimeter of catchment	9.7 km
Basin Length	2849.9 m
Form factor	0.50275
Circularity ratio	0.54065
Elongation ratio	0.79981
Highest Stream order	4
Max elevation	291.0 m
Min elevation	224.0 m
Mean bifurcation ratio	2.3373
Stream frequency	78.3680 per km ²
Relief	67.00 m
Drainage density	10.2940 km/km ²
Length of overland flow	48.572 m

CATCHMENT CLIMATOLOGY

