

## Moj Dam

Location	21.8389° N, 70.2775° E
State	Gujarat
Nearest City	Upleta
Year of Completion	1956
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Moj
Dam Type	Other
Height above lowest foundation level	36.0 m
Dam length	1197.0 m
Reservoir Area	12030000.0 m <sup>2</sup>
Gross storage capacity	53000000.0 m <sup>3</sup>
Effective storage capacity	50000000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	471.8 km <sup>2</sup>
Perimeter of catchment	107.7 km
Basin Length	34103.0 m
Form factor	0.40565
Circularity ratio	0.51122
Elongation ratio	0.71843
Highest Stream order	7
Max elevation	249.0 m
Min elevation	47.0 m
Mean bifurcation ratio	2.2319
Stream frequency	71.9430 per km <sup>2</sup>
Relief	202.00 m
Drainage density	9.5440 km/km <sup>2</sup>
Length of overland flow	52.388 m

## CATCHMENT CLIMATOLOGY

