

## Vrajmi Dam

Location	21.1472° N, 70.4094° E
State	Gujarat
Nearest City	Malia-Hatina
Year of Completion	1987
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Vrajmi
Dam Type	Other
Height above lowest foundation level	21.3 m
Dam length	3310.0 m
Reservoir Area	2460000.0 m <sup>2</sup>
Gross storage capacity	10352000.0 m <sup>3</sup>
Effective storage capacity	10050000.0 m <sup>3</sup>

## CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	58.8 km <sup>2</sup>
Perimeter of catchment	34.1 km
Basin Length	12392.0 m
Form factor	0.38321
Circularity ratio	0.63449
Elongation ratio	0.69828
Highest Stream order	6
Max elevation	282.0 m
Min elevation	79.0 m
Mean bifurcation ratio	3.1278
Stream frequency	81.7870 per km <sup>2</sup>
Relief	203.00 m
Drainage density	11.6150 km/km <sup>2</sup>
Length of overland flow	43.048 m

## CATCHMENT CLIMATOLOGY

Data not available.