

Brahmani-li Dam

Location	22.9925° N, 71.0931° E
State	Gujarat
Nearest City	Halvad
Year of Completion	2008
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Brahmani
Dam Type	Other
Height above lowest foundation level	14.2 m
Dam length	3976.0 m
Reservoir Area	6560000.0 m ²
Gross storage capacity	16690000.0 m ³
Effective storage capacity	16315000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	853.4 km ²
Perimeter of catchment	157.0 km
Basin Length	56189.0 m
Form factor	0.27030
Circularity ratio	0.43544
Elongation ratio	0.58645
Highest Stream order	8
Max elevation	179.0 m
Min elevation	28.0 m
Mean bifurcation ratio	2.5091
Stream frequency	73.2330 per km ²
Relief	151.00 m
Drainage density	9.6670 km/km ²
Length of overland flow	51.720 m

CATCHMENT CLIMATOLOGY

