

Borsi Dam

Location	23.5553° N, 73.5208° E
State	Gujarat
Nearest City	Meghraj
Year of Completion	1969
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Chuli
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	565.0 m
Reservoir Area	429969.0 m ²
Gross storage capacity	2490000.0 m ³
Effective storage capacity	1810000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.1 km ²
Perimeter of catchment	14.6 km
Basin Length	3782.6 m
Form factor	0.70589
Circularity ratio	0.59562
Elongation ratio	0.94772
Highest Stream order	4
Max elevation	247.0 m
Min elevation	173.0 m
Mean bifurcation ratio	2.4463
Stream frequency	75.1500 per km ²
Relief	74.00 m
Drainage density	9.5300 km/km ²
Length of overland flow	52.465 m

CATCHMENT CLIMATOLOGY

