

Jadsa Dam

Location	23.4789° N, 70.4186° E
State	Gujarat
Nearest City	Bhachau
Year of Completion	1985
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local River
Dam Type	Earthfill Embankment
Height above lowest foundation level	17.0 m
Dam length	358.0 m
Reservoir Area	183328.0 m ²
Gross storage capacity	1100000.0 m ³
Effective storage capacity	1100000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	11.1 km ²
Perimeter of catchment	16.0 km
Basin Length	5683.5 m
Form factor	0.34475
Circularity ratio	0.54807
Elongation ratio	0.66231
Highest Stream order	5
Max elevation	161.0 m
Min elevation	60.0 m
Mean bifurcation ratio	2.9521
Stream frequency	83.6000 per km ²
Relief	101.00 m
Drainage density	11.6150 km/km ²
Length of overland flow	43.049 m

CATCHMENT CLIMATOLOGY

