

Adpur Dam

Location	21.4844° N, 71.7736° E
State	Gujarat
Nearest City	Palitana
Year of Completion	1985
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Local Stream
Dam Type	Earthfill Embankment
Height above lowest foundation level	12.3 m
Dam length	604.0 m
Reservoir Area	140000.0 m ²
Gross storage capacity	469000.0 m ³
Effective storage capacity	469000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	3.0 km ²
Perimeter of catchment	8.9 km
Basin Length	2358.1 m
Form factor	0.53062
Circularity ratio	0.47249
Elongation ratio	0.82168
Highest Stream order	5
Max elevation	556.0 m
Min elevation	114.0 m
Mean bifurcation ratio	2.3895
Stream frequency	90.4930 per km ²
Relief	442.00 m
Drainage density	12.5500 km/km ²
Length of overland flow	39.842 m

CATCHMENT CLIMATOLOGY

