

Panch Devda Dam

Location	22.1317° N, 70.2092° E
State	Gujarat
Nearest City	Kalavad
Year of Completion	1990
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	Baren
Dam Type	Earthfill Embankment
Height above lowest foundation level	15.4 m
Dam length	93.0 m
Reservoir Area	551386.0 m ²
Gross storage capacity	2580000.0 m ³
Effective storage capacity	2470000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	10.4 km ²
Perimeter of catchment	13.8 km
Basin Length	4410.8 m
Form factor	0.53211
Circularity ratio	0.68584
Elongation ratio	0.82283
Highest Stream order	5
Max elevation	221.0 m
Min elevation	154.0 m
Mean bifurcation ratio	2.1676
Stream frequency	74.7670 per km ²
Relief	67.00 m
Drainage density	9.8370 km/km ²
Length of overland flow	50.827 m

CATCHMENT CLIMATOLOGY

