

Pith Gajipur Dam

Location	24.1411° N, 72.8356° E
State	Gujarat
Nearest City	Danta
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Sabarmati
River	T Of Sabarmati
Dam Type	Earthfill Embankment
Height above lowest foundation level	20.0 m
Dam length	370.0 m
Reservoir Area	3500000.0 m ²
Gross storage capacity	1886000.0 m ³
Effective storage capacity	1728000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	16.0 km ²
Perimeter of catchment	17.7 km
Basin Length	4716.5 m
Form factor	0.71930
Circularity ratio	0.64371
Elongation ratio	0.95668
Highest Stream order	6
Max elevation	769.0 m
Min elevation	234.0 m
Mean bifurcation ratio	3.1439
Stream frequency	90.2430 per km ²
Relief	535.00 m
Drainage density	12.8510 km/km ²
Length of overland flow	38.909 m

CATCHMENT CLIMATOLOGY

