

Pigut Dam

Location	21.5086° N, 73.3828° E
State	Gujarat
Nearest City	Valia
Year of Completion	1983
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Narmada
River	Tokri
Dam Type	Earthfill Embankment
Height above lowest foundation level	21.0 m
Dam length	1345.0 m
Reservoir Area	1450000.0 m ²
Gross storage capacity	7520000.0 m ³
Effective storage capacity	7200000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2.1 km ²
Perimeter of catchment	6.1 km
Basin Length	1758.1 m
Form factor	0.69099
Circularity ratio	0.72597
Elongation ratio	0.93766
Highest Stream order	4
Max elevation	200.0 m
Min elevation	137.0 m
Mean bifurcation ratio	2.1104
Stream frequency	73.0410 per km ²
Relief	63.00 m
Drainage density	9.2870 km/km ²
Length of overland flow	53.841 m

CATCHMENT CLIMATOLOGY

