

Panam Dam

Location	23.0539° N, 73.7172° E
State	Gujarat
Nearest City	Shahera
Year of Completion	1977
Operated and Maintained by	Gujarat Engineering Research Institute
River Basin	Mahi
River	Panam.
Dam Type	Other
Height above lowest foundation level	56.4 m
Dam length	269.5 m
Reservoir Area	89800000.0 m ²
Gross storage capacity	737600000.0 m ³
Effective storage capacity	698840000.0 m ³

CATCHMENT CHARACTERISTICS

Catchment Properties	Values
Area of catchment	2351.5 km ²
Perimeter of catchment	291.0 km
Basin Length	88806.0 m
Form factor	0.29816
Circularity ratio	0.34902
Elongation ratio	0.61594
Highest Stream order	9
Max elevation	663.0 m
Min elevation	85.0 m
Mean bifurcation ratio	2.4781
Stream frequency	74.9160 per km ²
Relief	578.00 m
Drainage density	10.1530 km/km ²
Length of overland flow	49.245 m

CATCHMENT CLIMATOLOGY

